Refrigerant R410A

INVERTER

AIR CONDITIONER

# Multi : 2rooms type
# 3rooms type
# 4rooms type

# DESIGN & TECHNICAL MANUAL

INDOOR



AU∗G07LVLA
AU∗G09LVLA
AU∗G12LVLA
AU∗G14LVLA
AU∗G18LVLA
AU∗G12LVLB
AU∗G14LVLB
AU∗G18LVLB



AR∗G07LLTA
AR∗G09LLTA
AR∗G12LLTA
AR∗G14LLTA
AR∗G12LLTB
AR∗G14LLTB



AR∗G18LLTA
AR∗G18LLTB



AS∗G07LJCA
AS∗G09LJCA
AS∗G12LJCA



AS∗G07LMCA
AS∗G09LMCA
AS∗G12LMCA
AS∗G14LMCA



AS∗G07LUCA
AS∗G09LUCA
AS∗G12LUCA
AS∗G14LUCA



AS∗G18LFCA
AS∗G24LFCA
AS∗G24LFCC



AB∗G14LVTA
AB∗G18LVTA
AB∗G18LVTB



AG∗G09LVCA
AG∗G12LVCA
AG∗G14LVCA

OUTDOOR



AO∗G14LAC2
AO∗G18LAC2



AO∗G18LAT3
AO∗G24LAT3



AO∗G30LAT4

FUJITSU GENERAL LIMITED

# 1. INDOOR UNIT

**COMPACT CASSETTE TYPE:**

AU∗G07LVLA
AU∗G09LVLA
AU∗G12LVLA
AU∗G14LVLA
AU∗G18LVLA
AU∗G12LVLB
AU∗G14LVLB
AU∗G18LVLB

**SLIM DUCT TYPE:**

AR∗G07LLTA
AR∗G09LLTA
AR∗G12LLTA
AR∗G14LLTA
AR∗G18LLTA
AR∗G12LLTB
AR∗G14LLTB
AR∗G18LLTB

**FLOOR/CEILING TYPE:**

AB∗G14LVTA
AB∗G18LVTA
AB∗G18LVTB

**WALL MOUNTED TYPE:**

AS∗G07LJCA
AS∗G09LJCA
AS∗G12LJCA

AS∗G07LUCA
AS∗G09LUCA
AS∗G12LUCA
AS∗G14LUCA

AS∗G07LMCA
AS∗G09LMCA
AS∗G12LMCA
AS∗G14LMCA

AS∗G18LFCA
AS∗G24LFCA
AS∗G24LFCC

**FLOOR TYPE:**

AG∗G09LVCA
AG∗G12LVCA
AG∗G14LVCA

MULTI TYPE
2, 3, 4 ROOMS TYPE

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MULTI TYPE
2, 3, 4 ROOMS TYPE

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MULTI TYPE
2, 3, 4 ROOMS TYPE

# 1. FEATURES

## 1-1. INDOOR UNIT

## 1-1-1. COMPACT CASSETTE TYPE

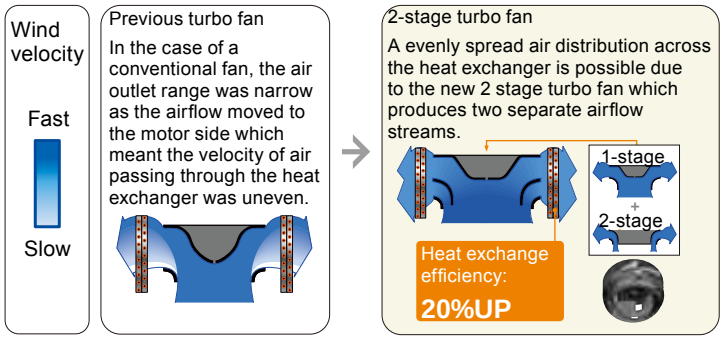
### ■ MODELS : AU∗G07LVLA, AU∗G09LVLA, AU∗G12LVLA, AU∗G14LVLA, AU∗G18LVLA, AU∗G12LVLB, AU∗G14LVLB, AU∗G18LVLB



## ■ FEATURES

### ● 2-stage turbo fan

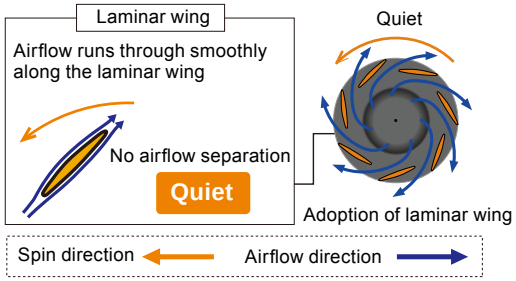
High efficiency design by 2 stage structure




### ● Quiet quality

Optimization of wing form (laminar wing type) and wing number (7 blades each)

Designed by CFD-analysis (fluid) simulations




### ● Easy maintenance

①Maintenance of fan motor and fan

Maintenance of the fan motor and fan can be done easily after taking off the panel as the bell mouth of the fan can be removed easily.

A : Fan motor B : 2-stage turbo fan

C : Bell-mouth D : Panel

②Long life filter

: standard equipment

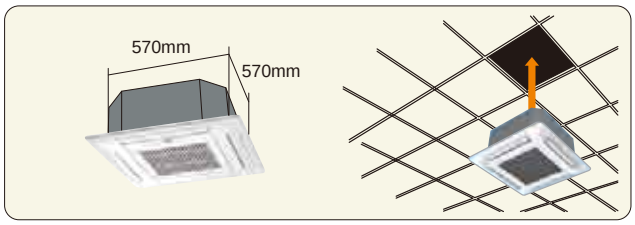
③Adaptation of transparent drainage parts

During installation, maintenance and operation, the drain pump and kit can be checked easily.

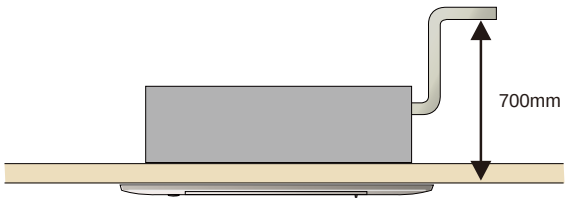



### ● Compact design

Easy installation by taking off ceiling panel of 600mm x 600mm size




### ● High lift drain pump



MULTI TYPE
2, 3, 4 ROOMS TYPE

# 1-1-2. SLIM DUCT TYPE

## ■ MODELS : AR∗G07LLTA, AR∗G09LLTA, AR∗G12LLTA, AR∗G14LLTA, AR∗G18LLTA, AR∗G12LLTB, AR∗G14LLTB, AR∗G18LLTB



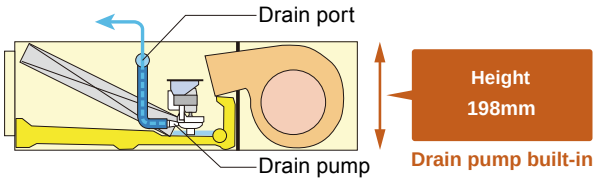


Slim design and wide range of static pressure for flexible installation.

## ■ FEATURES

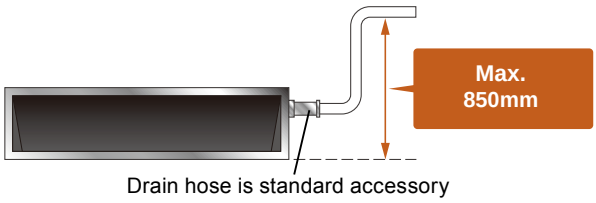
### ● Slim design

The slim design allows installations where ceilings are narrow.



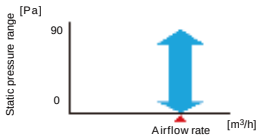

### ● Compact design

Condensate lift-up to 850mm.



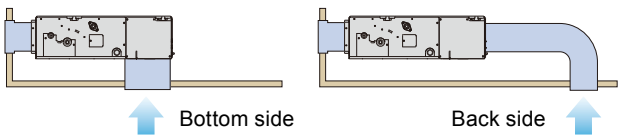

### ● Selectable wide range of static pressure

By using a DC fan motor, it is possible to change static pressure range from 0 to 90Pa. The change of static pressure range is possible by remote controller.

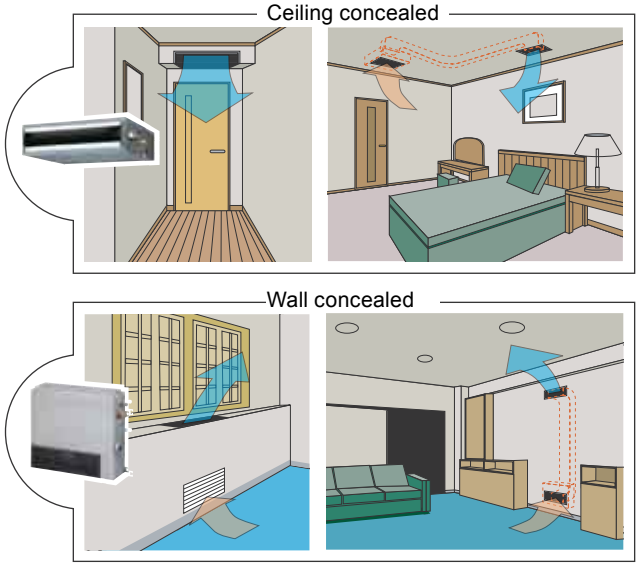



### ● Air - intake

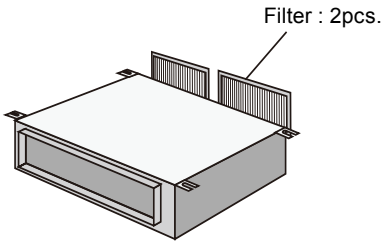
Air intake direction can be selected to match the installation site.




### ● Flexible installation




### ● Filter (Accessory)



# 1-1-3. WALL MOUNTED TYPE

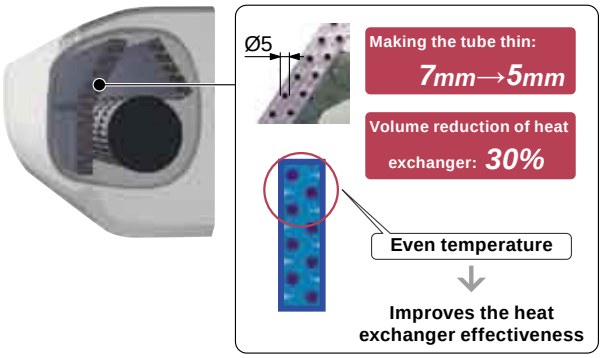
## ■ MODELS : AS∗G07LJCA, AS∗G09LJCA, AS∗G12LJCA

Compact and Stylish design indoor unit



## ■ FEATURES

### ●High density heat transfer tube arrangement




### ●Filter features

Long-life*
Ion deodorization filter

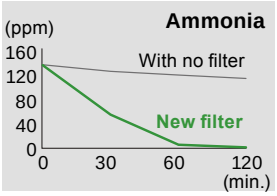
The filter deodorizes by powerfully decomposing absorbed odors using the oxidizing and reducing effects of ions generated by the ultra-fine particle ceramic.

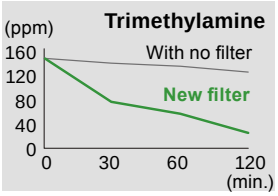
*The filter can be used for approx. 3 years if it is washed under water to restore it's surface action when it is dirty.

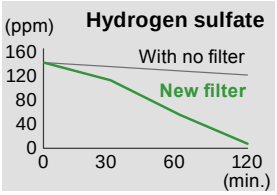
Apple-catechin filter

Fine dust, invisible mold spores, and harmful microorganisms are absorbed onto the filter by static electricity, and further growth is inhibited and deactivated by the polyphenol ingredient extracted from apples.

Deodorizing effect (Odor reduction rate)




Testing organization :
Environmental Sanitary Inspection Center

Test method :
Deodorization Test

### ●Easy maintenance

Removable & washable panel



Dry operation

Dry operation removes moisture and keeps the air conditioner clean.

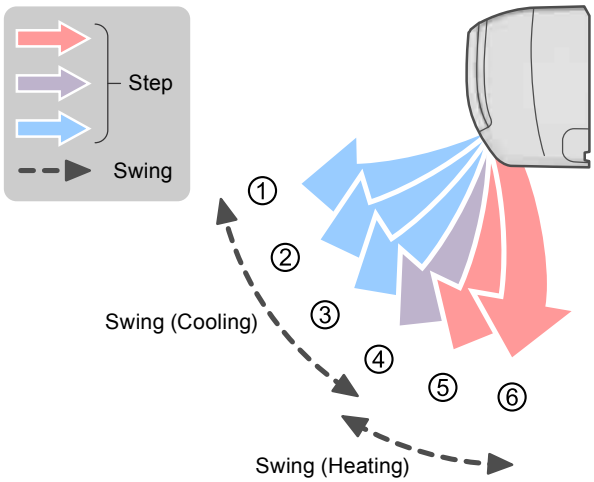
### ●Quiet operation

Cooling mode (07/09/12 TYPE)

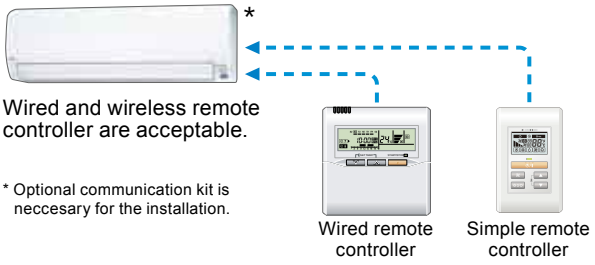
| Fan speed | Noise level |
|---|---|
| *Quiet* | ***21dB(A)*** |

### ●Auto swing louvre

The Auto Swing Louvre function ensures that the air direction corresponds to the mode selected.




### ●Wired control compatible




Wired and wireless remote controller are acceptable.

* Optional communication kit is neccesary for the installation.

MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■ MODELS : AS∗G07LUCA, AS∗G09LUCA, AS∗G12LUCA, AS∗G14LUCA

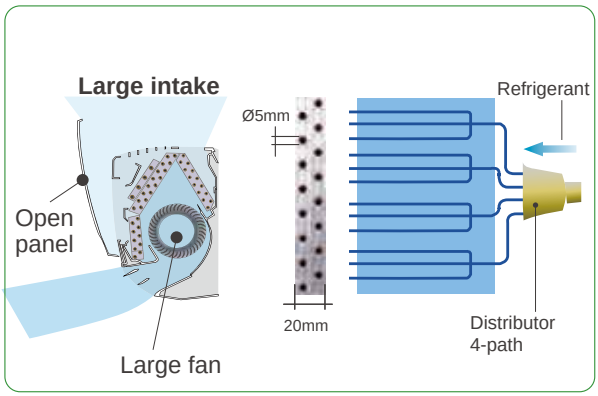
# ■ FEATURES

## ● Thin & Slim design

Thin and slim design is realized by Ø5mm heat exchanger and high efficiency wind blower.




Big open panel and High density multi path heat exchanger




## ● Powerful operation *Only available with Wireless RC.

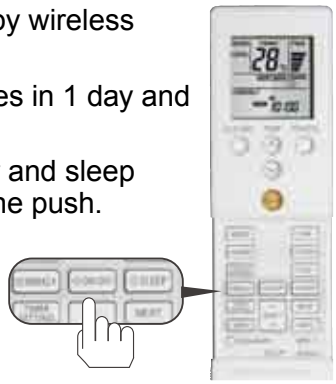
20 minutes continuous operation by maximum airflow is possible. The effect of the cooling and heating grows.

## ● 5 Mode timer (ON/OFF/Weekly/Program/Sleep) *Only available with Wireless RC.

Weekly timer can be easily set by wireless remote controller.

ON, OFF can be set up to 4 times in 1 day and up to 28 times in 1 week.

For other modes, program timer and sleep timer can be also selected by one push.



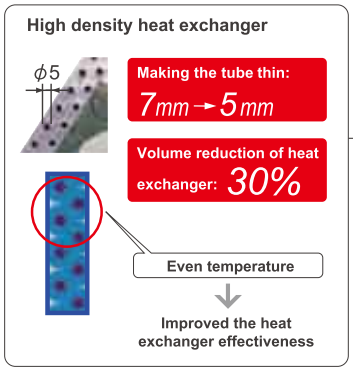
MULTI TYPE
2, 3, 4 ROOMS TYPE

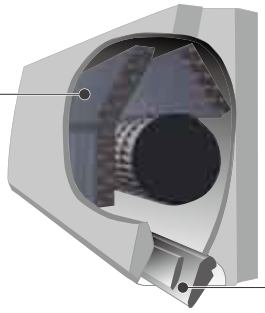
# ■ MODELS : AS∗G07LMCA, AS∗G09LMCA, AS∗G12LMCA, AS∗G14LMCA

# ■ FEATURES

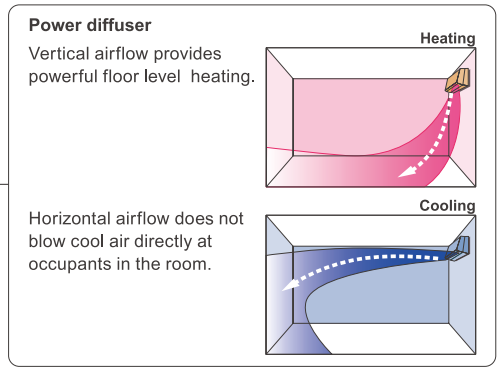


## ● High efficient compact design



## ● More comfortable airflow




## ● Quiet operation

**INDOOR UNIT**

Airflow mode can be set in 4 steps and more detailed airflow setting is possible.

21dB only at cooling operation (22dB at heating operation).

| Fan speed | Noise level |
|---|---|
| Quiet | 21dB(A) |

(AS∗G07/09/12LMCA)

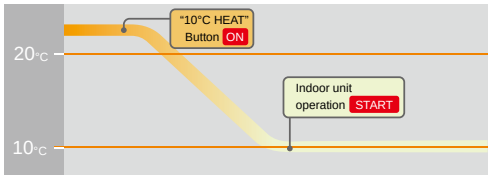
## ● 10°C HEAT Operation *Only available with Wireless RC.

The room temperature can be set to go no lower than 10°C,
thus ensuring that the room does not get too cold when not occupied.

Caution)

When the room temperature is higher than 10°C, “10°C HEAT” operation will not start. Operation starts and maintains the room temperature at 10°C when the temperature drops below 10°C.






## ● Powerful operation *Only available with Wireless RC.

20 minutes continuous operation by maximum airflow and maximum compressor speed is possible. Rapid cooling and heating makes the room comfortable quickly.

MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■MODELS : AS∗G18LFCA, AS∗G24LFCA, AS∗G24LFCC

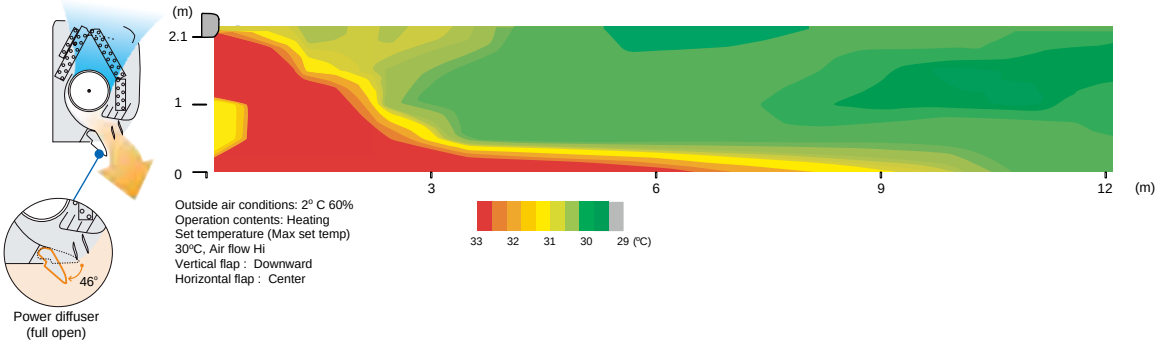
Simple & Elegant Appearance Design

# ■FEATURES

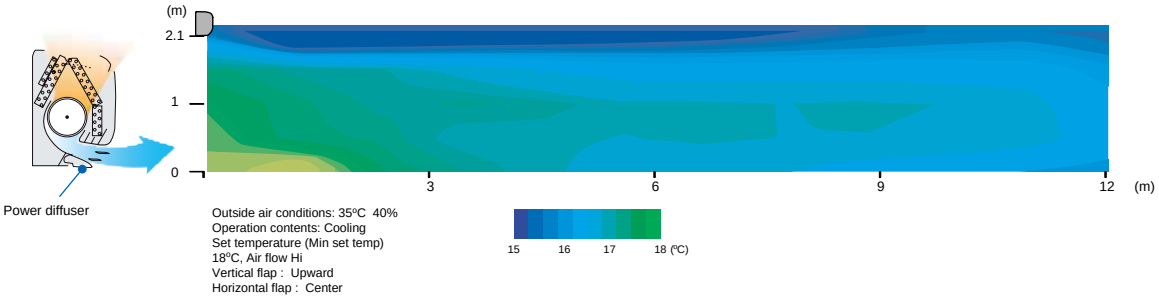
## ●Compact & Slim design



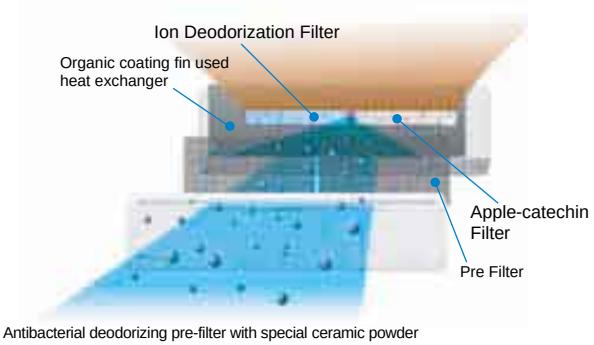

## ● “ Vertical airflow” provides powerful floor level heating




## ●“ Horizontal airflow” does not blow cool air directly at the occupants in the room




## ●Air conditioner filter features




Antibacterial deodorizing pre-filter with special ceramic powder

Ion  Long-life*
Ion deodorization filter

The filter deodorizes by powerfully decomposing absorbed odors using the oxidizing and reducing effects of ions generated by the ultra-fine-particle ceramic.

(*The filter can be used for approx. 3 years if it is washed under water to restore its surface action when it is dirty.)

＋ Using different filters at both sides

AF  Apple-catechin filter

Fine dust, invisible mold spores, and harmful microorganisms are absorbed onto the filter by static electricity, and further growth is inhibited and deactivated by the polyphenol extracted from apples.

## ●Easy maintenance

Simplification of drain pan cleaning improves maintenance-ability.

MULTI TYPE
2, 3, 4 ROOMS TYPE

# 1-1-4. FLOOR / CEILING TYPE

## ■ MODELS : AB∗G14LVTA, AB∗G18LVTA, AB∗G18LVTB

## ■ FEATURES

### ● Flexible installation

Example for floor installation



Example for ceiling installation

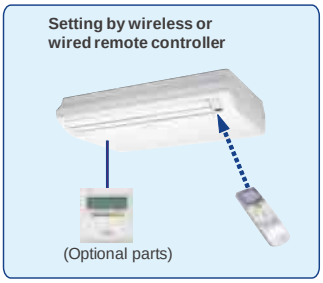


### ● Easy installation

Main work settings can be done easily from the remote controller at installation

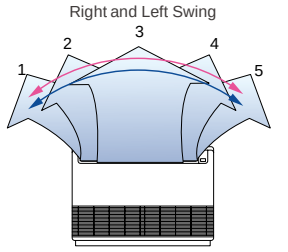
**Main work settings**

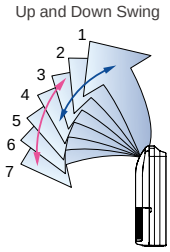
- High ceiling setting
- Auto restart
- Temperature adjustment when cooling / heating




### ● Double auto swing

A combination of right/left and up/down directional swing allows 3-dimensional air direction control




Steps
Swing: Cooling , Dry and Fan mode
Swing: Heating and Fan mode

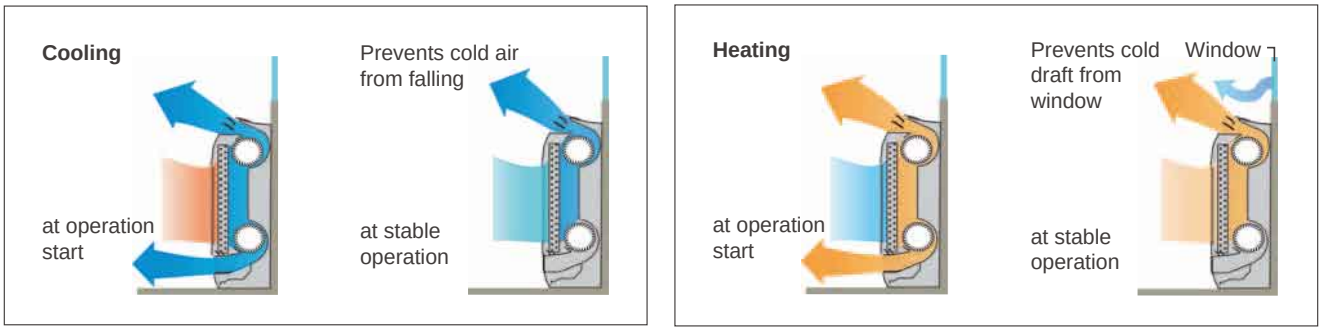
MULTI TYPE
2, 3, 4 ROOMS TYPE

# 1-1-5. FLOOR TYPE

## ■ MODELS : AG∗G09LVCA, AG∗G12LVCA, AG∗G14LVCA

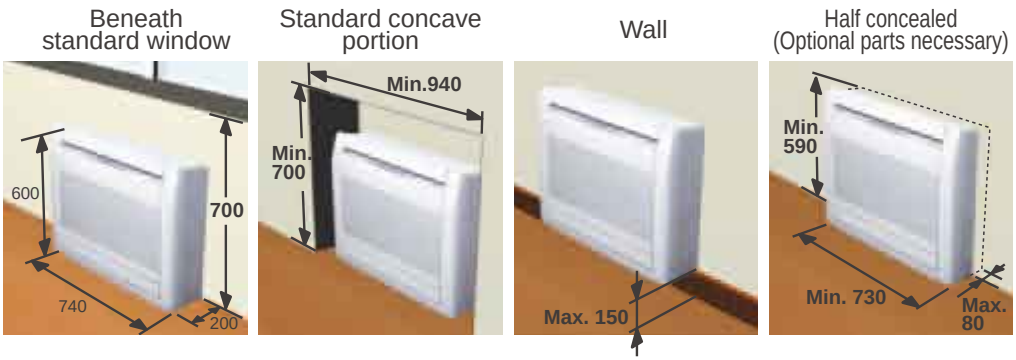
## ■ FEATURES

### ● 2-Fan & Wide airflow




### ● Flexible & easy installation

Unit: mm

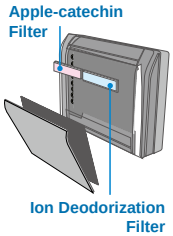



### ● Filter features

Long-life* ion deodorization filter

The filter deodorizes by powerfully decomposing absorbed odors using the oxidizing and reducing effects of ions generated by the ultra-fine-particle ceramic.

*The filter can be used for approx. 3 years if it is washed under water to restore its surface action when it is dirty.




+ Using different filters at both sides

Apple-catechin filter

Fine dust, invisible mold spores, and harmful microorganisms are absorbed onto the filter by static electricity, and further growth is inhibited and deactivated by the polyphenol extracted from apples.

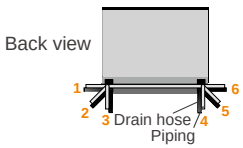
### ● Easy maintenance

Removable and washable panel




### ● Flexible piping connection

6 direction of drain & piping



MULTI TYPE
2, 3, 4 ROOMS TYPE

# 1-2. LINE UP

## ■ MODELS

| INDOOR UNIT | | |
|---|---|---|
| AU∗G07LVLA , AU∗G09LVLA<br>AU∗G12LVLA, AU∗G14LVLA<br>AU∗G18LVLA, AU∗G12LVLB<br>AU∗G14LVLB, AU∗G18LVLB | AR∗G07LLTA<br>AR∗G09LLTA<br>AR∗G12LLTA<br>AR∗G14LLTA<br>AR∗G12LLTB<br>AR∗G14LLTB | AR∗G18LLTA<br>AR∗G18LLTB |
|  |  |  |
| AS∗G07LJCA<br>AS∗G09LJCA<br>AS∗G12LJCA | AS∗G07LUCA<br>AS∗G09LUCA<br>AS∗G12LUCA<br>AS∗G14LUCA | AS∗G07LMCA<br>AS∗G09LMCA<br>AS∗G12LMCA<br>AS∗G14LMCA |
|  |  |  |
| AS∗G18LFCA<br>AS∗G24LFCA<br>AS∗G24LFCC | AB∗G14LVTA<br>AB∗G18LVTA<br>AB∗G18LVTB | AG∗G09LVCA<br>AG∗G12LVCA<br>AG∗G14LVCA |
|  |  |  |
| **OUTDOOR UNIT** | | |
| AO∗G14LAC2<br>AO∗G18LAC2 | AO∗G18LAT3<br>AO∗G24LAT3 | AO∗G30LAT4 |
|  |  |  |

### ● Indoor units that can be connected to each outdoor unit

●: Connectable / —: Not connectable

| OUTDOOR | | COMPACT CASSETTE | | | | | SLIM DUCT | | | | | WALL MOUNTED | | | | | | | | | FLOOR / CEILING | | FLOOR | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | LJ | | | LU/LM | | | | LF | | | | | | |
| | | AU∗G07-18LVLA<br>AU∗G12-18LVLB | | | | | AR∗G07-18LLTA<br>AR∗G12-18LLTB | | | | | AS∗G07-12LJCA | | | AS∗G07-14LUCA<br>AS∗G07-14LMCA | | | | AS∗G18-24LFCA<br>AS∗G 24LFCC | | AB∗G14-18LVTA<br>AB∗G18 LVTB | | AG∗G09-14LVCA | | |
| | Btu Class | 07 | 09 | 12 | 14 | 18 | 07 | 09 | 12 | 14 | 18 | 07 | 09 | 12 | 07 | 09 | 12 | 14 | 18 | 24 | 14 | 18 | 09 | 12 | 14 |
| | kW Class | 2.0 | 2.5 | 3.5 | 4.0 | 5.0 | 2.0 | 2.5 | 3.5 | 4.0 | 5.0 | 2.0 | 2.5 | 3.5 | 2.0 | 2.5 | 3.5 | 4.0 | 5.0 | 7.0 | 4.0 | 5.0 | 2.5 | 3.5 | 4.0 |
| 2 Rooms | AO∗G14LAC2 | — | — | — | — | — | — | — | — | — | — | ● | ● | ● | ● | ● | ● | — | — | — | — | — | — | — | — |
| | AO∗G18LAC2 | ● | ● | ● | — | — | ● | ● | ● | — | — | ● | ● | ● | ● | ● | ● | ● | — | — | — | — | ● | ● | — |
| 3 Rooms | AO∗G18LAT3 | ● | ● | ● | ● | — | ● | ● | ● | ● | — | ● | ● | ● | ● | ● | ● | ● | — | — | ● | — | ● | ● | ● |
| | AO∗G24LAT3 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | — | ● | ● | ● | ● | ● |
| 4 Rooms | AO∗G30LAT4 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |

MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■INDOOR UNIT CONNECTION PATTERNS

## ●2 Rooms

| AO∗G14LAC2 | | | |
|---|---|---|---|
| No. | room 1 | room 2 | total |
| 1 | 7 | 7 | 14 |
| 2 | 7 | 9 | 16 |
| 3 | 7 | 12 | 19 |
| 4 | 9 | 9 | 18 |
| 5 | 9 | 12 | 21 |

| AO∗G18LAC2 | | | |
|---|---|---|---|
| No. | room 1 | room 2 | total |
| 1 | 7 | 7 | 14 |
| 2 | 7 | 9 | 16 |
| 3 | 7 | 12 | 19 |
| 4 | 7 | 14 | 21 |
| 5 | 9 | 9 | 18 |
| 6 | 9 | 12 | 21 |
| 7 | 9 | 14 | 23 |
| 8 | 12 | 12 | 24 |

Notes) 7: 7000Btu/h, 9: 9000Btu/h, 12: 12000Btu/h, 14: 14000Btu/h models

Where "14" means "Wall Mounted type" only models. Other types of indoor units cannot be connected.

## ●3 Rooms

| AO∗G18LAT3 | | | | |
|---|---|---|---|---|
| No. | room 1 | room 2 | room 3 | total |
| 1 | 7 | 7 | – | 14 |
| 2 | 7 | 9 | – | 16 |
| 3 | 7 | 12 | – | 19 |
| 4 | 7 | 14 | – | 21 |
| 5 | 9 | 9 | – | 18 |
| 6 | 9 | 12 | – | 21 |
| 7 | 9 | 14 | – | 23 |
| 8 | 12 | 12 | – | 24 |
| 9 | 12 | 14 | – | 26 |
| 10 | 7 | 7 | 7 | 21 |
| 11 | 7 | 7 | 9 | 23 |
| 12 | 7 | 7 | 12 | 26 |
| 13 | 7 | 7 | 14 | 28 |
| 14 | 7 | 9 | 9 | 25 |
| 15 | 7 | 9 | 12 | 28 |
| 16 | 7 | 9 | 14 | 30 |
| 17 | 9 | 9 | 9 | 27 |
| 18 | 9 | 9 | 12 | 30 |

| AO∗G24LAT3 | | | | |
|---|---|---|---|---|
| No. | room 1 | room 2 | room 3 | total |
| 1 | 7 | 7 | – | 14 |
| 2 | 7 | 9 | – | 16 |
| 3 | 7 | 12 | – | 19 |
| 4 | 7 | 14 | – | 21 |
| 5 | 7 | 18 | – | 25 |
| 6 | 9 | 9 | – | 18 |
| 7 | 9 | 12 | – | 21 |
| 8 | 9 | 14 | – | 23 |
| 9 | 9 | 18 | – | 27 |
| 10 | 12 | 12 | – | 24 |
| 11 | 12 | 14 | – | 26 |
| 12 | 12 | 18 | – | 30 |
| 13 | 7 | 7 | 7 | 21 |
| 14 | 7 | 7 | 9 | 23 |
| 15 | 7 | 7 | 12 | 26 |
| 16 | 7 | 7 | 14 | 28 |
| 17 | 7 | 7 | 18 | 32 |
| 18 | 7 | 9 | 9 | 25 |
| 19 | 7 | 9 | 12 | 28 |
| 20 | 7 | 9 | 14 | 30 |
| 21 | 7 | 9 | 18 | 34 |
| 22 | 7 | 12 | 12 | 31 |
| 23 | 7 | 12 | 14 | 33 |
| 24 | 9 | 9 | 9 | 27 |
| 25 | 9 | 9 | 12 | 30 |
| 26 | 9 | 9 | 14 | 32 |
| 27 *1 | 9 | 9 | 18 | 36 |
| 28 | 9 | 12 | 12 | 33 |
| 29 | 9 | 12 | 14 | 35 |
| 30 | 12 | 12 | 12 | 36 |

Notes) 7: 7000Btu/h, 9: 9000Btu/h, 12: 12000Btu/h, 14: 14000Btu/h, 18: 18000Btu/h models

∗1: When "AS∗G18L" is connected, connect at least 1 wall mounted type of 9000Btu.

MULTI TYPE
2, 3, 4 ROOMS TYPE

## ●4 Rooms

| AO∗G30LAT4 | | | | | |
|---|---|---|---|---|---|
| No. | room 1 | room 2 | room 3 | room 4 | total |
| 1 | 7 | 7 | 14 | - | 28 |
| 2 | 7 | 7 | 18 | - | 32 |
| 3 | 7 | 7 | 24 | - | 38 |
| 4 | 7 | 9 | 12 | - | 28 |
| 5 | 7 | 9 | 14 | - | 30 |
| 6 | 7 | 9 | 18 | - | 34 |
| 7 | 7 | 9 | 24 | - | 40 |
| 8 | 7 | 12 | 12 | - | 31 |
| 9 | 7 | 12 | 14 | - | 33 |
| 10 | 7 | 12 | 18 | - | 37 |
| 11 | 7 | 12 | 24 | - | 43 |
| 12 | 7 | 14 | 14 | - | 35 |
| 13 | 7 | 14 | 18 | - | 39 |
| 14 | 7 | 14 | 24 | - | 45 |
| 15 | 7 | 18 | 18 | - | 43 |
| 16 | 7 | 18 | 24 | - | 49 |
| 17 | 9 | 9 | 9 | - | 27 |
| 18 | 9 | 9 | 12 | - | 30 |
| 19 | 9 | 9 | 14 | - | 32 |
| 20 | 9 | 9 | 18 | - | 36 |
| 21 | 9 | 9 | 24 | - | 42 |
| 22 | 9 | 12 | 12 | - | 33 |
| 23 | 9 | 12 | 14 | - | 35 |
| 24 | 9 | 12 | 18 | - | 39 |
| 25 | 9 | 12 | 24 | - | 45 |
| 26 | 9 | 14 | 14 | - | 37 |
| 27 | 9 | 14 | 18 | - | 41 |
| 28 | 9 | 14 | 24 | - | 47 |
| 29 | 9 | 18 | 18 | - | 45 |
| 30 | 12 | 12 | 12 | - | 36 |
| 31 | 12 | 12 | 14 | - | 38 |
| 32 | 12 | 12 | 18 | - | 42 |
| 33 | 12 | 12 | 24 | - | 48 |
| 34 | 12 | 14 | 14 | - | 40 |
| 35 | 12 | 14 | 18 | - | 44 |
| 36 | 12 | 18 | 18 | - | 48 |
| 37 | 7 | 7 | 7 | 7 | 28 |
| 38 | 7 | 7 | 7 | 9 | 30 |
| 39 | 7 | 7 | 7 | 12 | 33 |
| 40 | 7 | 7 | 7 | 14 | 35 |
| 41 | 7 | 7 | 7 | 18 | 39 |
| 42 | 7 | 7 | 9 | 9 | 32 |
| 43 | 7 | 7 | 9 | 12 | 35 |
| 44 | 7 | 7 | 9 | 14 | 37 |
| 45 | 7 | 7 | 9 | 18 | 41 |
| 46 | 7 | 7 | 12 | 12 | 38 |
| 47 | 7 | 7 | 12 | 14 | 40 |
| 48 | 7 | 7 | 12 | 18 | 44 |
| 49 | 7 | 7 | 14 | 14 | 42 |
| 50 | 7 | 7 | 14 | 18 | 46 |
| 51 | 7 | 9 | 9 | 9 | 34 |
| 52 | 7 | 9 | 9 | 12 | 37 |
| 53 | 7 | 9 | 9 | 14 | 39 |
| 54 | 7 | 9 | 9 | 18 | 43 |
| 55 | 7 | 9 | 12 | 12 | 40 |
| 56 | 7 | 9 | 12 | 14 | 42 |
| 57 | 7 | 9 | 12 | 18 | 46 |
| 58 | 7 | 9 | 14 | 14 | 44 |
| 59 | 7 | 9 | 14 | 18 | 48 |
| 60 | 7 | 12 | 12 | 12 | 43 |
| 61 | 7 | 12 | 12 | 14 | 45 |
| 62 | 7 | 12 | 12 | 18 | 49 |
| 63 | 7 | 12 | 14 | 14 | 47 |
| 64 | 9 | 9 | 9 | 9 | 36 |
| 65 | 9 | 9 | 9 | 12 | 39 |
| 66 | 9 | 9 | 9 | 14 | 41 |
| 67 *1 | 9 | 9 | 9 | 18 | 45 |
| 68 | 9 | 9 | 12 | 12 | 42 |
| 69 | 9 | 9 | 12 | 14 | 44 |
| 70 *2 | 9 | 9 | 12 | 18 | 48 |
| 71 | 9 | 9 | 14 | 14 | 46 |
| 72 | 9 | 12 | 12 | 12 | 45 |
| 73 | 9 | 12 | 12 | 14 | 47 |
| 74 | 9 | 12 | 14 | 14 | 49 |
| 75 | 12 | 12 | 12 | 12 | 48 |

Notes) 7: 7000Btu/h, 9: 9000Btu/h, 12: 12000Btu/h, 14: 14000Btu/h, 18: 18000Btu/h, 24: 24000Btu/h models

∗1: Connection of "AR∗G09L+AR∗G09L+AR∗G09L+AS∗G18L " is not available. All types other than this combination can be connected.

∗2: Connection of "AR∗G09L+AR∗G09L+AR∗G12L+AS∗G18L " is not available. All types other than this combination can be connected.

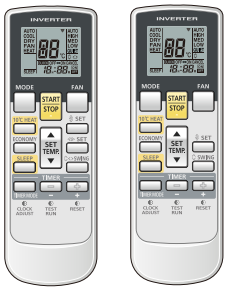
MULTI TYPE
2, 3, 4 ROOMS TYPE

# 2. REMOTE CONTROLLER

## 2-1. WIRELESS REMOTE CONTROLLER

### ■ MODEL : AR-RAH2E / AR-RAH1E

### ■ FEATURES



- 4 mode timer setup available (ON / OFF / PROGRAM / SLEEP).
- Can be used jointly with wired remote controllers .
- Easy to change signal code (Max.4 signal codes).

### ● Built-in timers

Select from four different timer programs (ON / OFF / PROGRAM / SLEEP).

### ● Program timer

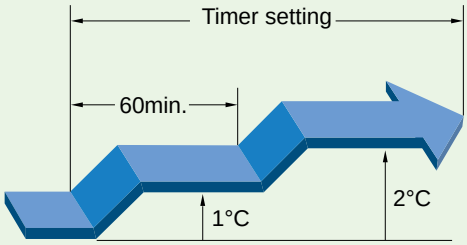
The program timer operates the on and off timer once within a 24 hour period.

### ● Sleep timer

The sleep timer function automatically corrects the temperature thermostat setting according to the time setting to prevent excessive cooling and heating while sleeping.

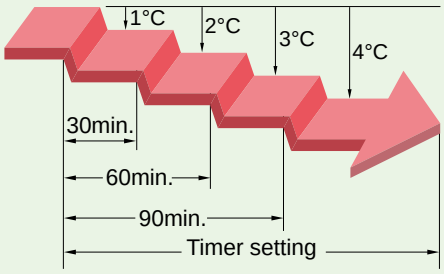
**Cooling operation / dry operation**

When the sleep timer is set, the set temperature automatically rises 1°C every hour. The set temperature can rise up to a maximum of 2°C.

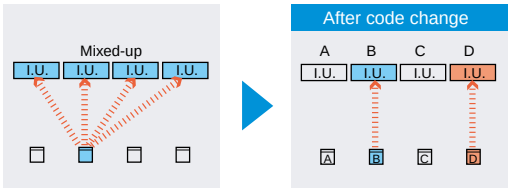



**Heating operation**

When the sleep timer is set, the set temperature automatically drops 1°C every 30 minutes. The set temperature can drop to a maximum of 4°C.




### ● Switching remote controller signal code

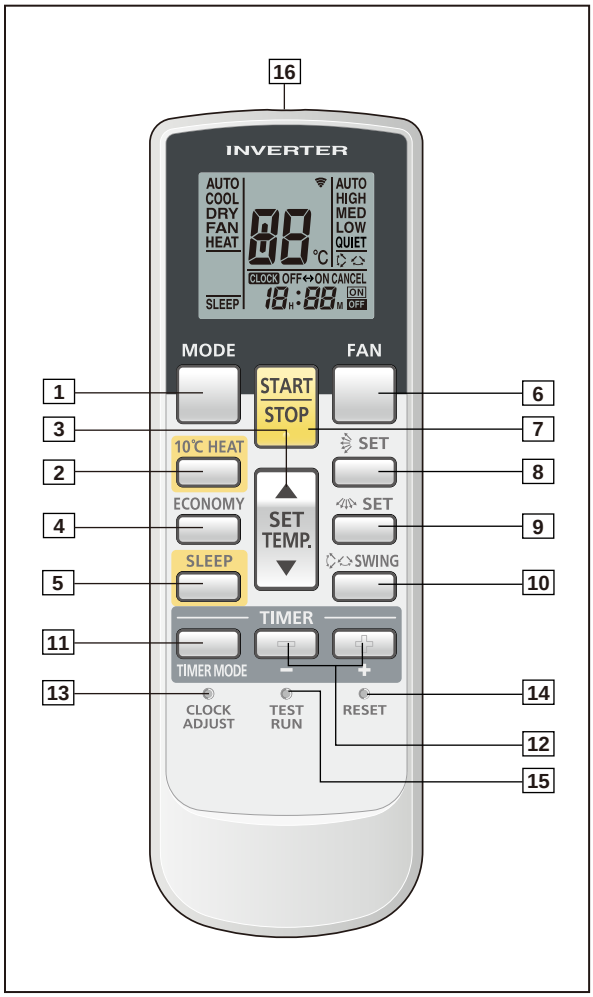



- Code selector switch eliminates units being wrongly switched.
  (Up to 4 signal codes can be set.)

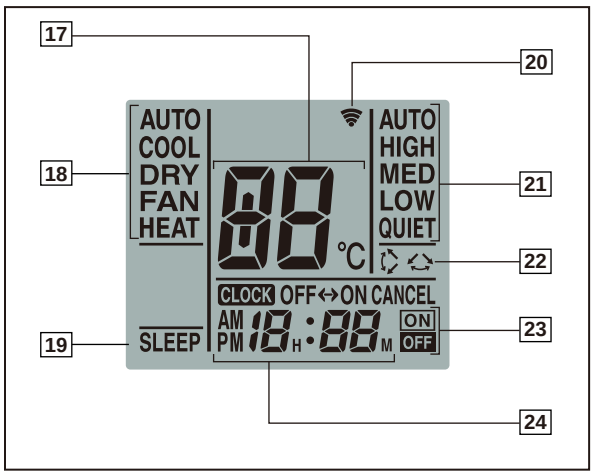
*I.U.=Indoor unit

MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■ FUNCTIONS [Wall mounted(LF), Floor/Ceiling type]




Display panel




1 MODE button
Selects the operating mode (AUTO, COOL, DRY, FAN, HEAT).
/Start / end R.C. signal code change. (Max. 4 signal codes)

2 10°C HEAT button

3 SET TEMP. button ( ▲ / ▼ )
Sets the indoor temp./ Sets R.C. signal code.

4 ECONOMY button

5 SLEEP button
Pressed to select sleep timer.

6 FAN button
Selects the fan speed (AUTO, HIGH, MED, LOW, QUIET).

7 START/STOP button
Pressed to start and stop operation.

8 SET button (Vertical)
Airflow direction vertical set button.

9 SET button (Horizontal)
Airflow direction horizontal set button.

10 SWING button
Airflow direction swing button.

11 TIMER MODE button
Pressed to select the timer mode. (OFF TIMER, ON TIMER, PROGRAM TIMER, TIMER RESET)

12 TIMER (+ / -) button
Sets the current time and on-off time.

13 CLOCK ADJUST button
Sets the current time.

14 RESET button
Used when replacing batteries.

15 TEST RUN button
Used when testing the air conditioner after installation.

16 Signal transmitter

17 Temperature set display

18 Operating mode display

19 Sleep display

20 Transmit indicator

21 Fan speed display

22 Swing display

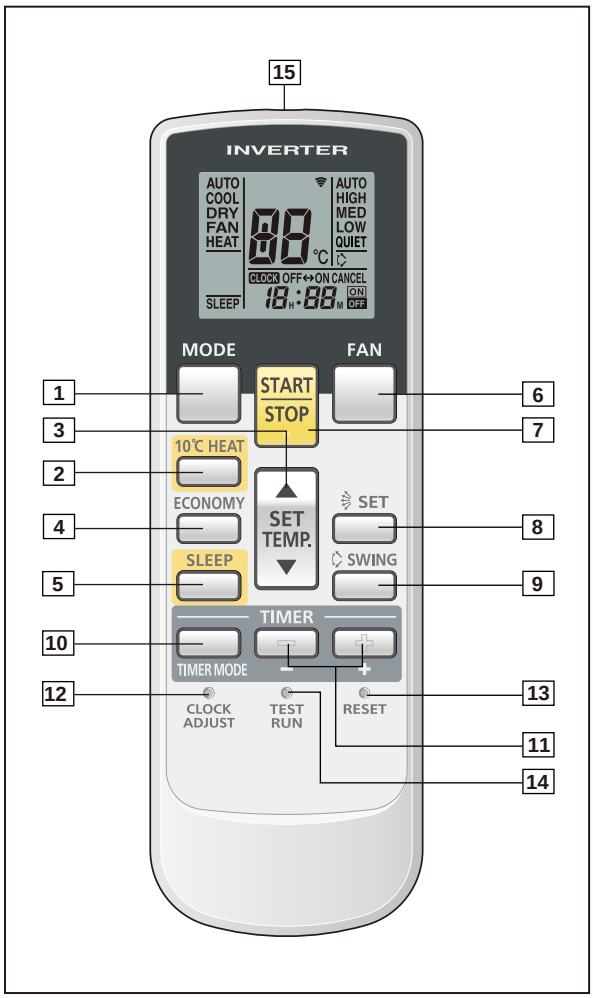
23 Timer mode display

24 Clock display

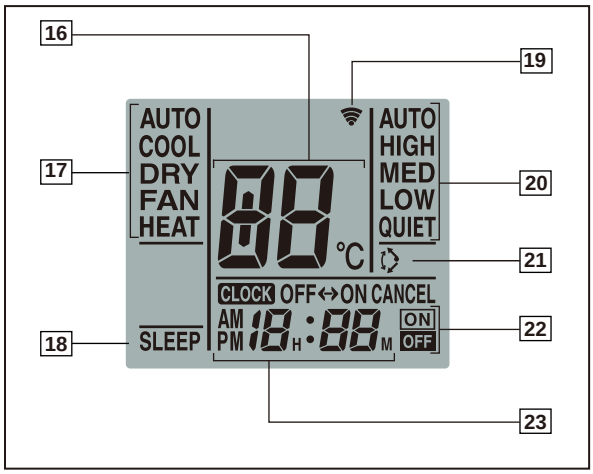
Note: Some button operations may not be available for all units or systems. For details, please see operation manual.

MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■ FUNCTIONS
## [Compact cassette, Wall mounted (LJ), Floor type]




Display panel




1 MODE button
Selects the operating mode (AUTO, COOL, DRY, FAN, HEAT). /Start / end R.C. signal code change. (Max. 4 signal codes)

2 10°C HEAT button

3 SET TEMP. button ( ▲ / ▼ )
Sets the indoor temp./ Sets R.C. signal code.

4 ECONOMY button

5 SLEEP button
Pressed to select sleep timer.

6 FAN button
Selects the fan speed (AUTO, HIGH, MED, LOW, QUIET).

7 START/STOP button
Pressed to start and stop operation.

8 SET button (Vertical)
Airflow direction vertical set button.

9 SWING button
Airflow direction swing button.

10 TIMER MODE button
Pressed to select the timer mode. (OFF TIMER, ON TIMER, PROGRAM TIMER, TIMER RESET)

11 TIMER ( + / - ) button
Sets the current time and on-off time.

12 CLOCK ADJUST button
Sets the current time.

13 RESET button
Used when replacing batteries.

14 TEST RUN button
Used when testing the air conditioner after installation.

15 Signal transmitter

16 Temperature set display

17 Operating mode display

18 Sleep display

19 Transmit indicator

20 Fan speed display

21 Swing display

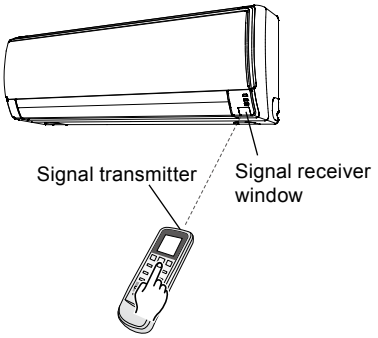
22 Timer mode display

23 Clock display

Note: Some button operations may not be available for all units or systems. For details, please see operation manual.

MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■ SYSTEM DIAGRAM

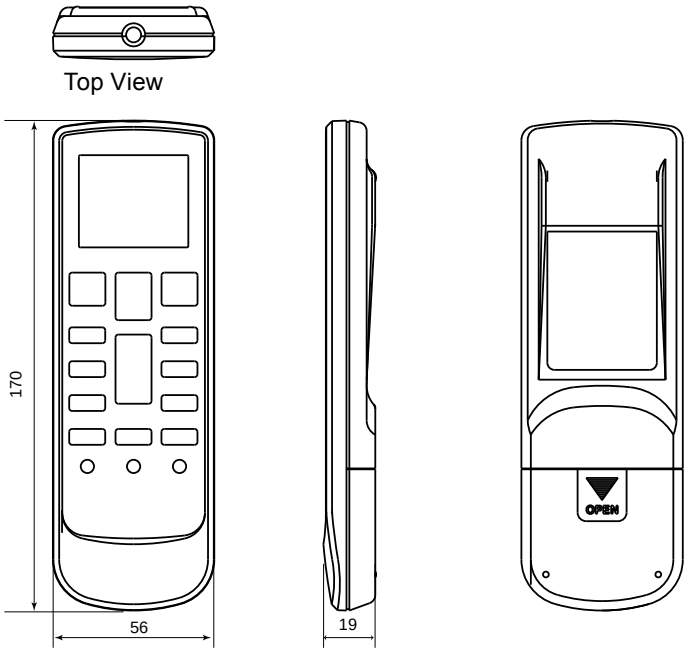



- Control signal might not be recognized in following cases:
  (i) A curtain or a wall, etc. exists between transmitter and receiver.
  (ii) There is an instant-start type (inverter type, etc.) fluorescent lamp in the room.
- Air conditioner might not work correctly when strong light hits the signal receiver window. Shut off the direct sunlight and also make illuminator far away from the receiver window.

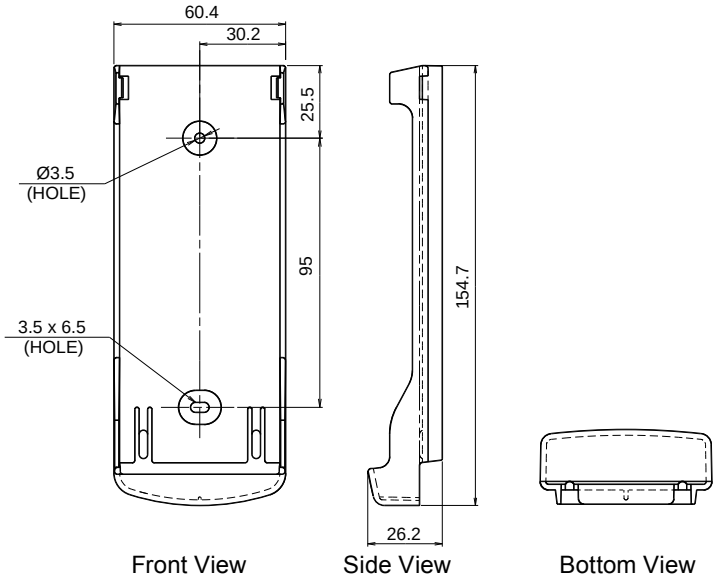
# ■ DIMENSIONS

## ● Controller

[Unit : mm]

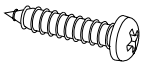



## ● Holder



MULTI TYPE
2, 3, 4 ROOMS TYPE

## ■ PACKING LIST

| Name and shape | Quantity | Application |
|---|---|---|
| Remote controller holder  | 1 | Use as remote controller holder |
| Tapping screw  | 2 | For remote controller holder installation |
| Battery<br>[ 1.5V (R03 / AAA) ]  | 2 | For remote controller |

## ■ SPECIFICATIONS

| | |
|---|---|
| Dimensions [H x W x D]: (mm) | 170 x 56 x 19 |
| Weight : (g) | 85 [w/o batteries] |

MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■ MODEL : AR-REA2E

# ■ FEATURES



∗ 5 mode timer setup available (ON / OFF / WEEKLY / PROGRAM / SLEEP).
∗ Easy operation.
∗ Easy to change signal code (max. 4 signal codes) by button operation.

## ● Simple function setting

Setting of the air conditioner selection function is performed by remote controller.

## ● Built-in timers

Select from five different timer programs (On / Off / Weekly / Program / Sleep).

## ● Weekly timer

Weekly timer can be easily set by wireless remote controller. ON, OFF can be set up to 4 times in 1 day and up to 28 times in 1 week.

## ● Program timer

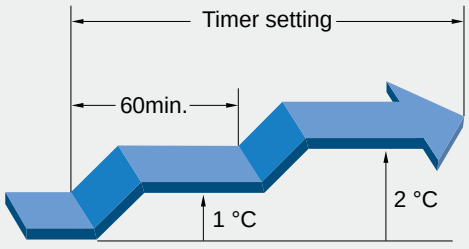
The program timer operates the on and off timer once within a 24 hour period.

## ● Sleep timer

The sleep timer function automatically corrects the temperature thermostat setting according to the timer setting to prevent excessive cooling and heating while sleeping.

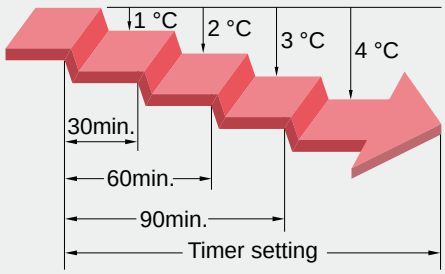
### Cooling operation/dry operation

When the sleep timer is set, the set temperature automatically rises 1 °C every hour. The set temperature can rise up to a maximum of 2 °C.

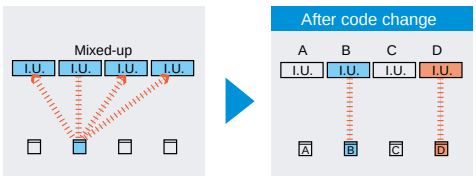



### Heating operation

When the sleep timer is set, the set temperature automatically drops 1 °C every 30 minutes. The set temperature can drop to a maximum of 4 °C.




## ● Switching remote controller signal code

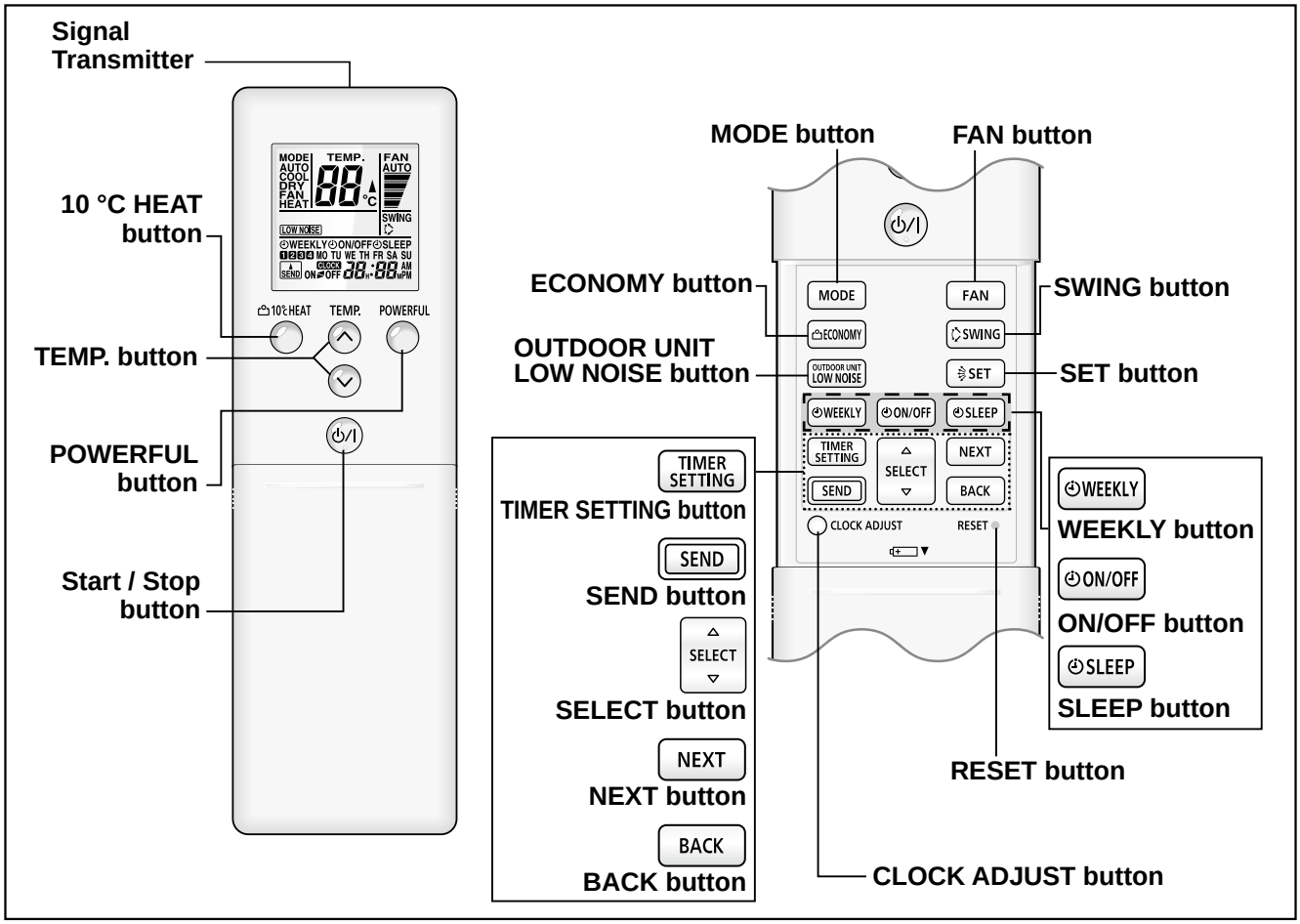



• Code selector switch eliminates units being wrongly switched.
(Up to 4 signal codes can be set.)

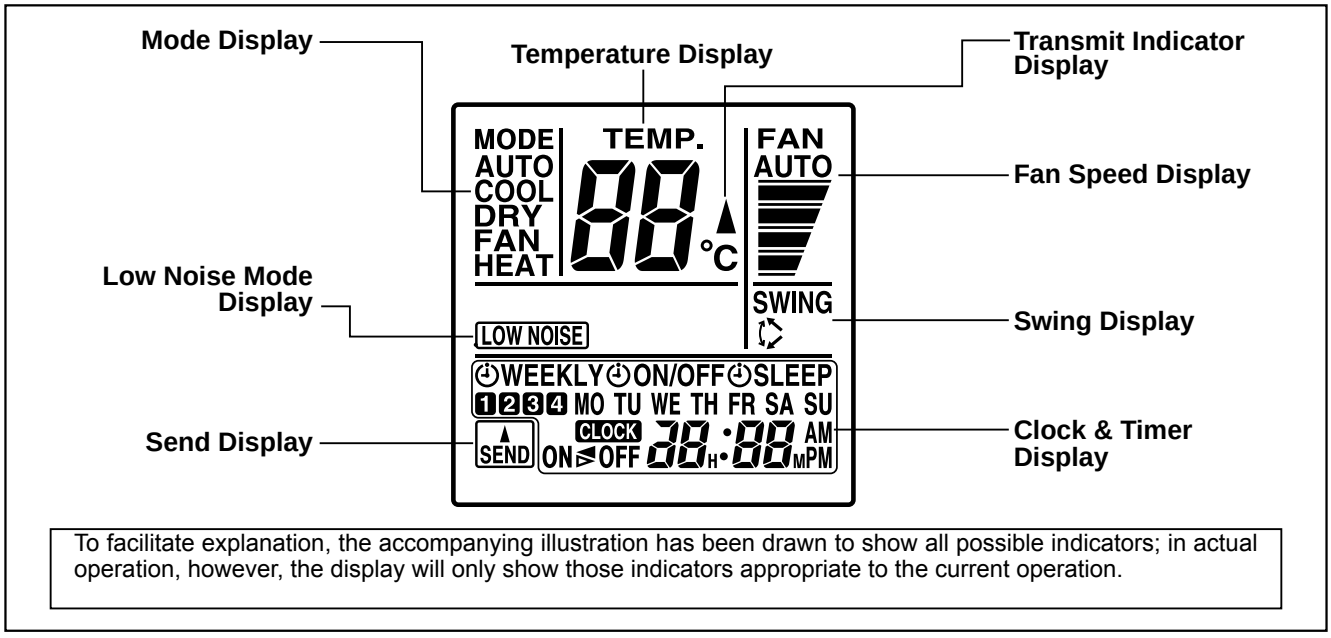
*I.U.=Indoor unit

MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■ FUNCTIONS [Wall mounted (LU) type]




Display panel




To facilitate explanation, the accompanying illustration has been drawn to show all possible indicators; in actual operation, however, the display will only show those indicators appropriate to the current operation.

Note: Some button operations may not be available for all units or systems.
For details, please see operation manual.

MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■ MODEL: AR-REB1E

# ■ FEATURES



∗ 4 mode timer setup available (ON / OFF / PROGRAM / SLEEP).
∗ Easy operation.
∗ Easy to change signal code (max. 4 signal codes) by button operation.

## ● Simple function setting

Setting of the air conditioner selection function is performed by remote controller.

## ● Built-in timers

Select from four different timer programs (On / Off / Program / Sleep).

## ● Program timer

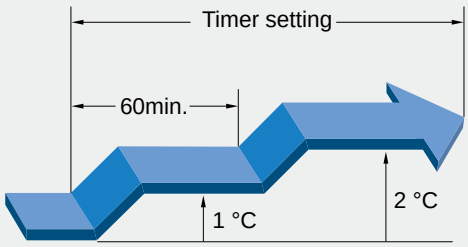
The program timer operates the on and off timer once within a 24 hour period.

## ● Sleep timer

The sleep timer function automatically corrects the temperature thermostat setting according to the timer setting to prevent excessive cooling and heating while sleeping.

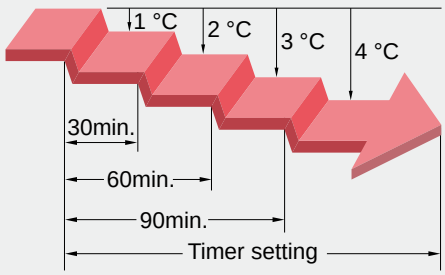
### Cooling operation/dry operation

When the sleep timer is set, the set temperature automatically rises 1 °C every hour. The set temperature can rise up to a maximum of 2 °C.

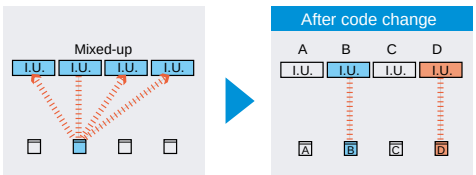



### Heating operation

When the sleep timer is set, the set temperature automatically drops 1 °C every 30 minutes. The set temperature can drop to a maximum of 4 °C.




## ● Switching remote controller signal code

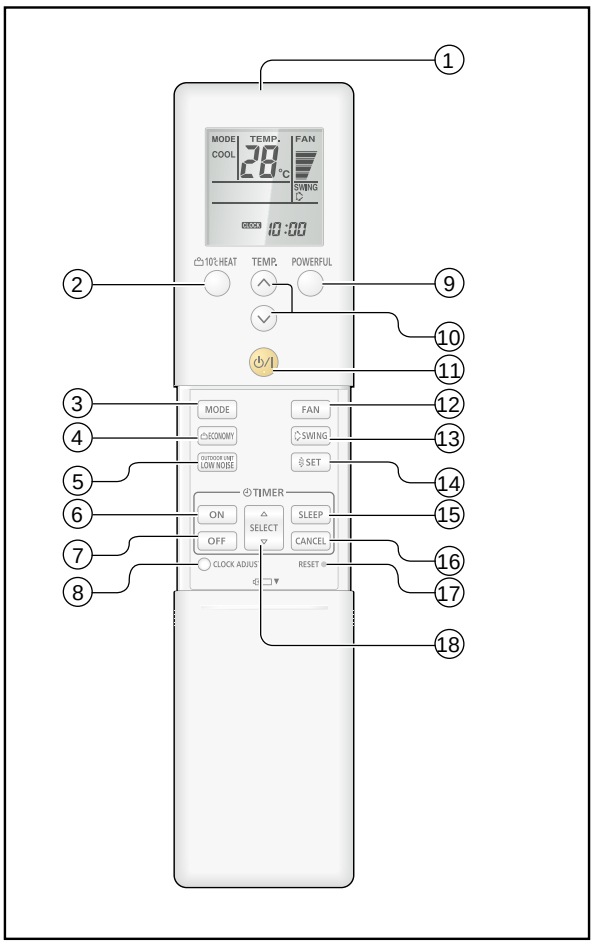



• Code selector switch eliminates units being wrongly switched.
(Up to 4 signal codes can be set.)

*I.U.=Indoor unit

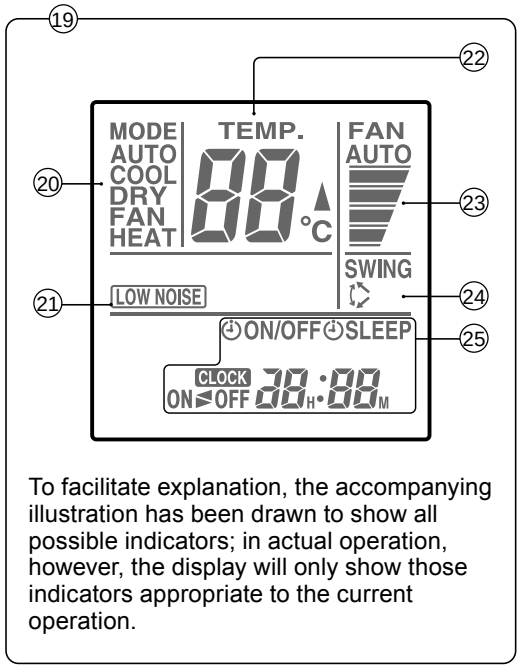
MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■ FUNCTIONS [Wall mounted (LM) type]




① **Signal Transmitter**
② **10 °C HEAT button**
③ **MODE button**
④ **ECONOMY button**
⑤ **OUTDOOR UNIT LOW NOISE button**
⑥ **ON TIMER button**
⑦ **OFF TIMER button**
⑧ **CLOCK ADJUST button**
⑨ **POWERFUL button**
⑩ **TEMP. Set button ( ▲ / ▼ )**
⑪ **Start/Stop button**
⑫ **FAN button**
⑬ **SWING button**
⑭ **SET button**
⑮ **SLEEP TIMER button**
⑯ **CANCEL button**
⑰ **RESET button**
⑱ **TIMER SELECT button ( ▲ / ▼ )**

Display panel



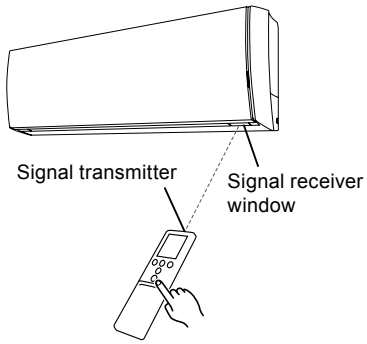

To facilitate explanation, the accompanying illustration has been drawn to show all possible indicators; in actual operation, however, the display will only show those indicators appropriate to the current operation.

⑲ **Remote Controller Display**
⑳ **Operation Mode Display**
㉑ **Low Noise Mode Display**
㉒ **Temperature Set Display**
㉓ **Fan Speed Display**
㉔ **Swing Display**
㉕ **Clock & Timer Display**

Note: Some button operations may not be available for all units or systems. For details, please see operation manual.

MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■ SYSTEM DIAGRAM (AR-REA2E, AR-REB1E)

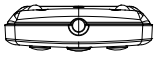



- Control signal may not be recognized in following cases:
  (i) A curtain or a wall, etc. exists between transmitter and receiver.
  (ii) There is an instant-start type (inverter type, etc.) fluorescent lampin the room.
- Air conditioner may not work correctly when strong light hits the signal receiver window. Shut off direct sunlight and also place illuminator far away from the receiver window.

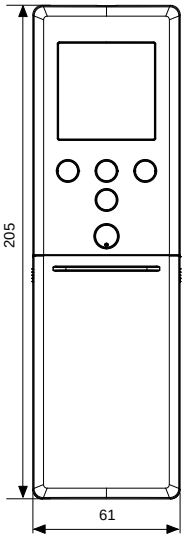
# ■ DIMENSIONS

## ● Controller

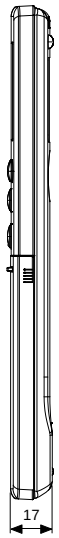
[Unit : mm]



Top View

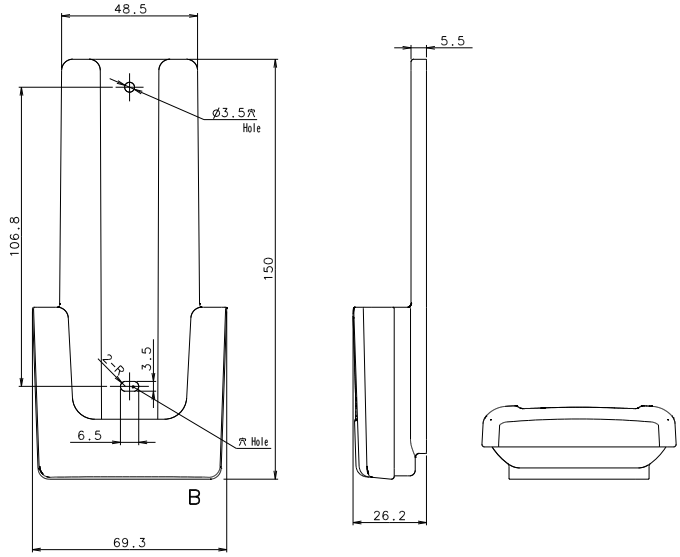



Front View




Side View

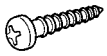
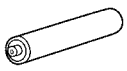
## ● Holder




Front View Side View Bottom View

MULTI TYPE
2, 3, 4 ROOMS TYPE

## ■ PACKING LIST

| Name and shape | Quantity | Application |
|---|---|---|
| Remote controller holder  | 1 | Use as remote controller holder |
| Tapping screw  | 2 | For remote controller holder installation |
| Battery<br>[ 1.5V (R03 / AAA) ]  | 2 | For remote controller |

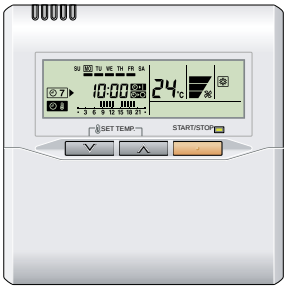
## ■ SPECIFICATIONS

| | |
|---|---|
| Dimensions [H x W x D]: (mm) | 205 x 61 x 17 |
| Weight : (g) | 122 [w/o batteries] |

MULTI TYPE
2, 3, 4 ROOMS TYPE

# 2-2. WIRED REMOTE CONTROLLER [For Slim duct type]

## ■ FEATURES



- Various timer setup available (ON / OFF / WEEKLY).
- Equipped with weekly timer as standard function. (Start / Stop function is twice per day for a week)
- When setting up the timer, start / stop and temperature setup can be changed.
- When a failure occurs,the error code is displayed.
- Error history.(Last 16 error codes can be accessed.)
- The room temperature is detected and controlled accurately by the built-in thermo sensor.

### ● Powerful features and compact size

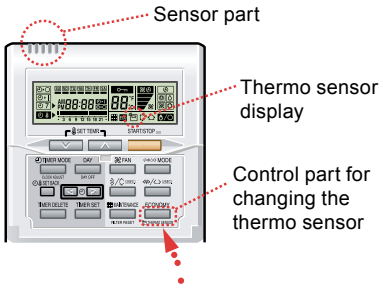
Individual control + Thermo sensor + Weekly timer + Setback timer = Wired remote controller

### ● Accurate and comfortable

Indoor temperature can be detected accurately by the inclusion of a thermo sensor in the body of the wired controller.

Our system can correspond to various scenes.

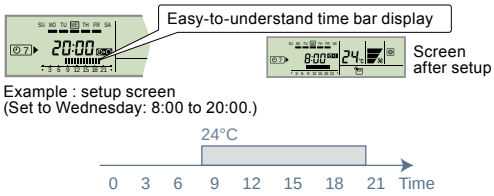
This wired remote controller and the optional remote sensor allows flexibility in sensor location, and suitable for all requirements.




### ● Built-in timers

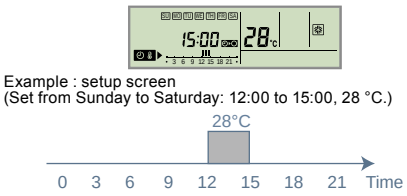
**Weekly timer**

Possible to set ON/OFF time to operate twice each day of the week.




**Setback timer**

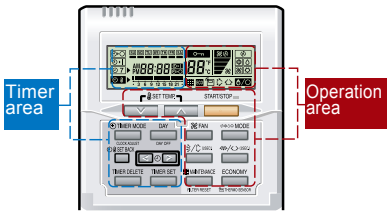
Possible to set temperature for two time spans and for each day of the week.




**At "Weekly timer" + "Set back timer" setup**




### ● Easy-to-understand operation

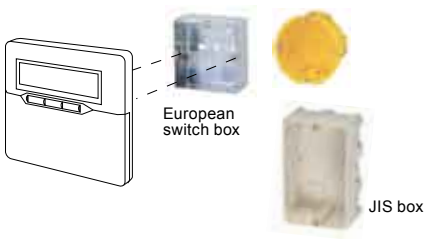



**[Variable timer control]**

The operation/display sections are zoned according to time and operation, enabling variable programming to match application.

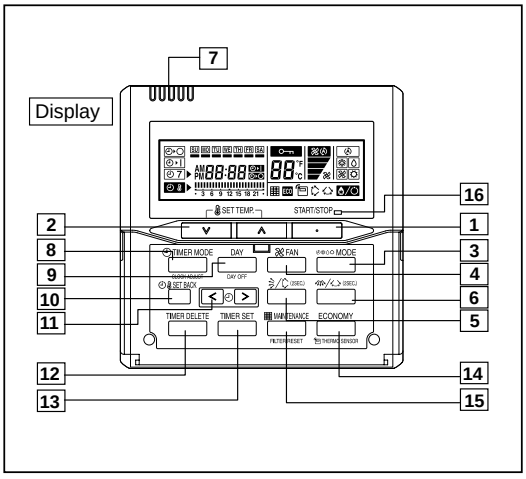
### ● Simple installation

Components are compatible with standard switch boxes. Flat back surface allows equipment to be installed wherever it is needed.

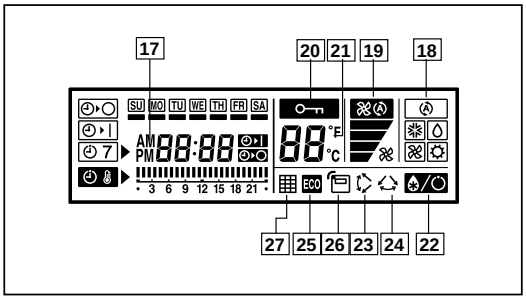


MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■ FUNCTIONS




Display panel




1 START/STOP button
Pressed to start and stop operation.

2 SET TEMP. button
Selects the setting temperature.

3 MODE button
Selects the operating mode (AUTO, COOL, DRY, FAN, HEAT).

4 FAN button
Selects the fan speed (AUTO, HIGH, MED, LOW, QUIET).

5 Vertical air flow direction and swing button
Press for two seconds to change the swing mode

6 Horizontal air flow direction and swing button
Press for two seconds to change the swing mode.

7 Built-in thermo sensor
Detects the room temperature.

8 TIMER MODE (CLOCK ADJUST) button
Selects the timer mode (OFF TIMER, ON TIMER, WEEKLY TIMER)
Sets the current time.

9 DAY (DAY OFF) button
Temporarily cancels one day timer.

10 SET BACK button
Pressed to select the set back timer.

11 SET TIME button
Pressed to set time.

12 TIMER DELETE button
Deletes the weekly timer schedule.

13 TIMER SET button
Sets the date, hour, minute and on-off time.

14 ECONOMY (THERMO SENSOR) button

15 FILTER RESET button

16 Operation lamp
Lights during operation and when the timer is on.

17 Timer and clock display

18 Operation mode display

19 Fan speed display

20 Operation lock display

21 Temperature display
Displayed temperature is set temperature.

22 Defrost display
Indicates oil recovery and defrosting operation.

23 Vertical swing display

24 Horizontal swing display

25 Economy display

26 Thermo sensor display

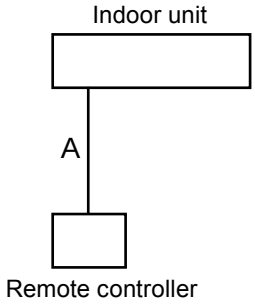
27 Filter display

Note: Some button operations may not be available for all units or systems. For details, please see operation manual.

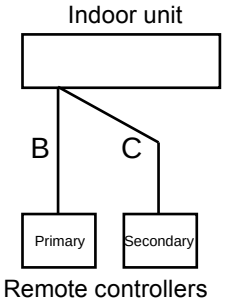
MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■ SYSTEM DIAGRAM

## ●1 remote controller



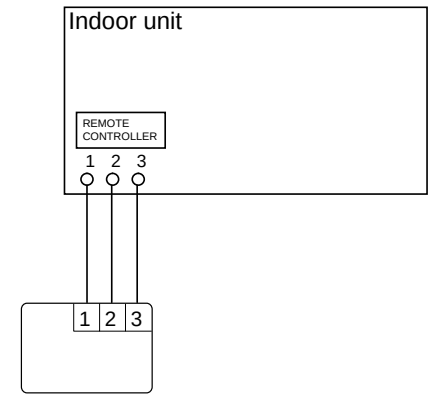

## ●2 remote controllers



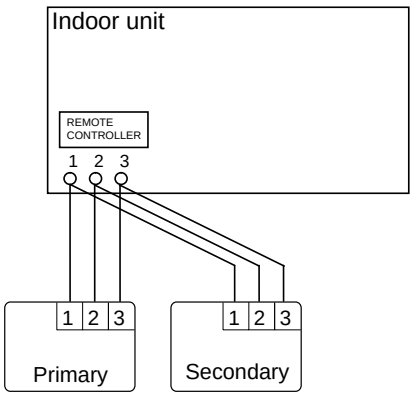

A , B , C : Remote controller cable.
A ≦ 500m ; B+C ≦ 500m

# ■ ELECTRICAL WIRING

## ●1 remote controller



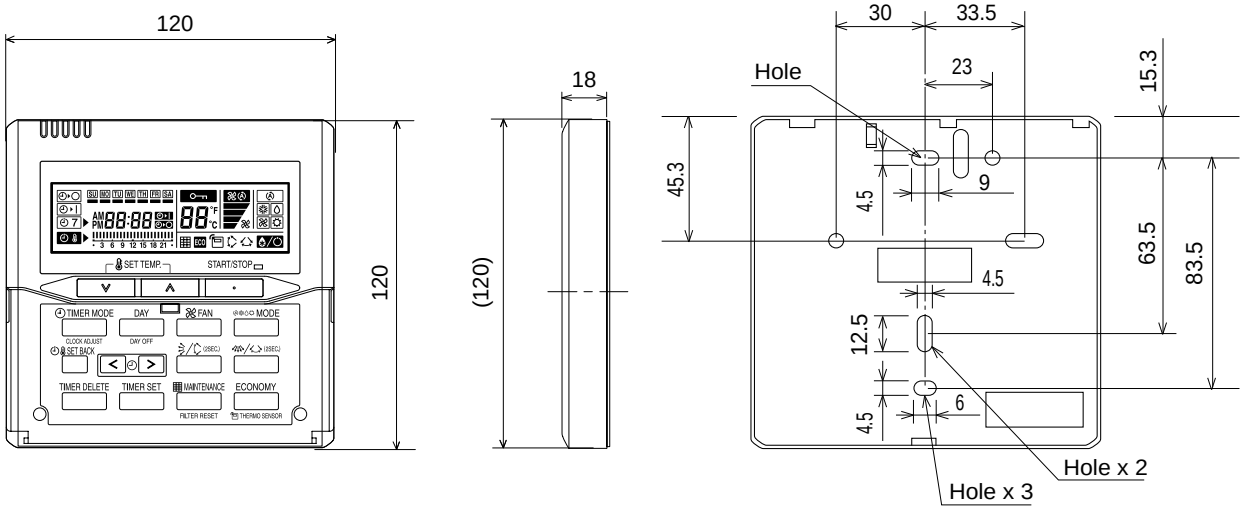

## ●2 remote controllers




1 (RED) : 12V
2 (WHITE) : Signal
3 (BLACK) : COM

# ■ DIMENSIONS

[Unit : mm]




Front View　　Side View　　Rear View

MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■ INSTALLATION

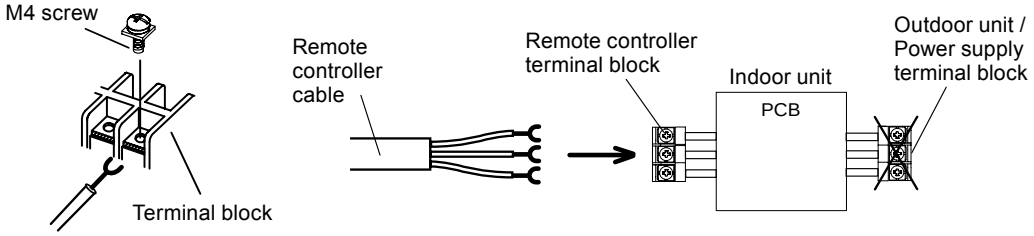
## ● Connection Pattern

Note: Connection pattern is different according to type of Indoor unit.

| Indoor unit types | | Connection Pattern |
|---|---|---|
| Compact Cassette type | | Pattern A |
| Slim Duct type | | |
| Floor / Ceiling type | | |
| Wall Mounted type | LJ | Pattern B |
| | LU | |
| | LM | |
| | LF | Pattern C |
| Floor type | | |

## ● Pattern A

Connect the end of remote controller cable directly to the exclusive terminal block.

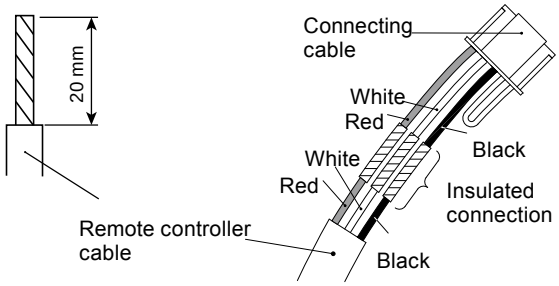



Note: It may be failed if it is connected to the outdoor unit or the terminal block for power supply.

## ● Pattern B

1) Modify the remote controller cable as per below methods.

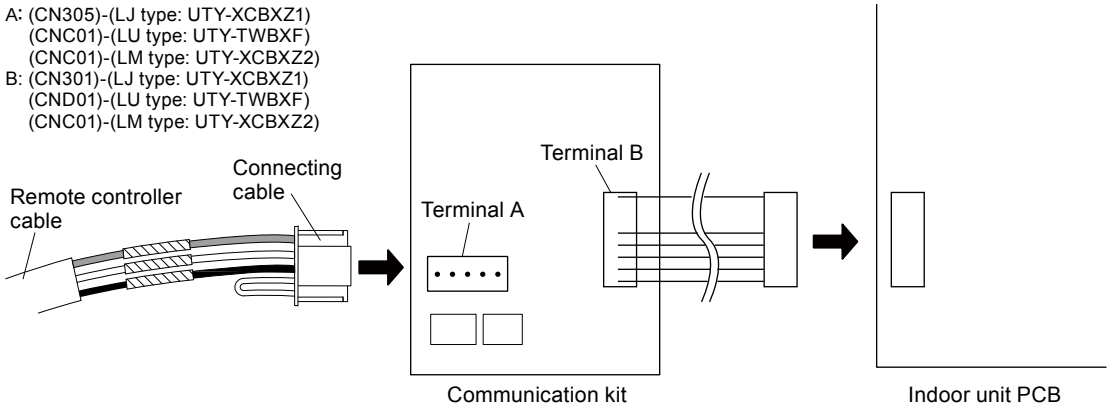
- Use a tool to cut off the terminal on the end of the remote controller cable and then remove the insulation from the cut end of the cable as shown in Fig.
- Connect the remote controller cable and connecting cable as shown in Fig.
- Be sure to insulate the connection between the cables.




2) Method of connecting remote controller cable

- Connecting cable made by above-mentioned 1) is connected with Terminal A of optional communication kit .
- Cable connected with Terminal B of communication kit is connected with PCB of Indoor unit.

A: (CN305)-(LJ type: UTY-XCBXZ1)
(CNC01)-(LU type: UTY-TWBXF)
(CNC01)-(LM type: UTY-XCBXZ2)
B: (CN301)-(LJ type: UTY-XCBXZ1)
(CND01)-(LU type: UTY-TWBXF)
(CNC01)-(LM type: UTY-XCBXZ2)

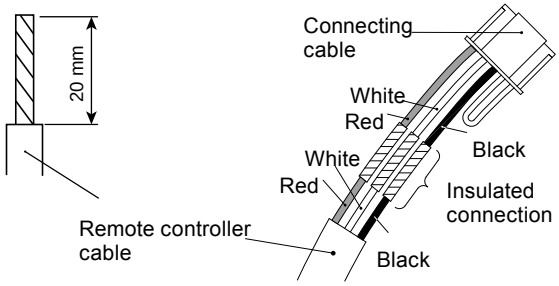


MULTI TYPE
2, 3, 4 ROOMS TYPE

## ● Pattern C

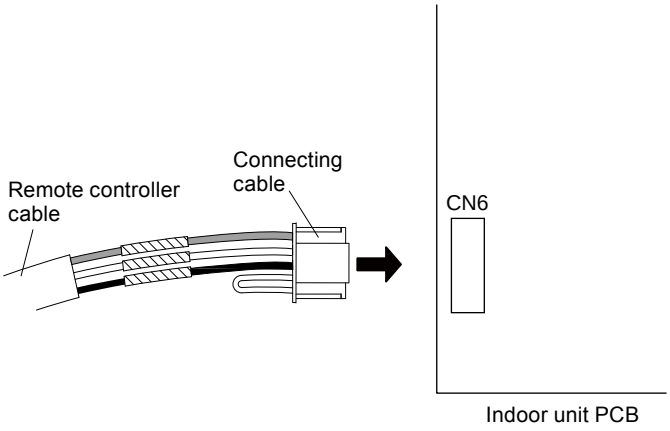
1) Modify the remote controller cable as per below methods.

- Use a tool to cut off the terminal on the end of the remote controller cable and then remove the insulation from the cut end of the cable as shown in Fig.
- Connect the remote controller cable and connecting cable as shown in Fig.
- Be sure to insulate the connection between the cables.



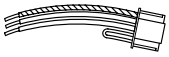

2) Method of connecting remote controller cable

- Connecting cable made by above-mentioned 1) is connected with PCB of Indoor unit.



MULTI TYPE
2, 3, 4 ROOMS TYPE

## ■ PACKING LIST

| Name and shape | Quantity | Application |
|---|---|---|
| Operating manual  | 1 | |
| Installation manual  | 1 | |
| Remote controller cable (10m)  | 1 | For connecting the remote controller |
| Screw (M4 x 16mm)  | 2 | For installing the remote controller |
| Cable tie  | 1 | To tie the remote controller and cables |
| Connecting cable *1  | 1 | For connecting the remote controller cable to the Wall mounted type indoor unit |
| Screw *1 (M4 x 14mm)  | 1 | For installing the remote controller cable to the indoor unit |
| Cable clamper *1  | 1 | For installing the remote controller cable to the indoor unit |

*1: Use only if the remote controller cable must be modified for the indoor unit model.

## ■ WIRING SPECIFICATIONS

| Use | Cable size | Wire type | Remarks |
|---|---|---|---|
| Remote controller cable | 0.33 $mm^2$ (22 AWG) | Polar 3 core | Use sheathed PVC cable |

## ■ SPECIFICATIONS

| | |
|---|---|
| Dimensions [H x W x D]: (mm) | 120 x 120 x 18 |
| Weight: (g) | 160 |

## ■ PART (OPTIONAL)

| | Wall mounted | | |
|---|---|---|---|
| Model name | AS∗G07LJCA<br>AS∗G09LJCA<br>AS∗G12LJCA | AS∗G07LUCA<br>AS∗G09LUCA<br>AS∗G12LUCA<br>AS∗G14LUCA | AS∗G07LMCA<br>AS∗G09LMCA<br>AS∗G12LMCA<br>AS∗G14LMCA |
| | UTY-XCBXZ1 | UTY-TWBXF | UTY-XCBXZ2 |

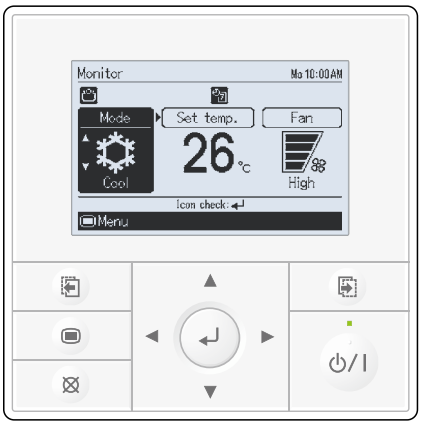
*The communication kit is necessary for connecting the wired remote controller to the Wall mounted type.

MULTI TYPE
2, 3, 4 ROOMS TYPE

# 2-3. WIRED REMOTE CONTROLLER (Optional parts)

## ■ MODEL: UTY-RVN*M

- Large and full-dot liquid crystal screen
- Screen with backlight can be seen even in the dark
- Wide and large keys easy to press, user-intuitive arrow key




## ■ FEATURES

### ● Individual Control

- Installation of two remote controllers are possible to one indoor unit.

### ● User-friendly operation

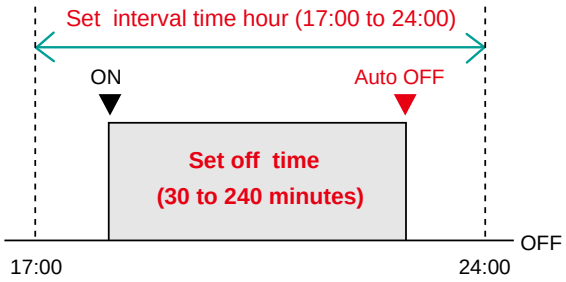
- Large backlight LED screen
- Large easy-to-see operation panel
- Multiple Language Supporting
  (English, German, French, Spanish, Russian, Portuguese, Italian, Greek and Turkish)

MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■ MAIN FUNCTIONS

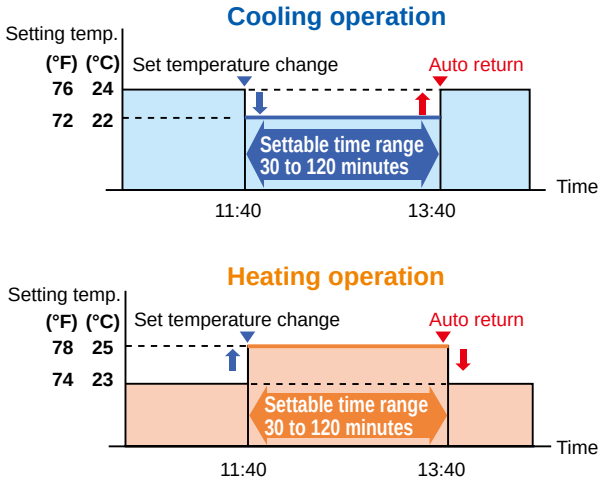
## ● Auto off timer

Ex) At interval time hour (17:00 to 24:00) to prevent forgetting to turn off



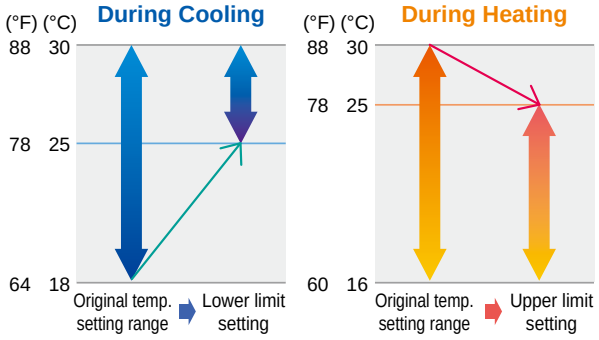

- The indoor unit automatically turns off after a set time has passed.
- The time interval for which auto off works can be set.

## ● Set temperature auto return




- The setting temperature automatically returns to the previous setting temperature.
- The time range in which the set temperature can be changed is 30 to 120 minutes.

## ● Set temperature upper and lower limit setting

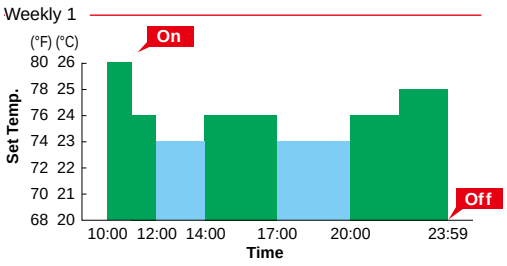



- The set temperature range can be set for each operation mode. (Cooling / Heating / Auto)

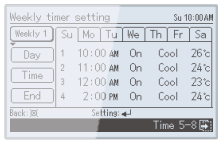
MULTI TYPE
2, 3, 4 ROOMS TYPE

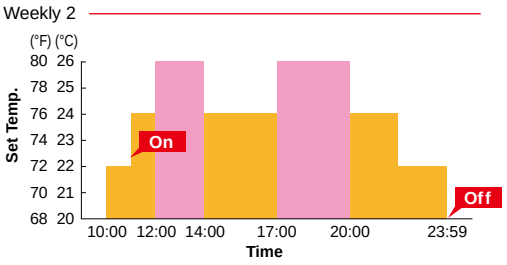
## ● Weekly timer function

● Not only time setting On/Off, but also setting of the operation mode and set temperature can be set by Weekly timer function.
Two types of settings: Weekly 1 and Weekly 2 for summer and winter are possible.

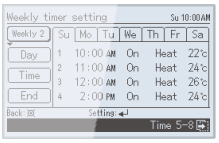



Setting menu in remote controller

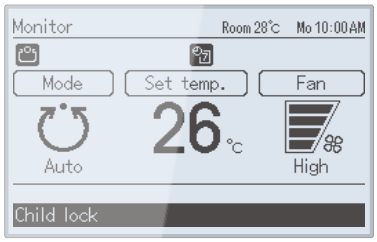



Setting menu in remote controller

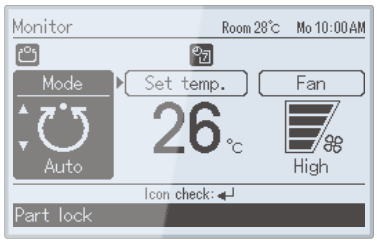



## ● Child lock



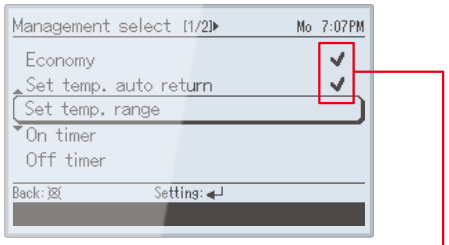

● This function locks all control.

## ● Part lock




● This function locks the setting of functions other than Mode, Set temp. and Fan.

## ● Management (Password)

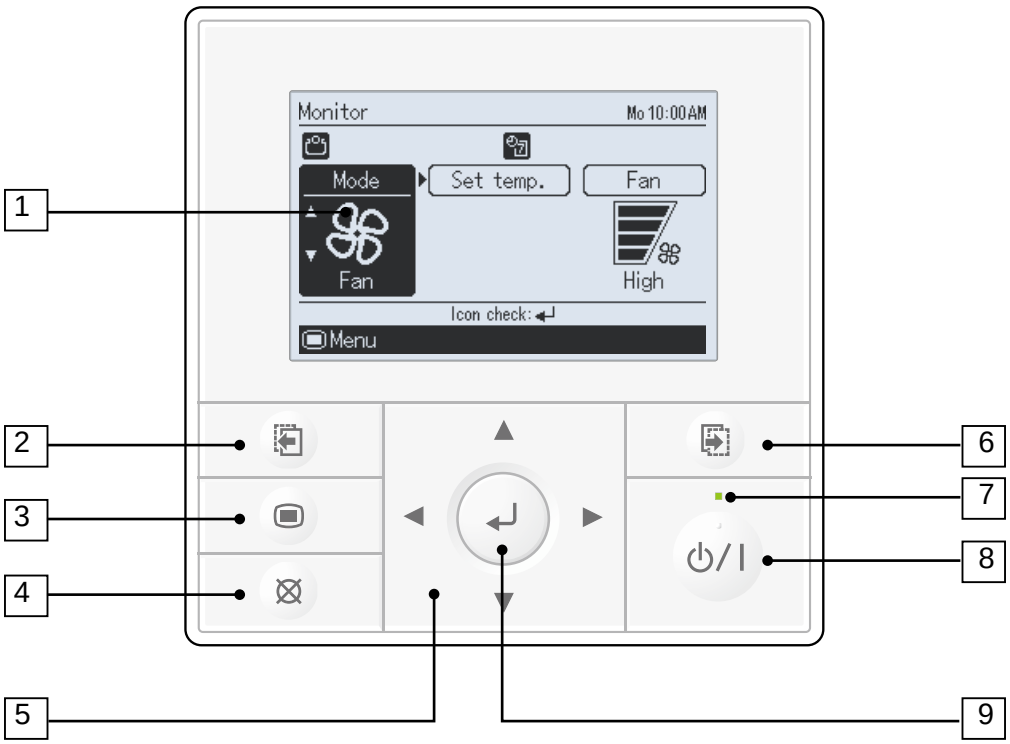



Functions with this mark are restricted.

● Unwanted functions can be restricted.
● Password is necessary to operate.

MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■ FUNCTIONS

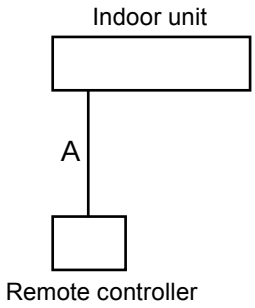



1 Display panel (with backlight)
2 Screen switch button (Left)
3 Menu button
4 Cancel button
5 Cursor button
6 Screen switch button (Right)
7 Power indicator
8 On / Off button
9 Enter button

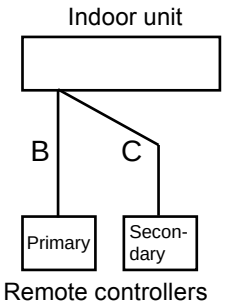
MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■ SYSTEM DIAGRAM

## ●1 remote controller



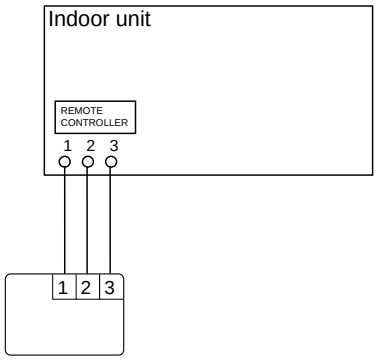

## ●2 remote controllers



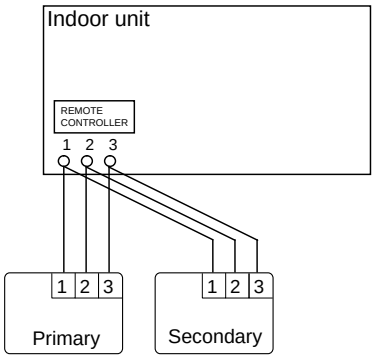

A , B , C : Remote controller cable.

# ■ ELECTRICAL WIRING

## ●1 remote controller




## ●2 remote controllers

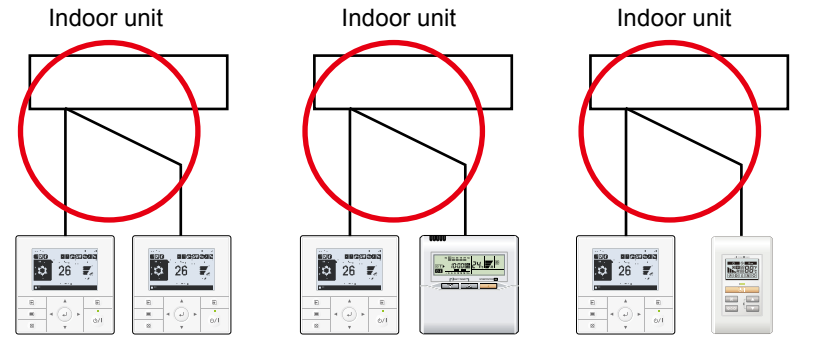



1 (RED) : 12V
2 (WHITE) : Signal
3 (BLACK) : COM

# ■ CONTROLLER COMBINATION

As for the combined usage of remote controllers, refer to following figures.

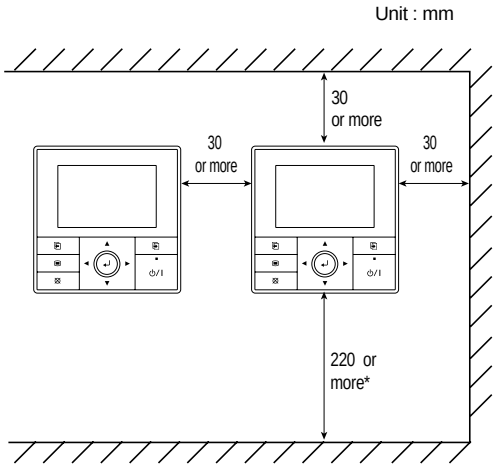
## ●Good



MULTI TYPE
2, 3, 4 ROOMS TYPE

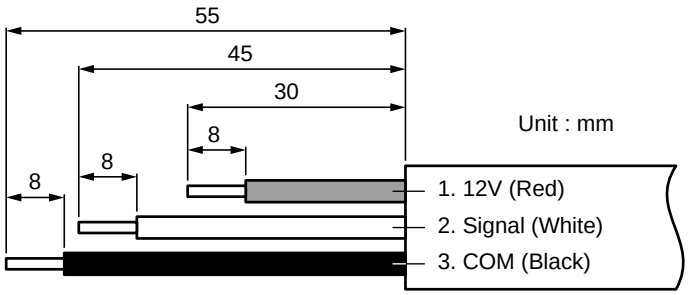
# ■ INSTALLATION

1) Installation space.

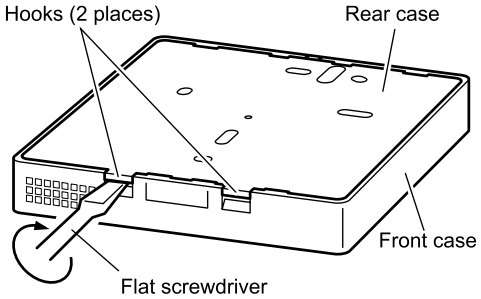



* Please secure enough space where a flat screwdriver to take off a case can be inserted.

2) Processing of the remote controller cable.




3) Insert the flat-blade screwdriver and remove the front case and rear case by twisting it slightly.

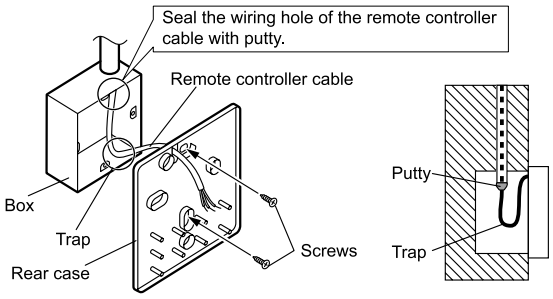


MULTI TYPE
2, 3, 4 ROOMS TYPE

4) Installing the remote controller

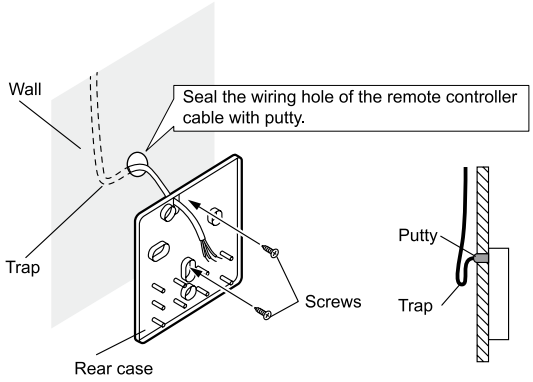
### A. When attaching to switch box:

(1) Seal the wiring hole of the remote controller cable.
(2) Put a remote controller cable through the hole of the rear case.
(3) Fix the rear case by securing it with attached screws (2 places).



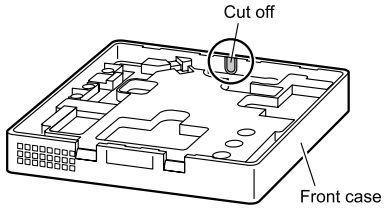

### B. When attaching to the wall directly:

(1) Seal the wiring hole of the remote controller cable.
(2) Put a remote controller cable through the back hole of the rear case of the main body.
(3) Fix the rear case by securing it with attached screws (2 places).

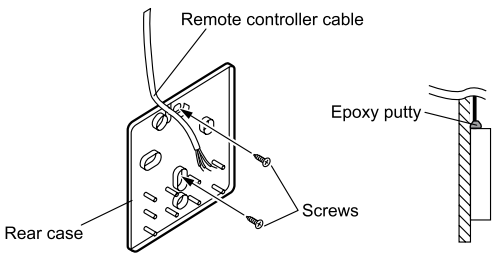



### C. When routing the cable on-wall:

(1) Cut off the cable guide of the front case with using a knife or a nipper.
(2) Deburr the edge of the cable guide.



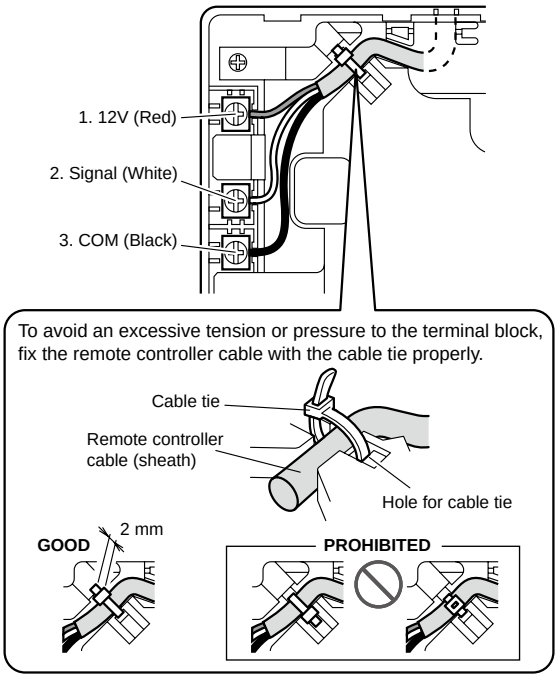

(3) Fix the rear case by securing it with attached screws (2 places).



MULTI TYPE
2, 3, 4 ROOMS TYPE

5) Connect the cable to the terminals on the front case. Fix the cable together with the sheath with the cable tie. Cut off the excess cable tie.

| Tightening torque | |
|---|---|
| Terminal screw | 0.8 to 1.2N • m |

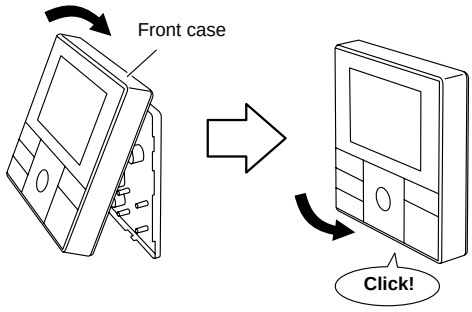


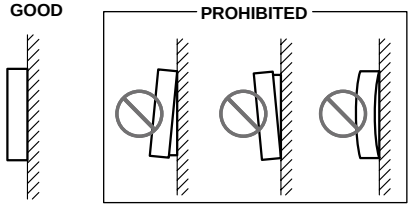

**⚠ CAUTION**

- Be careful to avoid breaking the cable by over-tightening the cable tie.
- When connecting the remote controller cables, do not over-tighten the screws.

6) Attach the front case.

- Insert after adjusting upper part of front case.
- When insert the front case, do not pinch the cable.




**⚠ CAUTION**

- Insert the upper case firmly. If improperly attached, it will cause the upper case to fall off.

MULTI TYPE
2, 3, 4 ROOMS TYPE

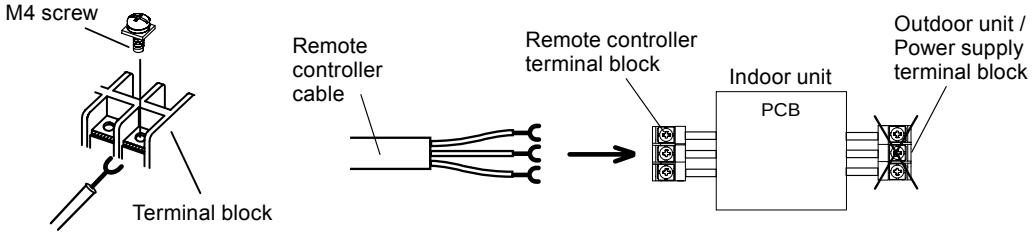
## ● Connection Pattern

Note: Connection pattern is different according to type of Indoor unit.

| Indoor unit types | | Connection Pattern |
|---|---|---|
| Compact Cassette type | | Pattern A |
| Slim Duct type | | |
| Floor / Ceiling type | | |
| Wall Mounted type | LJ | Pattern B |
| | LU | |
| | LM | |
| | LF | Pattern C |
| Floor type | | |

## ● Pattern A

Connect the end of remote controller cable directly to the exclusive terminal block.

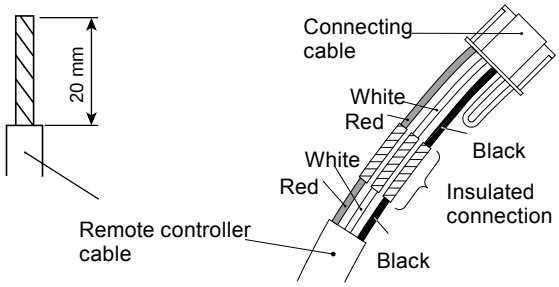



Note: It may be failed if it is connected to the outdoor unit or the terminal block for power supply.

## ● Pattern B

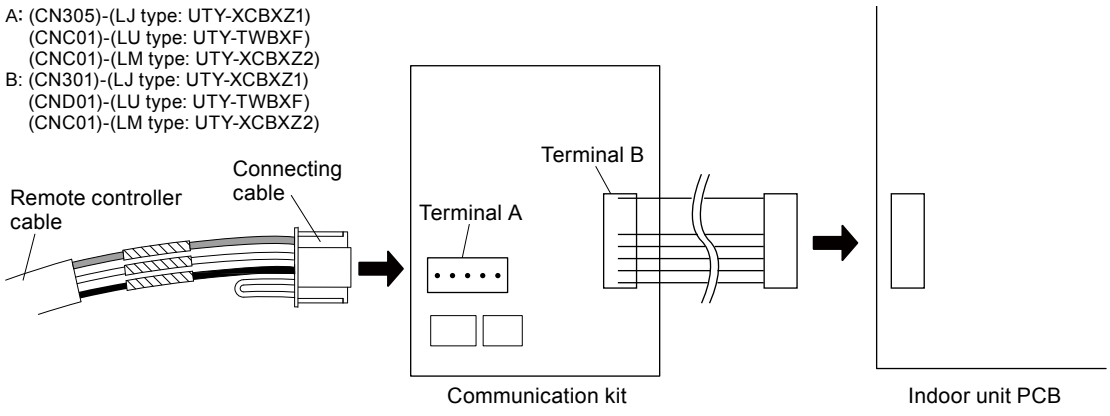
1) Modify the remote controller cable as per below methods.

- Use a tool to cut off the terminal on the end of the remote controller cable and then remove the insulation from the cut end of the cable as shown in Fig.
- Connect the remote controller cable and connecting cable as shown in Fig.
- Be sure to insulate the connection between the cables.




2) Method of connecting remote controller cable

- Connecting cable made by above-mentioned 1) is connected with Terminal A of optional communication kit.
- Cable connected with Terminal B of communication kit is connected with PCB of Indoor unit.

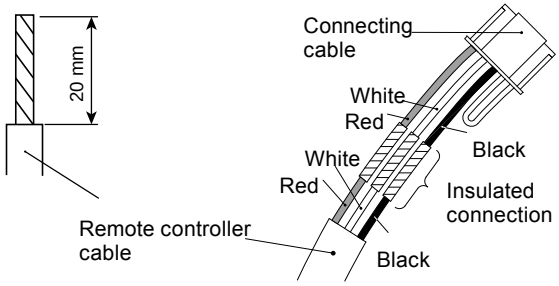


MULTI TYPE
2, 3, 4 ROOMS TYPE

## ● Pattern C

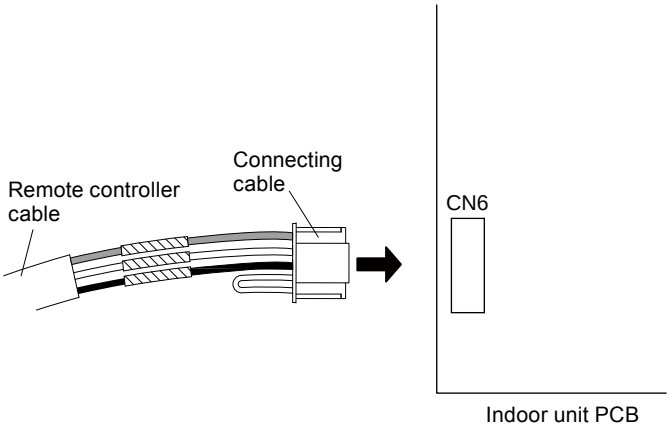
1) Modify the remote controller cable as per below methods.

- Use a tool to cut off the terminal on the end of the remote controller cable and then remove the insulation from the cut end of the cable as shown in Fig.
- Connect the remote controller cable and connecting cable as shown in Fig.
- Be sure to insulate the connection between the cables.




2) Method of connecting remote controller cable

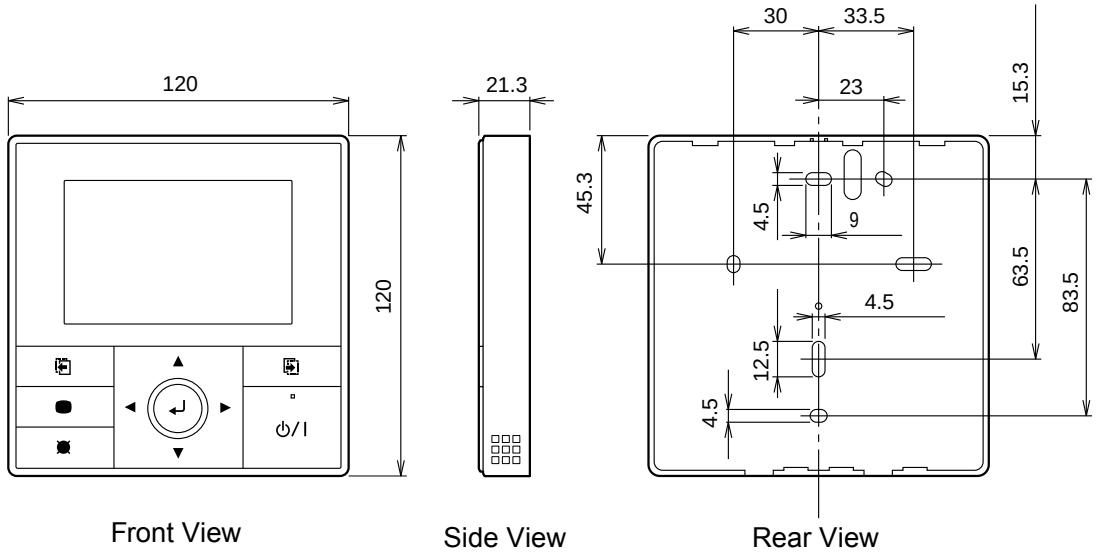
- Connecting cable made by above-mentioned 1) is connected with PCB of Indoor unit.



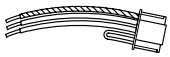
MULTI TYPE
2, 3, 4 ROOMS TYPE

## ■ DIMENSIONS

Unit : mm




## ■ PACKING LIST

| Name and shape | | Q'ty | Summary |
|---|---|---|---|
| Operating manual |  | 1 | Instruction book for operation |
| Installation manual |  | 1 | Instruction book for installation |
| Remote controller cable |  | 1 | For connecting the remote controller |
| Connecting cable |  | 1 | For connecting the remote controller cable to the wall mounted type. |
| Screw (M4 × 16 mm) |  | 2 | For installing the remote controller |
| Cable tie |  | 1 | To tie the remote controller and cables |
| Screw (M4 × 14 mm) |  | 1 | For installing the remote controller cable to the indoor unit |
| Cable clamper |  | 1 | For installing the remote controller cable to the indoor unit |

## ■ WIRING SPECIFICATIONS

| Use | Cable size | Wire type | Remarks |
|---|---|---|---|
| Remote controller cable | 0.33 $mm^2$ ( 22AWG ) | Polar 3 core | Use sheathed PVC cable |

## ■ SPECIFICATIONS

| | |
|---|---|
| Dimensions [H x W x D]: mm | 120 x 120 x 21.3 |
| Weight: g | 220 |

MULTI TYPE
2, 3, 4 ROOMS TYPE

## ■ PART (OPTIONAL)

| | Wall mounted | | |
|---|---|---|---|
| Model name | AS∗G07LJCA<br>AS∗G09LJCA<br>AS∗G12LJCA | AS∗G07LUCA<br>AS∗G09LUCA<br>AS∗G12LUCA<br>AS∗G14LUCA | AS∗G07LMCA<br>AS∗G09LMCA<br>AS∗G12LMCA<br>AS∗G14LMCA |
| | UTY-XCBXZ1 | UTY-TWBXF | UTY-XCBXZ2 |

*The communication kit is necessary for connecting the wired remote controller to the Wall mounted type.

MULTI TYPE
2, 3, 4 ROOMS TYPE

# 3. SPECIFICATIONS

## 3-1. COMPACT CASSETTE TYPE

| Model name | | | | | AU∗G07LVLA | AU∗G09LVLA | AU∗G12LVLA<br>AU∗G12LVLB | AU∗G14LVLA<br>AU∗G14LVLB | AU∗G18LVLA<br>AU∗G18LVLB |
|---|---|---|---|---|---|---|---|---|---|
| Power source | | | | | 1ø 230V ~ 50Hz | | | | |
| Available voltage range | | | | | 198-264V | | | | |
| Capacity | | | | | 2.0kW Class | 2.5kW Class | 3.5kW Class | 4.0kW Class | 5.0kW Class |
| Input power | | | | W | 18 | 18 | 23 | 28 | 39 |
| Running current | | | | A | 0.15 | 0.15 | 0.19 | 0.22 | 0.30 |
| Fan | Airflow rate | Cooling | High | $m^3/h$ | 540 | 540 | 610 | 680 | 750 |
| | | | Med | | 490 | 490 | 530 | 580 | 610 |
| | | | Low | | 440 | 440 | 470 | 490 | 520 |
| | | | Quiet | | 390 | 390 | 410 | 410 | 410 |
| | | Heating | High | | 540 | 540 | 610 | 700 | 800 |
| | | | Med | | 490 | 490 | 530 | 620 | 710 |
| | | | Low | | 440 | 440 | 470 | 550 | 600 |
| | | | Quiet | | 390 | 390 | 410 | 430 | 450 |
| | Type × Q'ty | | | | Turbo × 1 | | | | |
| | Motor Output | | | W | 42 | | | | |
| Sound pressure level | | Cooling | High | dB(A) | 33 | 33 | 37 | 40 | 42 |
| | | | Med | | 31 | 31 | 33 | 35 | 37 |
| | | | Low | | 29 | 29 | 31 | 32 | 33 |
| | | | Quiet | | 27 | 27 | 28 | 29 | 29 |
| | | Heating | High | | 34 | 34 | 37 | 40 | 44 |
| | | | Med | | 32 | 32 | 33 | 37 | 40 |
| | | | Low | | 29 | 29 | 31 | 34 | 37 |
| | | | Quiet | | 27 | 27 | 28 | 29 | 30 |
| Sound power level | | Cooling | | | 46 | 46 | 49 | 52 | 54 |
| | | Heating | | | 47 | 47 | 49 | 52 | 56 |
| Heat exchanger | Dimension (H × W × D) | | | mm | 210 × 1310 × 13.3 + 210 × 1250 × 13.3 | | | | |
| | Fin pitch | | | | 1.2 | | | | |
| | Rows × Stages | | | | 2 × 10 | | | | |
| | Pipe type | | | | Copper tube | | | | |
| | Fin Type | | | | Aluminium | | | | |
| Dimensions (H × W × D) | Net | | | mm | 245×570×570 | | | | |
| | Gross | | | | 265×730×625 | | | | |
| Weight | Net | | | kg | 15 | | | | |
| | Gross | | | | 18 | | | | |
| Connection pipe | Size | Liquid | | mm | Ø6.35 (Ø1/4in.) | | | | |
| | | Gas | | | Ø9.52 (Ø3/8in.) | | | Ø12.7 (Ø1/2in.) | |
| | Method | | | | Flare | | | | |
| Operation range | Cooling | | | °C | 18 to 32 | | | | |
| | | | | %RH | 80 or less | | | | |
| | Heating | | | °C | 16 to 30 | | | | |
| Drain hose | Material | | | | HARD PVC | | | | |
| | Size | | | mm | Φ25 (I.D.), Φ32 (O.D.) | | | | |
| Cassette grille | Model name | | | | UTG-UF∗D-W | | | | |
| | Material | | | | PS | | | | |
| | Colour | | | | WHITE<br>( Approximate colour of MUNSELL N9.25 ) | | | | |
| | Dimensions (H × W × D) | Net | | mm | 49 × 700 × 700 | | | | |
| | | Gross | | | 120 × 765 × 755 | | | | |
| | Weight | Net | | kg | 2.6 | | | | |
| | | Gross | | | 4.5 | | | | |
| Remote controller type | | | | | Wireless [Wired (option)] | | | | |

Note : The protective function may work when using it outside the operation range.

MULTI TYPE
2, 3, 4 ROOMS TYPE

# 3-2. SLIM DUCT TYPE

| Model name | | | | | AR∗G07LLTA | AR∗G09LLTA | AR∗G12LLTA<br>AR∗G12LLTB | AR∗G14LLTA<br>AR∗G14LLTB | AR∗G18LLTA<br>AR∗G18LLTB |
|---|---|---|---|---|---|---|---|---|---|
| Power source | | | | | 1ø 230V ~ 50Hz | | | | |
| Available voltage range | | | | | 198-264V | | | | |
| Capacity | | | | | 2.0kW Class | 2.5kW Class | 3.5kW Class | 4.0kW Class | 5.0kW Class |
| Input power | | | | W | 33 | 49 | 58 | 76 | 73 |
| Running current | | | | A | 0.33 | 0.30 | 0.35 | 0.51 | 0.44 |
| Fan | Airflow rate | Cooling | High | $m^3/h$ | 550 | 600 | 650 | 800 | 940 |
| | | | Med | | 490 | 550 | 600 | 700 | 880 |
| | | | Low | | 470 | 500 | 550 | 600 | 820 |
| | | | Quiet | | 440 | 450 | 480 | 480 | 750 |
| | | Heating | High | | 550 | 600 | 650 | 800 | 940 |
| | | | Med | | 490 | 550 | 600 | 700 | 880 |
| | | | Low | | 470 | 500 | 550 | 600 | 820 |
| | | | Quiet | | 440 | 450 | 480 | 480 | 750 |
| | Type × Q'ty | | | | Sirocco × 2 | | | | Sirocco × 3 |
| | Motor output | | | W | 80 | 81 | | | 96 |
| Recommended static pressure | | | | Pa | 0 to 90 | | | | |
| Sound pressure level | | Cooling | High | dB(A) | 28 | 28 | 29 | 32 | 32 |
| | | | Med | | 26 | 27 | 28 | 30 | 31 |
| | | | Low | | 25 | 26 | 27 | 28 | 30 |
| | | | Quiet | | 24 | 25 | 26 | 26 | 29 |
| | | Heating | High | | 28 | 28 | 29 | 33 | 33 |
| | | | Med | | 26 | 26 | 28 | 30 | 32 |
| | | | Low | | 25 | 25 | 27 | 28 | 31 |
| | | | Quiet | | 24 | 24 | 24 | 25 | 29 |
| Sound power level | | Cooling | | | 57 | 57 | 58 | 60 | 58 |
| | | Heating | | | 57 | 57 | 58 | 61 | 59 |
| Heat exchanger | Dimension (H × W × D) | | | mm | 294 × 500 × 26.6 | 294 × 500 × 39.9 | | | 294 × 700 × 39.9 |
| | Fin pitch | | | | 1.3 | | | | |
| | Rows × Stages | | | | 2 × 14 | 3 × 14 | | | |
| | Pipe type | | | | Copper tube | | | | |
| | Fin Type | | | | Aluminium | | | | |
| Enclosure | Material | | | | GALVANIZED STEEL SHEET | | | | |
| | Colour | | | | - | | | | |
| Dimensions (H × W × D) | Net | | | mm | 198 × 700 × 620 | | | | 198 × 900 × 620 |
| | Gross | | | | 276 × 968 × 772 | | | | 276 × 1168 ×772 |
| Weight | Net | | | kg | 17 | 19 | | | 23 |
| | Gross | | | | 24 | 26 | | | 30 |
| Connection pipe | Size | Liquid | | mm | Ø6.35 (Ø1/4in.) | | | | |
| | | Gas | | | Ø9.52 (Ø3/8in.) | | | Ø12.7 (Ø1/2in.) | |
| | Method | | | | Flare | | | | |
| Drain hose | Material | | | | HARD PVC | | | | |
| | size | | | mm | Φ25 (I.D.), Φ32 (O.D.) | | | | |
| Operation range | | Cooling | | °C | 18 to 32 | | | | |
| | | | | %RH | 80 or less | | | | |
| | | Heating | | °C | 16 to 30 | | | | |
| Remote controller type | | | | | Wired [Wireless (option)] | | | | |

Note : Specifications are based on the following conditions.
Static Pressure : 25Pa
The protective function may work when using it outside the operation range.

MULTI TYPE
2, 3, 4 ROOMS TYPE

# 3-3. WALL MOUNTED TYPE

| Model name | | | | | AS∗G07LJCA | AS∗G09LJCA | AS∗G12LJCA |
|---|---|---|---|---|---|---|---|
| Power source | | | | | 1ø 230V ~ 50Hz | | |
| Available voltage range | | | | | 198-264V | | |
| Capacity | | | | | 2.0kW Class | 2.5kW Class | 3.5kW Class |
| Input power | | | | W | 15 | 17 | 22 |
| Running current | | | | A | 0.13 | 0.15 | 0.19 |
| Fan | Airflow rate | Cooling | High | $m^3/h$ | 560 | 600 | 660 |
| | | | Med | | 500 | 520 | 560 |
| | | | Low | | 430 | 430 | 450 |
| | | | Quiet | | 310 | 310 | 310 |
| | | Heating | High | | 560 | 600 | 660 |
| | | | Med | | 500 | 520 | 560 |
| | | | Low | | 430 | 430 | 470 |
| | | | Quiet | | 330 | 330 | 330 |
| | Type × Q'ty | | | | Crossflow ×1 | | |
| | Motor output | | | W | 30 | | |
| Sound pressure level | | Cooling | High | dB(A) | 36 | 37 | 40 |
| | | | Med | | 32 | 33 | 36 |
| | | | Low | | 29 | 29 | 30 |
| | | | Quiet | | 21 | 21 | 21 |
| | | Heating | High | | 36 | 37 | 40 |
| | | | Med | | 32 | 33 | 36 |
| | | | Low | | 29 | 29 | 31 |
| | | | Quiet | | 22 | 22 | 22 |
| Sound power level | | Cooling | | | 51 | 52 | 54 |
| | | Heating | | | 51 | 52 | 54 |
| Heat exchanger | Dimension (H × W × D) | | | mm | Main: 320 x 630 x 20<br>Sub: 84 x 630 x 13.3 | | |
| | Fin pitch | | | | Main: 1.1, Sub:1.4 | | |
| | Rows × Stages | | | | Main: 2 x 20, Sub:1 x 4 | | |
| | Pipe type | | | | Copper tube | | |
| | Fin Type | | | | Aluminium | | |
| Enclosure | Material | | | | Polystyrene | | |
| | Colour | | | | WHITE<br>(Approximate colour of MUNSELL N9.25) | | |
| Dimensions (H × W × D) | Net | | | mm | 280 × 790 × 203 | | |
| | Gross | | | | 263 × 840 × 375 | | |
| Weight | Net | | | kg | 8 | | |
| | Gross | | | | 10.5 | | |
| Connection pipe | Size | Liquid | | mm | Ø6.35 (Ø1/4in.) | | |
| | | Gas | | | Ø9.52 (Ø3/8in.) | | |
| | Method | | | | Flare | | |
| Drain hose | Material | | | | PP+LLDPE | | |
| | size | | | mm | Φ13.8 (I.D.), Φ15.8 to 16.7 (O.D.) | | |
| Operation range | | Cooling | | °C | 18 to 32 | | |
| | | | | %RH | 80 or less | | |
| | | Heating | | °C | 16 to 30 | | |
| Remote controller type | | | | | Wireless [Wired (option)] | | |

Note : The protective function may work when using it outside the operation range.

MULTI TYPE
2, 3, 4 ROOMS TYPE

| Model name | | | | | AS∗G07LUCA | AS∗G09LUCA | AS∗G12LUCA | AS∗G14LUCA |
|---|---|---|---|---|---|---|---|---|
| Power source | | | | | 1ø 230V ~ 50Hz | | | |
| Available voltage range | | | | | 198-264V | | | |
| Capacity | | | | | 2.0kW Class | 2.5kW Class | 3.5kW Class | 4.0kW Class |
| Input power | | | | W | 13 | 16 | 19 | 23 |
| Running current | | | | A | 0.13 | 0.14 | 0.17 | 0.20 |
| Fan | Airflow rate | Cooling | High | $m^3/h$ | 570 | 600 | 660 | 710 |
| | | | Med | | 520 | 550 | 600 | 640 |
| | | | Low | | 470 | 470 | 530 | 570 |
| | | | Quiet | | 330 | 330 | 330 | 390 |
| | | Heating | High | | 570 | 600 | 660 | 710 |
| | | | Med | | 520 | 550 | 600 | 640 |
| | | | Low | | 470 | 470 | 530 | 590 |
| | | | Quiet | | 330 | 330 | 330 | 430 |
| | Type × Q'ty | | | | Crossflow x 1 | | | |
| | Motor output | | | W | 29 | | | |
| Sound pressure level | | Cooling | High | dB(A) | 35 | 36 | 37 | 41 |
| | | | Med | | 30 | 32 | 34 | 36 |
| | | | Low | | 28 | 28 | 31 | 33 |
| | | | Quiet | | 21 | 21 | 21 | 25 |
| | | Heating | High | | 35 | 36 | 37 | 41 |
| | | | Med | | 30 | 32 | 34 | 36 |
| | | | Low | | 28 | 28 | 31 | 34 |
| | | | Quiet | | 21 | 21 | 21 | 27 |
| Sound power level | | Cooling | | | 53 | 54 | 55 | 59 |
| | | Heating | | | 53 | 54 | 55 | 59 |
| Heat exchanger | Dimensions (H × W × D) | | | mm | Main: 320 x 690 x 20<br>Sub: 84 x 690 x 13.3 | | | |
| | Fin pitch | | | | Main: 1.1 , Sub: 1.4 | | | |
| | Rows x Stages | | | | Main: 2 x 20 , Sub: 1 x 4 | | | |
| | Pipe type | | | | Copper tube | | | |
| | Fin type | | | | Aluminium | | | |
| Enclosure | Material | | | | Polystyrene | | | |
| | Colour | | | | WHITE<br>(Approximate colour of MUNSELL N9.3) | | | |
| Dimensions (H × W × D) | Net | | | mm | 282 x 870 x 185 | | | |
| | Gross | | | | 247 x 920 x 373 | | | |
| Weight | Net | | | kg | 9.5 | | | |
| | Gross | | | | 12 | | | |
| Connection pipe | Size | Liquid | | mm | Ø6.35 (Ø1/4in) | | | |
| | | Gas | | | Ø9.52 (Ø3/8in) | | | Ø12.7 (Ø1/2in) |
| | Method | | | | Flare | | | |
| Drain hose | Material | | | | PP + LLDPE | | | |
| | Size | | | mm | Φ13.8 (I.D.), Φ15.8 to 16.7 (O.D.) | | | |
| Operation range | | Cooling | | °C | 18 to 32 | | | |
| | | | | %RH | 80 or less | | | |
| | | Heating | | °C | 16 to 30 | | | |
| Remote controller type | | | | | Wireless [Wired(option)] | | | |

Note : The protective function may work when using it outside the operation range.

MULTI TYPE
2, 3, 4 ROOMS TYPE

| Model name | | | | | AS∗G07LMCA | AS∗G09LMCA | AS∗G12LMCA | AS∗G14LMCA |
|---|---|---|---|---|---|---|---|---|
| Power source | | | | | 1ø 230V ~ 50Hz | | | |
| Available voltage range | | | | | 198-264V | | | |
| Capacity | | | | | 2.0kW Class | 2.5kW Class | 3.5kW Class | 4.0kW Class |
| Input power | | | | W | 15 | 17 | 22 | 28 |
| Running current | | | | A | 0.13 | 0.15 | 0.19 | 0.25 |
| Fan | Airflow rate | Cooling | High | $m^3/h$ | 560 | 600 | 660 | 730 |
| | | | Med | | 500 | 520 | 560 | 600 |
| | | | Low | | 430 | 430 | 450 | 530 |
| | | | Quiet | | 310 | 310 | 310 | 360 |
| | | Heating | High | | 560 | 600 | 660 | 730 |
| | | | Med | | 500 | 520 | 560 | 615 |
| | | | Low | | 430 | 430 | 470 | 560 |
| | | | Quiet | | 330 | 330 | 330 | 375 |
| | Type × Q'ty | | | | Crossflow × 1 | | | |
| | Motor output | | | W | 30 | | | |
| Sound pressure level | | Cooling | High | dB (A) | 36 | 37 | 40 | 42 |
| | | | Med | | 32 | 33 | 36 | 38 |
| | | | Low | | 29 | 29 | 30 | 33 |
| | | | Quiet | | 21 | 21 | 21 | 25 |
| | | Heating | High | | 36 | 37 | 40 | 42 |
| | | | Med | | 32 | 33 | 36 | 38 |
| | | | Low | | 29 | 29 | 31 | 35 |
| | | | Quiet | | 22 | 22 | 22 | 27 |
| Sound power level | | Cooling | | | 51 | 52 | 54 | 56 |
| | | Heating | | | 51 | 52 | 55 | 57 |
| Heat exchanger | Dimensions (H × W × D) | | | mm | Main: 320 × 630 × 20<br>Sub: 84 × 630 × 13.3 | | | |
| | Fin pitch | | | | Main: 1.1, Sub: 1.4 | | | |
| | Rows × Stages | | | | Main: 2 × 20, Sub: 1 × 4 | | | |
| | Pipe type | | | | Copper tube | | | |
| | Fin type | | | | Aluminium | | | |
| Enclosure | Material | | | | Polystyrene | | | |
| | Colour | | | | WHITE<br>(Approximate colour of MUNSELL N9.25) | | | |
| Dimensions (H × W × D) | Net | | | mm | 268 × 840 × 203 | | | |
| | Gross | | | | 270 × 884 × 336 | | | |
| Weight | Net | | | kg | 8.5 | | | |
| | Gross | | | | 10.5 | | | |
| Connection pipe | Size | Liquid | | mm | Φ6.35 (Φ1/4in) | | | |
| | | Gas | | | Φ9.52 (Φ3/8in) | | | Φ12.7 (Φ1/2in) |
| | Method | | | | Flare | | | |
| Drain hose | Material | | | | PP+LLDPE | | | |
| | Size | | | mm | Φ13.8 (I.D.), Φ15.8 to 16.7 (O.D.) | | | |
| Operation range | | Cooling | | °C | 18 to 32 | | | |
| | | | | %RH | 80 or less | | | |
| | | Heating | | °C | 16 to 30 | | | |
| Remote controller type | | | | | Wireless [Wired (option)] | | | |

Note : The protective function may work when using it outside the operation range.

MULTI TYPE
2, 3, 4 ROOMS TYPE

| Model name | | | | | AS∗G18LFCA | AS∗G24LFCA | AS∗G24LFCC |
|---|---|---|---|---|---|---|---|
| Power source | | | | | 1ø 230V ~ 50Hz | | |
| Available voltage range | | | | | 198-264V | | |
| Capacity | | | | | 5.0kW Class | 7.0kW Class | |
| Input power | | | | W | 37 | 69 | |
| Running current | | | | A | 0.33 | 0.53 | |
| Fan | Airflow rate | Cooling | High | $m^3/h$ | 900 | 1120 | |
| | | | Med | | 740 | 900 | |
| | | | Low | | 620 | 740 | |
| | | | Quiet | | 550 | 620 | |
| | | Heating | High | | 900 | 1100 | |
| | | | Med | | 740 | 900 | |
| | | | Low | | 620 | 740 | |
| | | | Quiet | | 550 | 620 | |
| | Type × Q'ty | | | | Crossflow × 1 | | |
| | Motor output | | | W | 42 | 42 | 65 |
| Sound pressure level | | Cooling | High | dB(A) | 43 | 49 | |
| | | | Med | | 37 | 42 | |
| | | | Low | | 33 | 37 | |
| | | | Quiet | | 26 | 33 | |
| | | Heating | High | | 42 | 48 | |
| | | | Med | | 37 | 42 | |
| | | | Low | | 33 | 37 | |
| | | | Quiet | | 25 | 33 | |
| Sound power level | | Cooling | | | 58 | 64 | |
| | | Heating | | | 58 | 64 | |
| Heat exchanger | Dimension (H × W × D) | | | mm | Main: 378 x 832 x 26.6<br>Sub: 84 x 832 x 13.3 | | |
| | Fin pitch | | | | Main:1.2, Sub:1.4 | | |
| | Rows × Stages | | | | Main: 2 x 18, Sub: 1 x 4 | Main: 2 x 18, Sub: 1 x 4 + 1 x 4 | |
| | Pipe type | | | | Copper tube | | |
| | Fin Type | | | | Aluminium | | |
| Enclosure | Material | | | | Polystyrene | | |
| | Colour | | | | WHITE<br>(Approximate colour of MUNSELL N9.25) | | |
| Dimensions (H × W × D) | Net | | | mm | 320 × 998 × 238 | | |
| | Gross | | | | 329 × 1090 × 420 | | |
| Weight | Net | | | kg | 14 | | |
| | Gross | | | | 18 | | |
| Connection pipe | Size | Liquid | | mm | Ø6.35 (Ø1/4in.) | | |
| | | Gas | | | Ø12.70 (Ø1/2in.) | Ø15.88 (Ø5/8in.) | |
| | Method | | | | Flare | | |
| Drain hose | Material | | | | PVC | | |
| | size | | | mm | Φ12 (I.D.), Φ16 (O.D.) | | |
| Operation range | | Cooling | | °C | 18 to 32 | | |
| | | | | %RH | 80 or less | | |
| | | Heating | | °C | 16 to 30 | | |
| Remote controller type | | | | | Wireless [Wired (option)] | | |

Note : The protective function may work when using it outside the operation range.

MULTI TYPE
2, 3, 4 ROOMS TYPE

# 3-4. FLOOR / CEILING TYPE

| Model name | | | | | AB∗G14LVTA | AB∗G18LVTA<br>AB∗G18LVTB |
|---|---|---|---|---|---|---|
| Power source | | | | | 1ø 230V ~ 50Hz | |
| Available voltage range | | | | | 198-264V | |
| Capacity | | | | | 4.0kW Class | 5.0kW Class |
| Input power | | | | W | 26 | 47 |
| Running current | | | | A | 0.21 | 0.36 |
| Fan | Airflow rate | Cooling | High | $m^3/h$ | 640 | 780 |
| | | | Med | | 590 | 700 |
| | | | Low | | 540 | 560 |
| | | | Quiet | | 480 | 500 |
| | | Heating | High | | 640 | 780 |
| | | | Med | | 590 | 700 |
| | | | Low | | 540 | 560 |
| | | | Quiet | | 480 | 500 |
| | Type × Q'ty | | | | Sirocco x 2 | |
| | Motor output | | | W | 80 | |
| Sound pressure level | | Cooling | High | dB(A) | 36 (Under ceiling)<br>39 (Floor console) | 41 (Under ceiling)<br>44 (Floor console) |
| | | | Med | | 34 (Under ceiling)<br>37 (Floor console) | 38 (Under ceiling)<br>41 (Floor console) |
| | | | Low | | 33 (Under ceiling)<br>36 (Floor console) | 34 (Under ceiling)<br>37 (Floor console) |
| | | | Quiet | | 29 (Under ceiling)<br>32 (Floor console) | 32 (Under ceiling)<br>35 (Floor console) |
| | | Heating | High | | 36 (Under ceiling)<br>39 (Floor console) | 41 (Under ceiling)<br>44 (Floor console) |
| | | | Med | | 34 (Under ceiling)<br>37 (Floor console) | 38 (Under ceiling)<br>41 (Floor console) |
| | | | Low | | 33 (Under ceiling)<br>36 (Floor console) | 34 (Under ceiling)<br>37 (Floor console) |
| | | | Quiet | | 29 (Under ceiling)<br>32 (Floor console) | 32 (Under ceiling)<br>35 (Floor console) |
| Sound power level | | Cooling | | | 51 | 55 |
| | | Heating | | | 51 | 55 |
| Heat exchanger | Dimension (H × W × D) | | | mm | 252 × 800 × 26.6 | 252 × 800 × 39.9 |
| | Fin pitch | | | | 1.2 | 1.3 |
| | Rows × Stages | | | | 2 × 12 | 3 × 12 |
| | Pipe type | | | | Copper tube | |
| | Fin Type | | | | Aluminium | |
| Enclosure | Material | | | | ABS | |
| | Colour | | | | WHITE<br>(Approximate colour of MUNSELL N9.25) | |
| Dimensions (H × W × D) | Net | | | mm | 199 × 990 × 655 | |
| | Gross | | | | 320 × 1150 × 790 | |
| Weight | Net | | | kg | 27 | |
| | Gross | | | | 36 | |
| Connection pipe | Size | Liquid | | mm | Ø6.35 (Ø1/4in.) | |
| | | Gas | | | Ø12.70 (Ø1/2in.) | |
| | Method | | | | Flare | |
| Drain hose | Material | | | | Hard PVC | |
| | size | | | mm | Φ25 (I.D.), Φ32 (O.D.) | |
| Operation range | | Cooling | | °C | 18 to 32 | |
| | | | | %RH | 80 or less | |
| | | Heating | | °C | 16 to 30 | |
| Remote controller type | | | | | Wireless [Wired (option)] | |

Note : The protective function may work when using it outside the operation range.

MULTI TYPE
2, 3, 4 ROOMS TYPE

# 3-5. FLOOR TYPE

| Model name | | | | | AG✳G09LVCA | AG✳G12LVCA | AG✳G14LVCA |
|---|---|---|---|---|---|---|---|
| Power source | | | | | 1ø 230V ~ 50Hz | | |
| Available voltage range | | | | | 198-264V | | |
| Capacity | | | | | 2.5kW Class | 3.5kW Class | 4.0kW Class |
| Input power | | | | W | 16 | 20 | 23 |
| Running current | | | | A | 0.15 | 0.18 | 0.20 |
| Fan | Airflow rate | Cooling | High | $m^3/h$ | 530 | 600 | 650 |
| | | | Med | | 440 | 490 | 520 |
| | | | Low | | 360 | 380 | 400 |
| | | | Quiet | | 270 | 270 | 270 |
| | | Heating | High | | 530 | 600 | 650 |
| | | | Med | | 460 | 510 | 540 |
| | | | Low | | 380 | 410 | 430 |
| | | | Quiet | | 270 | 270 | 270 |
| | Type × Q'ty | | | | Crossflow x 2 | | |
| | Motor output | | | W | 42 | | |
| Sound pressure level | | Cooling | High | dB(A) | 39 | 42 | 44 |
| | | | Med | | 34 | 36 | 38 |
| | | | Low | | 28 | 30 | 31 |
| | | | Quiet | | 22 | 22 | 22 |
| | | Heating | High | | 39 | 42 | 44 |
| | | | Med | | 35 | 38 | 39 |
| | | | Low | | 30 | 32 | 33 |
| | | | Quiet | | 22 | 22 | 22 |
| Sound power level | | Cooling | | | 52 | 55 | 56 |
| | | Heating | | | 52 | 55 | 56 |
| Heat exchanger | Dimension (H × W × D) | | | mm | 378 × 550 × 26.6 | | |
| | Fin pitch | | | | 1.2 | | |
| | Rows × Stages | | | | 2 x 18 | | |
| | Pipe type | | | | Copper tube | | |
| | Fin Type | | | | Aluminium | | |
| Enclosure | Material | | | | Polystyrene | | |
| | Colour | | | | WHITE (Approximate colour of MUNSELL N9.25) | | |
| Dimensions (H × W × D) | Net | | | mm | 600 × 740 × 200 | | |
| | Gross | | | | 700 × 820 × 310 | | |
| Weight | Net | | | kg | 14 | | |
| | Gross | | | | 17 | | |
| Connection pipe | Size | Liquid | | mm | Ø6.35 (Ø1/4in.) | | |
| | | Gas | | | Ø9.52 (Ø3/8in.) | | Ø12.70 (Ø1/2in.) |
| | Method | | | | Flare | | |
| Drain hose | Material | | | | PVC | | |
| | size | | | mm | Φ13.8 (I.D.), Φ16.7 (O.D.) | | |
| Operation range | | Cooling | | °C | 18 to 32 | | |
| | | | | %RH | 80 or less | | |
| | | Heating | | °C | 16 to 30 | | |
| Remote controller type | | | | | Wireless [Wired (option)] | | |

Note : The protective function may work when using it outside the operation range.

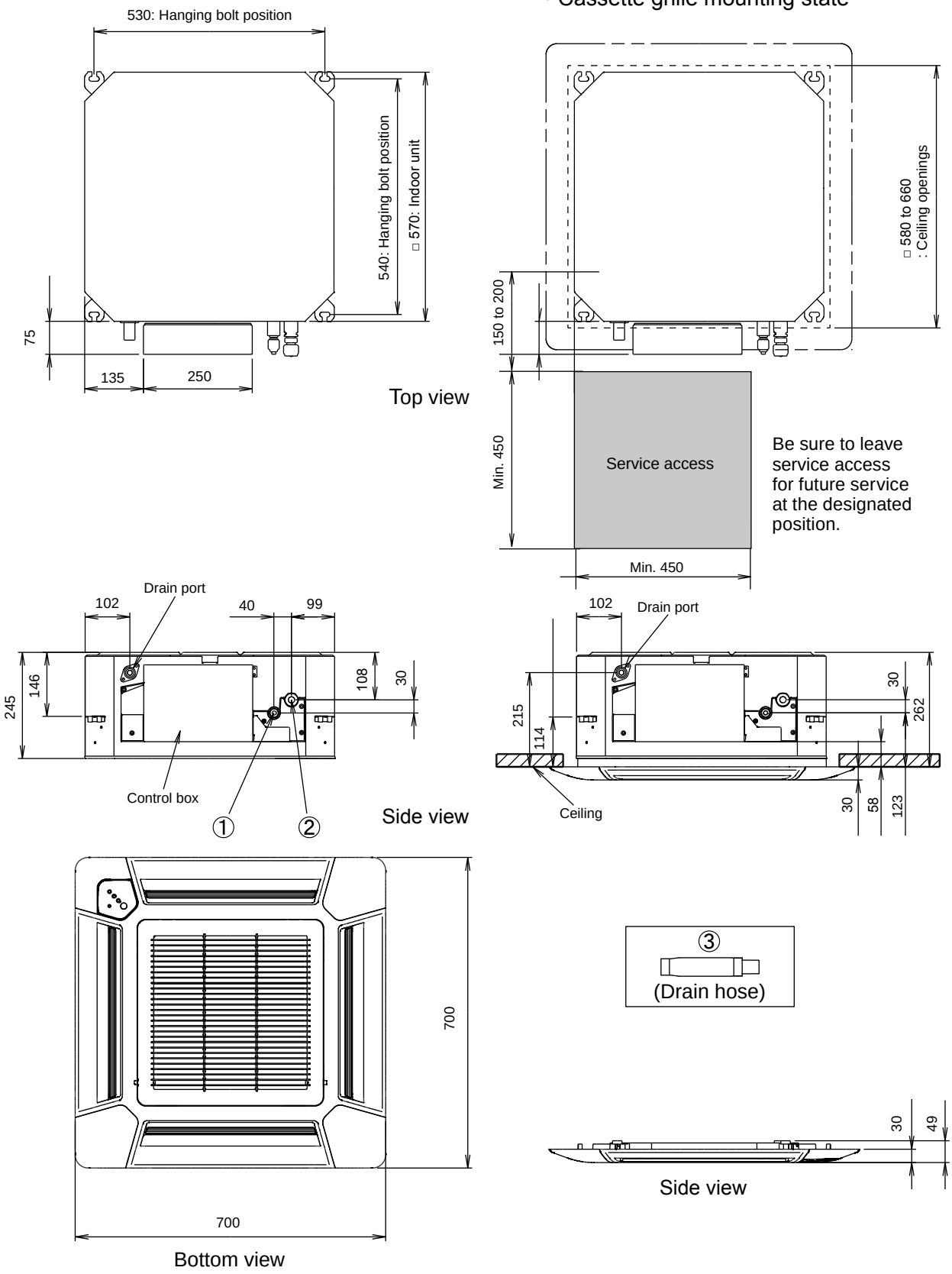
MULTI TYPE
2, 3, 4 ROOMS TYPE

# 4. DIMENSIONS

## 4-1. COMPACT CASSETTE TYPE

### ■ MODELS : AU∗G07LVLA, AU∗G09LVLA, AU∗G12LVLA, AU∗G14LVLA, AU∗G18LVLA, AU∗G12LVLB, AU∗G14LVLB, AU∗G18LVLB

Unit : mm

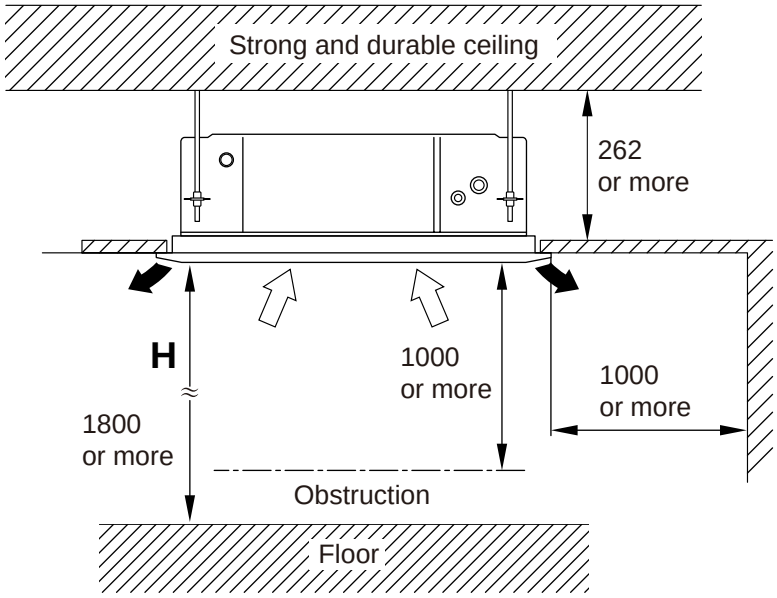



| | | | AU∗G07L, AU∗G09L, AU∗G12L | AU∗G14L, AU∗G18L |
|---|---|---|---|---|
| ① | Refrigerant pipe flare connection | Liquid | ø 6.35 mm (ø 1/4 in.) | ø 6.35 mm (ø 1/4 in.) |
| ② | | Gas | ø 9.52 mm (ø 3/8 in.) | ø 12.70 mm (ø 1/2 in.) |
| ③ | Drain hose connection | Drain hose | O.D. 32mm (VP25) | |

MULTI TYPE
2, 3, 4 ROOMS TYPE

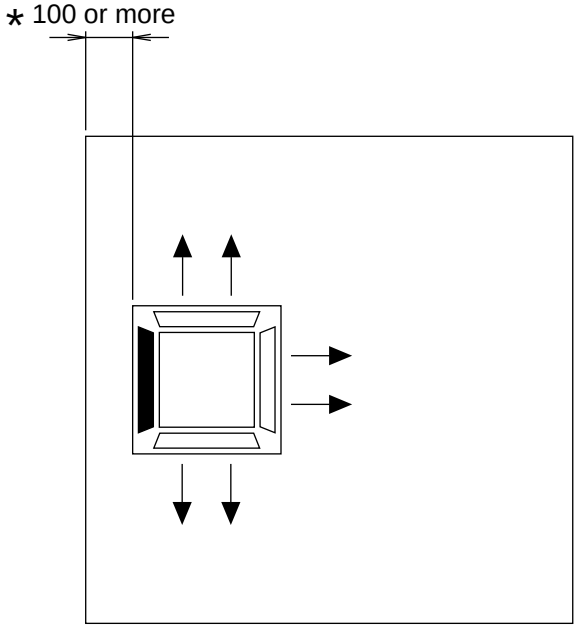
# ■ INSTALLATION PLACE

Unit : mm




| | H (The maximum height from floor to ceiling) Unit: mm | | | | |
|---|---|---|---|---|---|
| Model name | AU∗G07 | AU∗G09 | AU∗G12 | AU∗G14 | AU∗G18 |
| Standard mode | 2700 | 2700 | 2700 | 2700 | 2700 |
| High Ceiling mode | - | - | 3000 | 3000 | 3000 |

● **3-way directions setting**




To set “3-way directions”, the air outlet shutter plate (UTR-YDZB) sold separately must be installed and “outlet-direction” switched to “3-way” by remote controller.

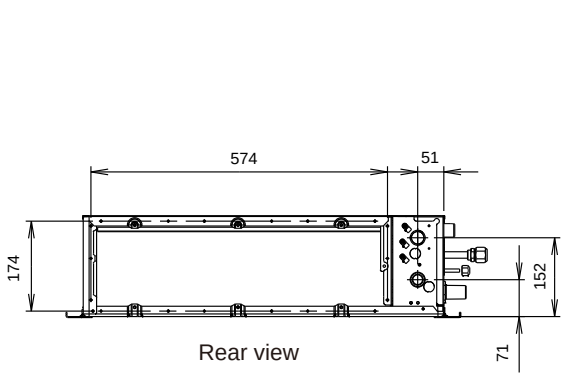
*When installing the indoor unit, be careful about the maintenance space.

MULTI TYPE
2, 3, 4 ROOMS TYPE

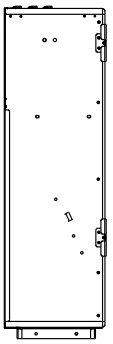
# 4-2. SLIM DUCT TYPE

## ■MODELS : AR∗G07LLTA, AR∗G09LLTA, AR∗G12LLTA, AR∗G14LLTA, AR∗G12LLTB, AR∗G14LLTB

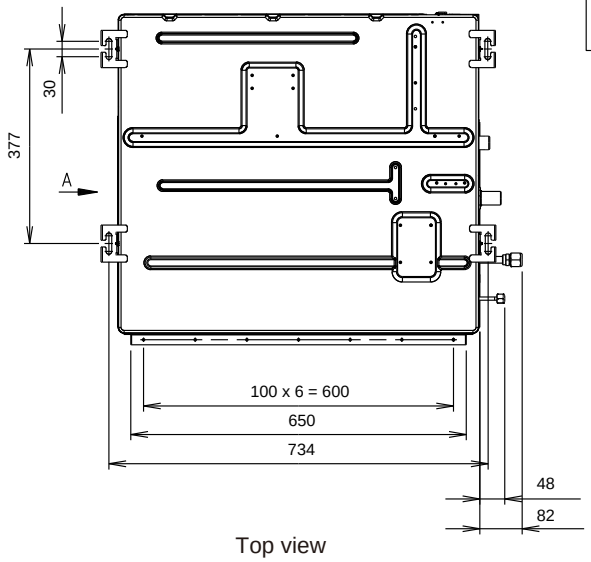
Unit : mm



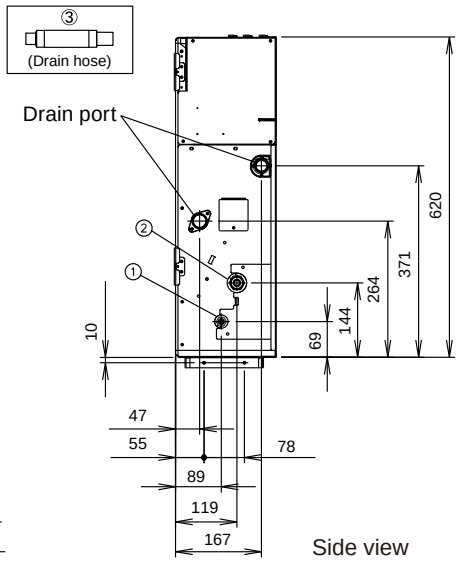

Rear view



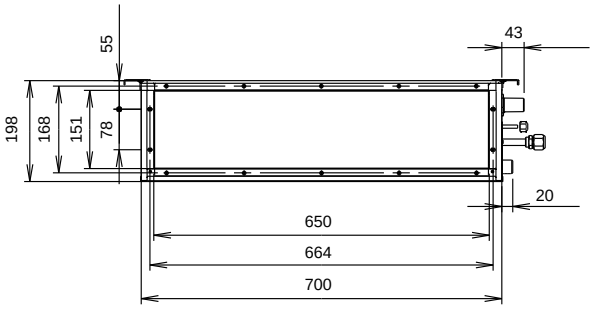
View A



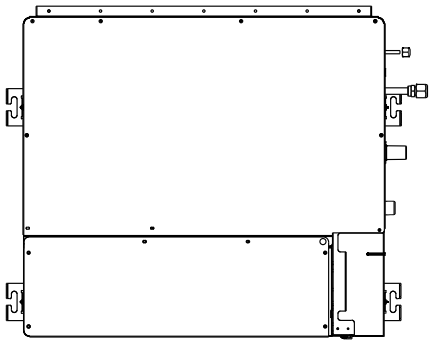

Top view




Side view




Front view



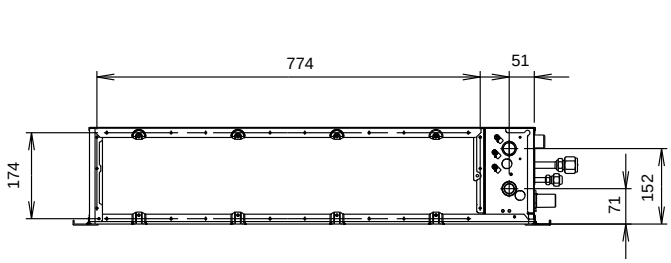
Bottom view

| | | | AR∗G07L, AR∗G09L, AR∗G12L | AR∗G14L |
|---|---|---|---|---|
| ① | Refrigerant pipe flare connection | Liquid | ø 6.35 mm (ø 1/4 in.) | |
| ② | | Gas | ø 9.52 mm (ø 3/8 in.) | ø 12.70 mm (ø 1/2 in.) |
| ③ | Drain hose connection | Drain hose | O.D. 32mm (VP25) | |

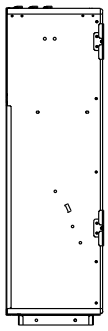
MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■MODEL : AR∗G18LLTA, AR∗G18LLTB

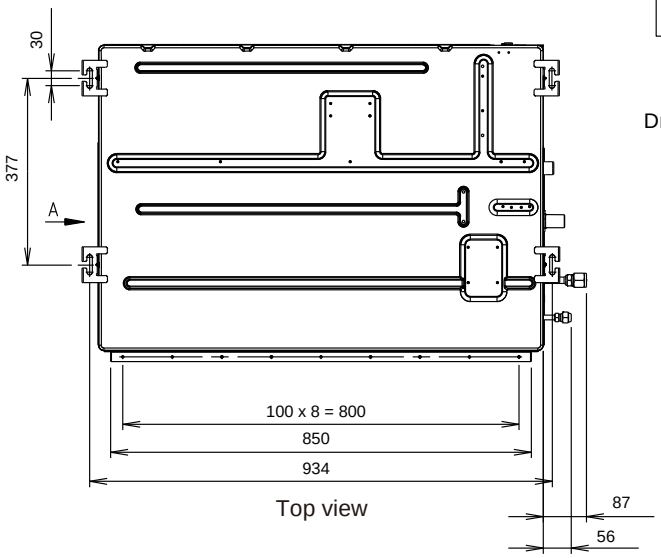
Unit : mm



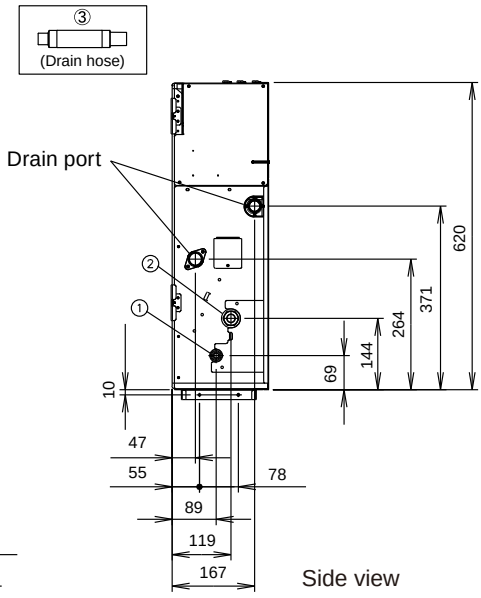

Rear view



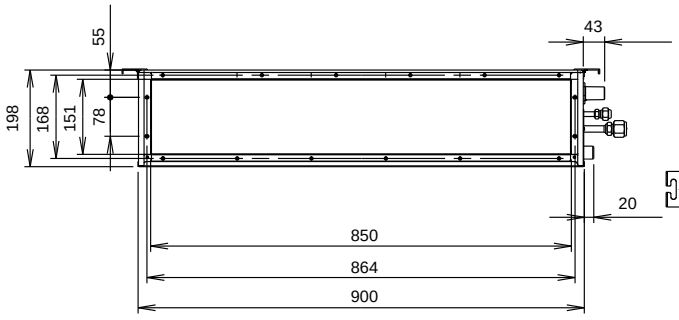
View A



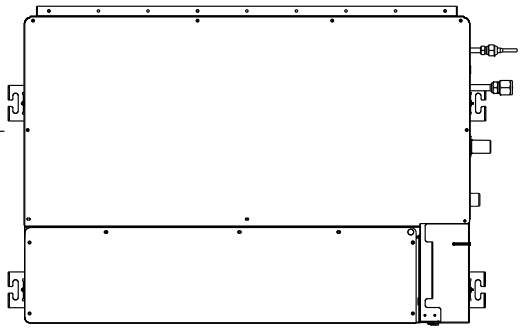

Top view




Side view




Front view



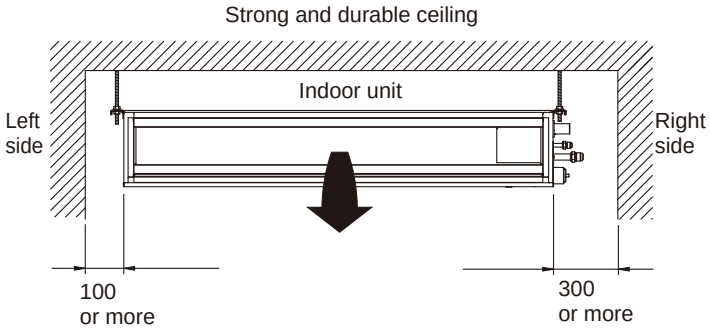
Bottom view

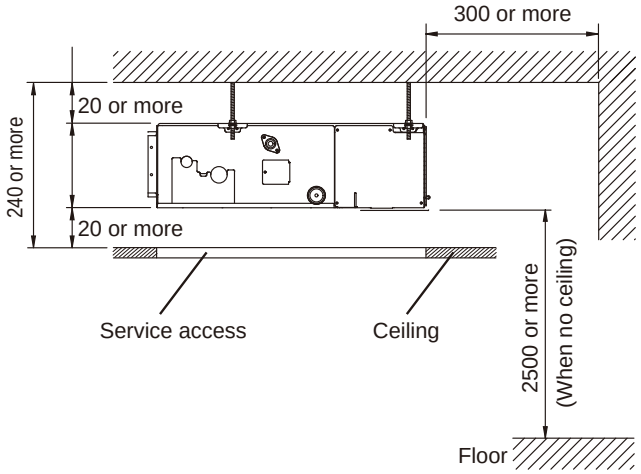
| | | | AR∗G18L |
|---|---|---|---|
| ① | Refrigerant pipe flare connection | Liquid | ø 6.35 mm (ø 1/4 in.) |
| ② | | Gas | ø 12.70 mm (ø 1/2 in.) |
| ③ | Drain hose connection | Drain hose | O.D. 32mm (VP25) |

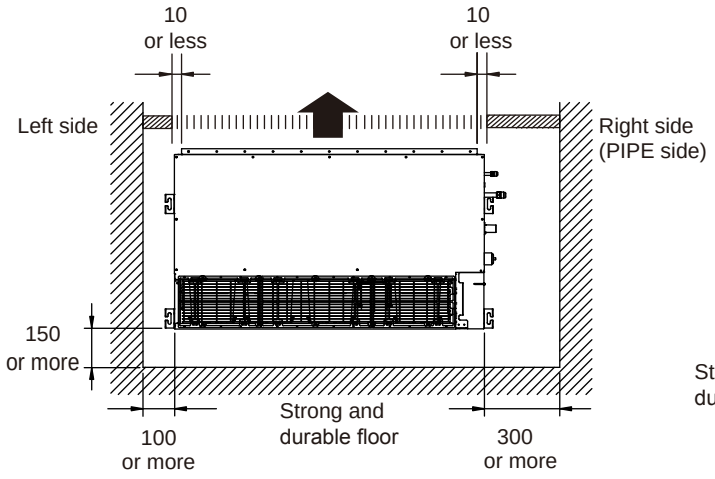
MULTI TYPE
2, 3, 4 ROOMS TYPE

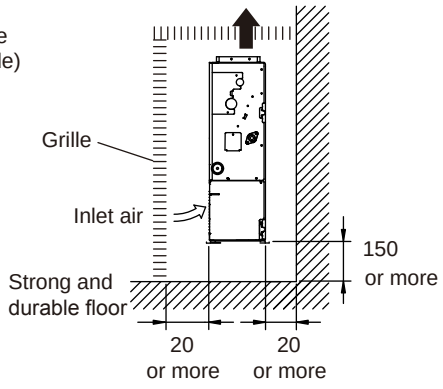
Unit : mm

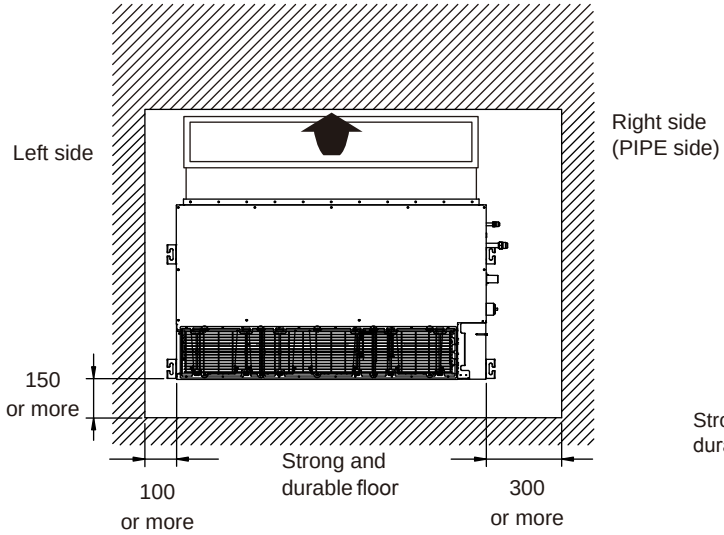
# ■ INSTALLATION PLACE

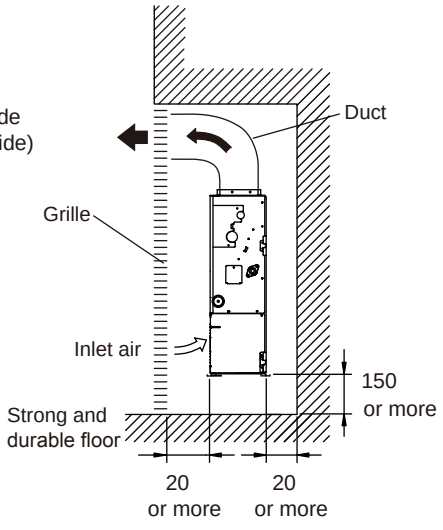


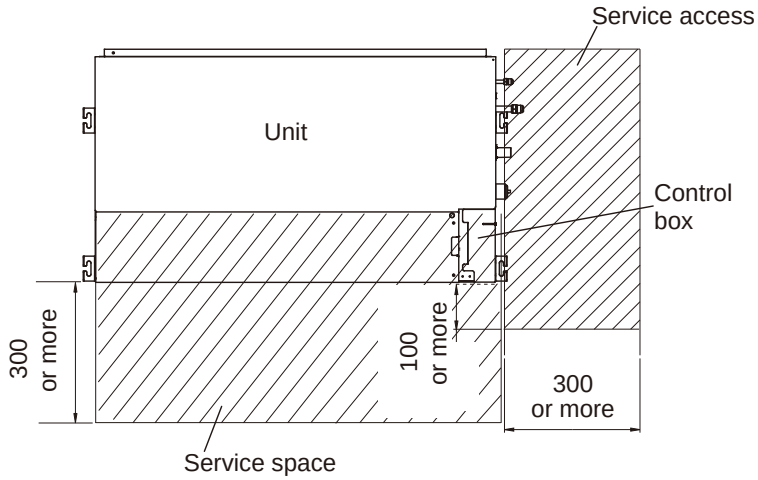
MULTI TYPE
2, 3, 4 ROOMS TYPE

Unit : mm

# ■ MAINTENANCE SPACE

Provide a service access for inspection purposes as shown below.

Do not place any wiring or illumination in the service space, as they will impede service.

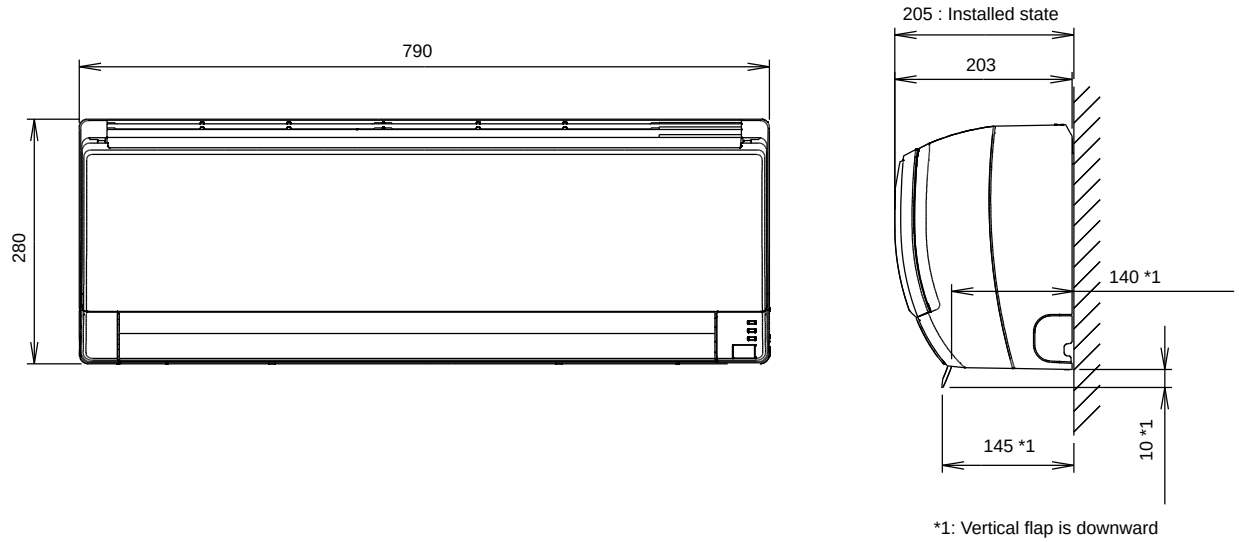


MULTI TYPE
2, 3, 4 ROOMS TYPE

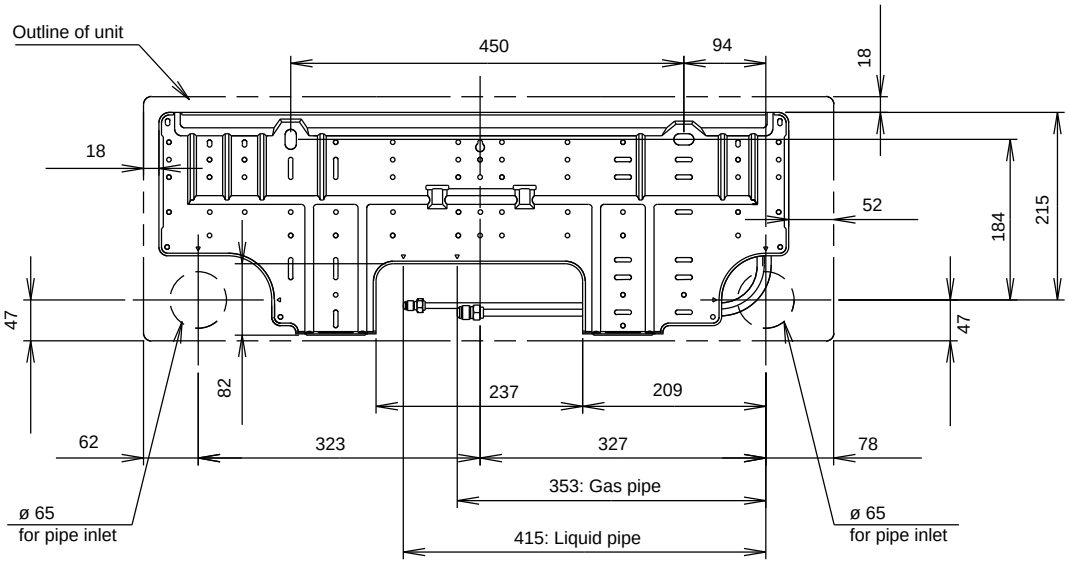
# 4-3. WALL MOUNTED TYPE

## ■MODELS : AS∗G07LJCA, AS∗G09LJCA, AS∗G12LJCA

Unit : mm




*1: Vertical flap is downward

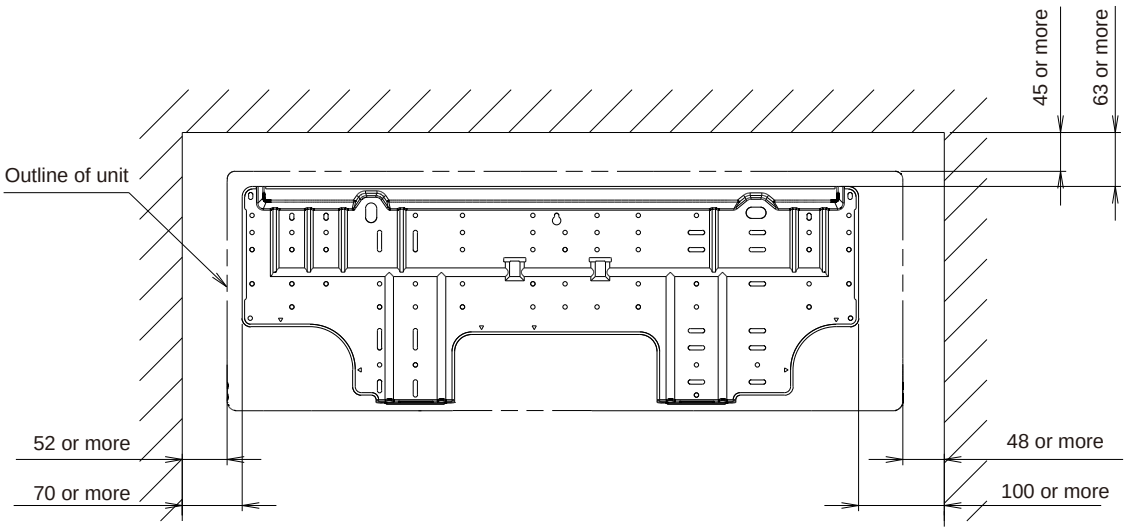


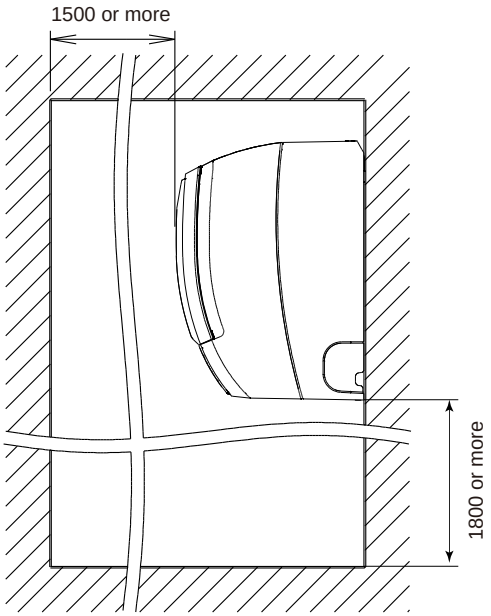

| | | | AS∗G07L, AS∗G09L, AS∗G12L |
|---|---|---|---|
| ① | Refrigerant pipe flare connection | Liquid | ø 6.35 mm (ø 1/4 in.) |
| ② | | Gas | ø 9.52 mm (ø 3/8 in.) |
| ③ | Drain hose connection | Drain hose | I.D. 13.8 mm, O.D. 15.8 to 16.7 mm<br>Total length : 600 mm |

MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■ INSTALLATION PLACE

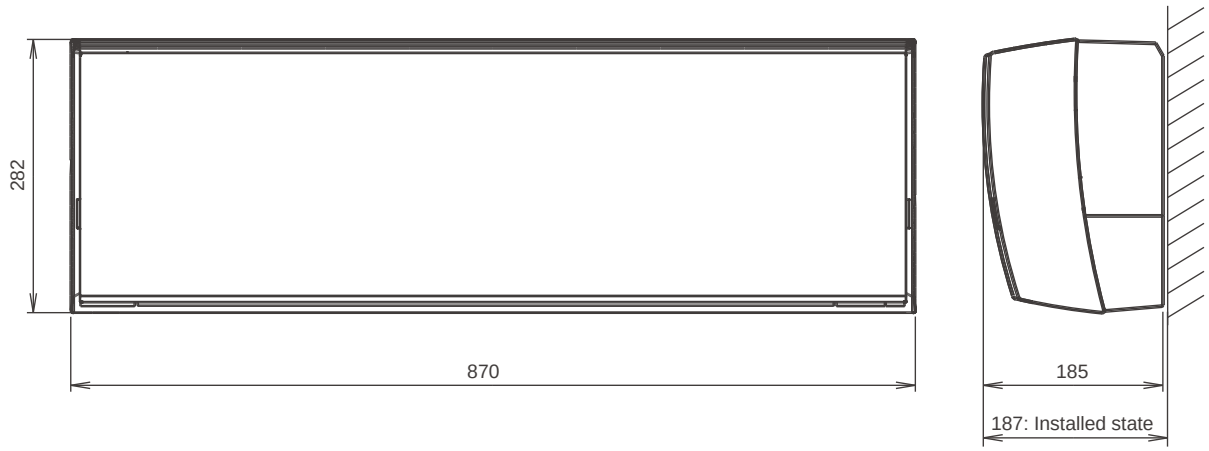
Unit : mm

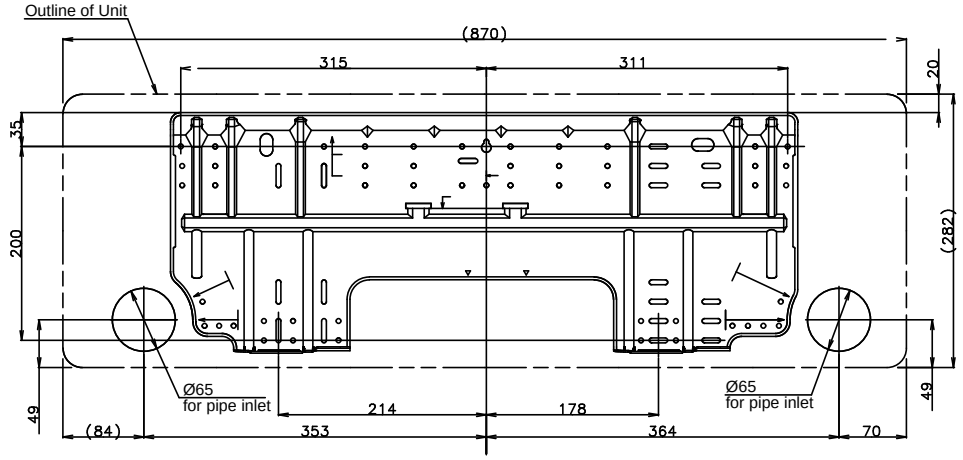


MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■MODELS : AS∗G07LUCA, AS∗G09LUCA, AS∗G12LUCA, AS∗G14LUCA

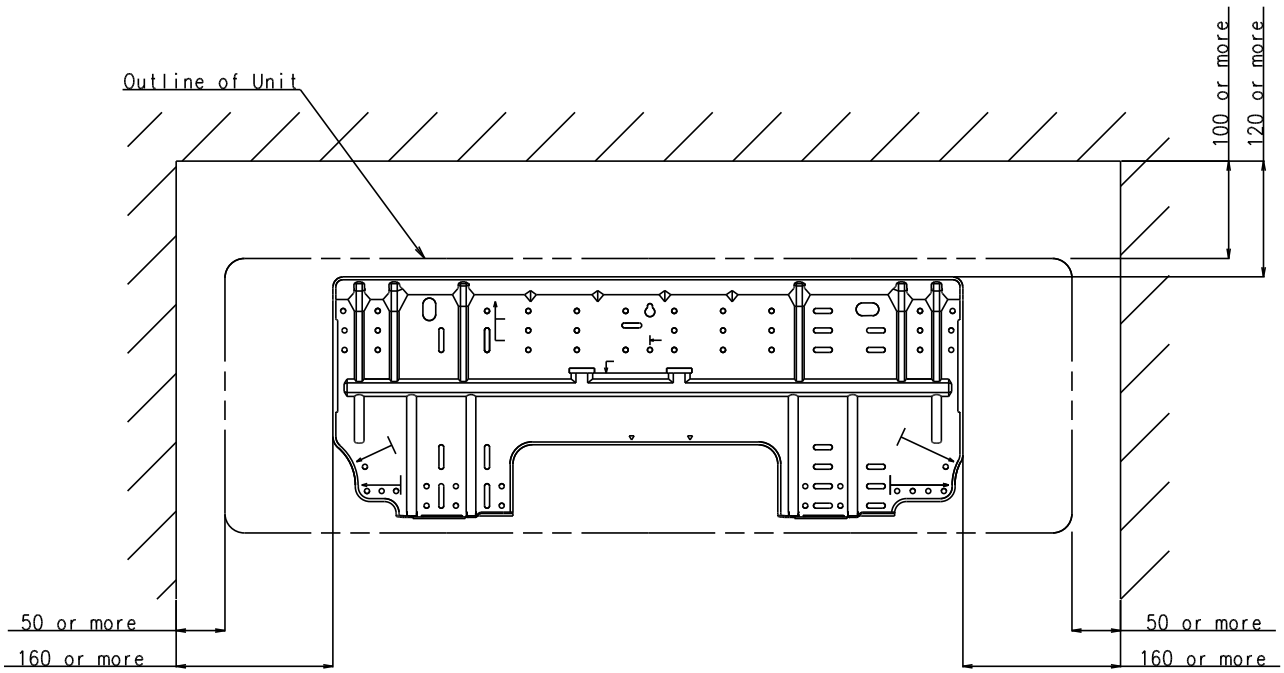


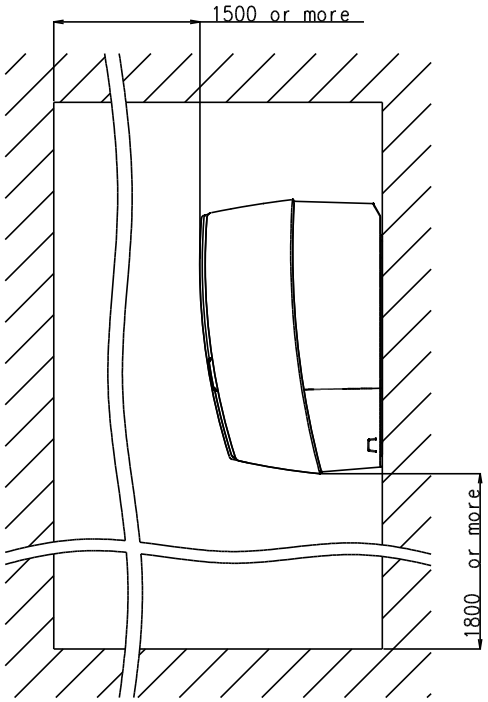



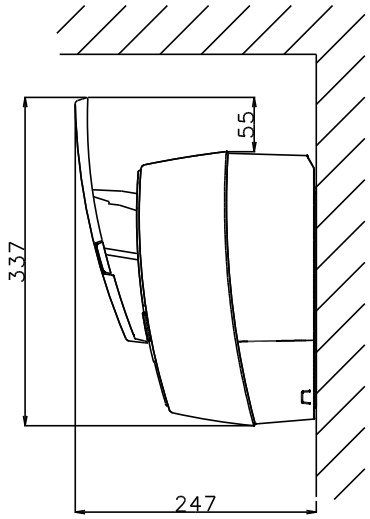

| | | | AS∗G07LU, AS∗G09LU, AS∗G12LU | AS∗G14LU |
|---|---|---|---|---|
| ① | Refrigerant pipe flare connection | Liquid | ø 6.35 mm (ø 1/4 in.) | ø 6.35 mm (ø 1/4 in.) |
| ② | | Gas | ø 9.52 mm (ø 3/8 in.) | ø 12.70 mm (ø 1/2 in.) |
| ③ | Drain hose connection | Drain hose | I.D. 13.8 mm, O.D. 15.8 to 16.7 mm<br>Total length : 600 mm | |

MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■ INSTALLATION PLACE



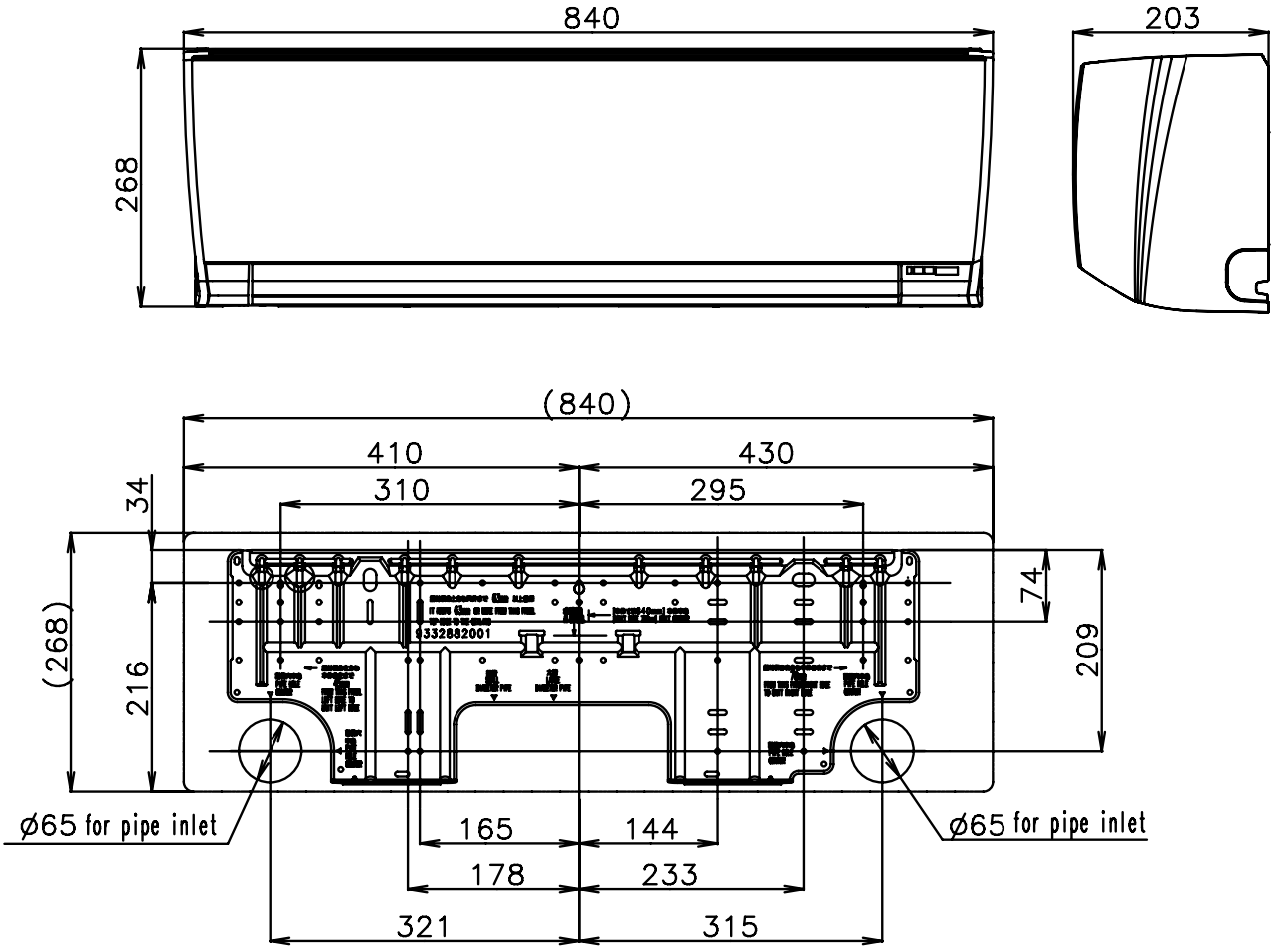



MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■MODELS : AS∗G07LMCA, AS∗G09LMCA, AS∗G12LMCA, AS∗G14LMCA

(Unit : mm)

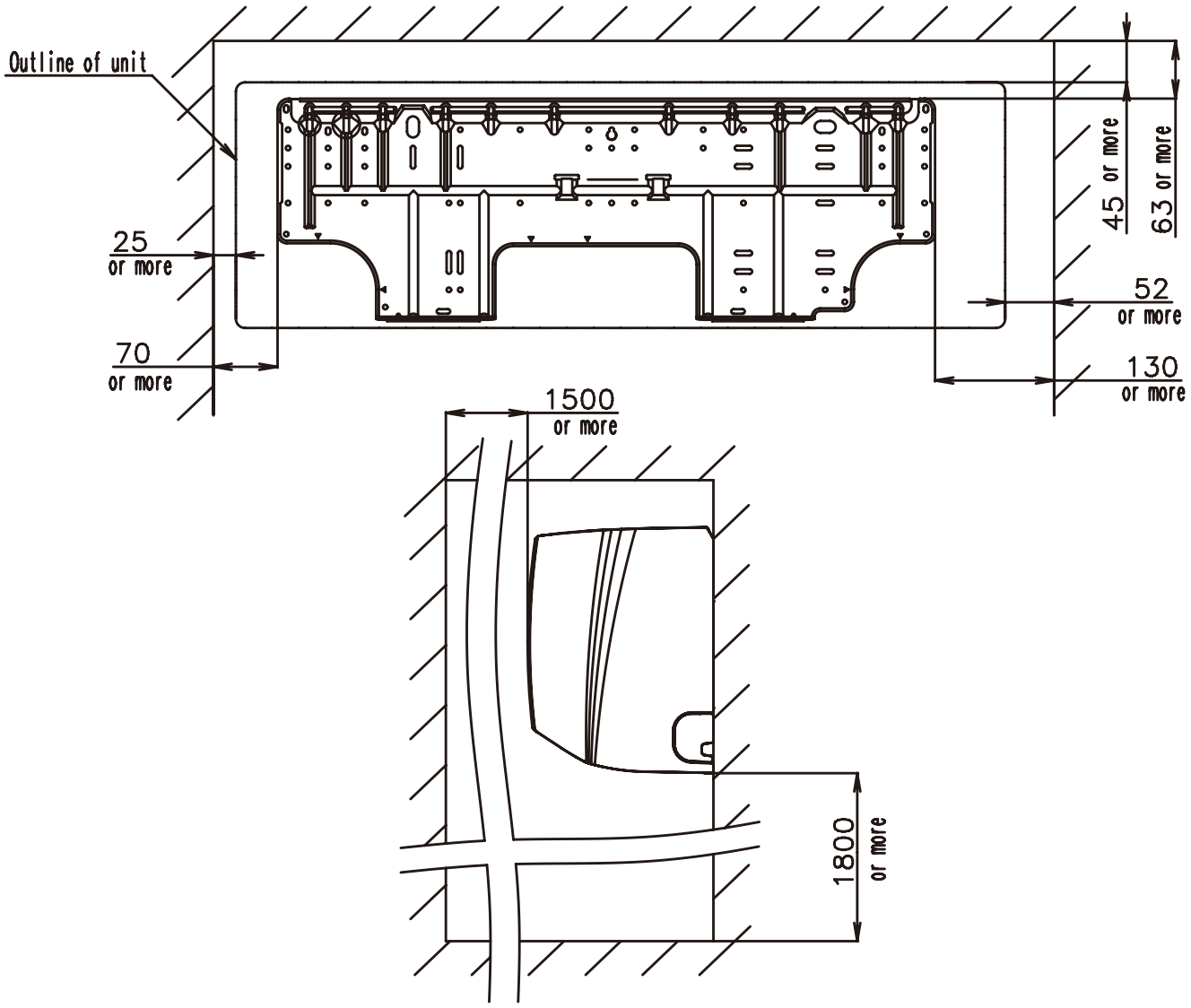



| | | | AS∗G07LM, AS∗G09LM, AS∗G12LM | AS∗G14LM |
|---|---|---|---|---|
| ① | Refrigerant pipe flare connection | Liquid | ø 6.35 mm (1/4 in.) | ø 6.35 mm (1/4 in.) |
| ② | | Gas | ø 9.52 mm (3/8 in.) | ø 12.70 mm (1/2 in.) |
| ③ | Drain hose connection | Drain hose | I.D. 13.8 mm, O.D. 15.8 to 16.7 mm<br>Total length : 600 mm | |

MULTI TYPE
2, 3, 4 ROOMS TYPE

## ■ INSTALLATION PLACE

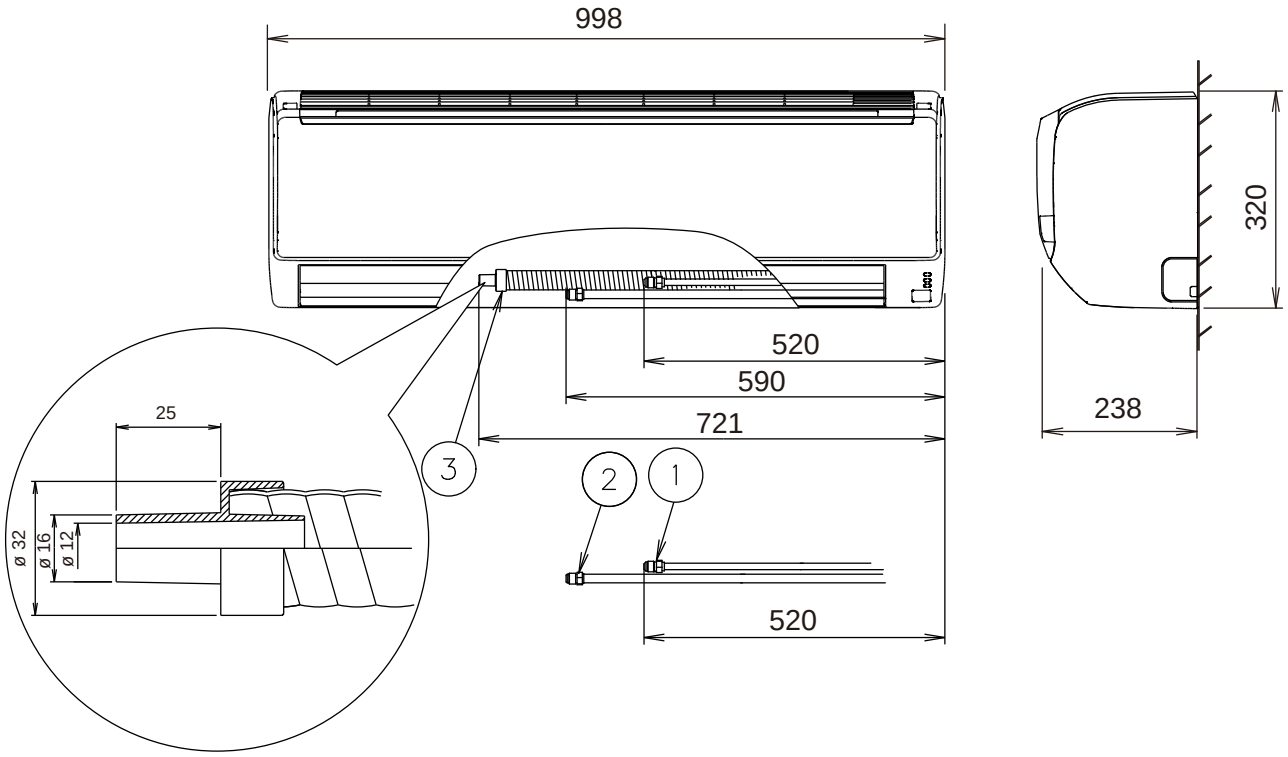
(Unit : mm)

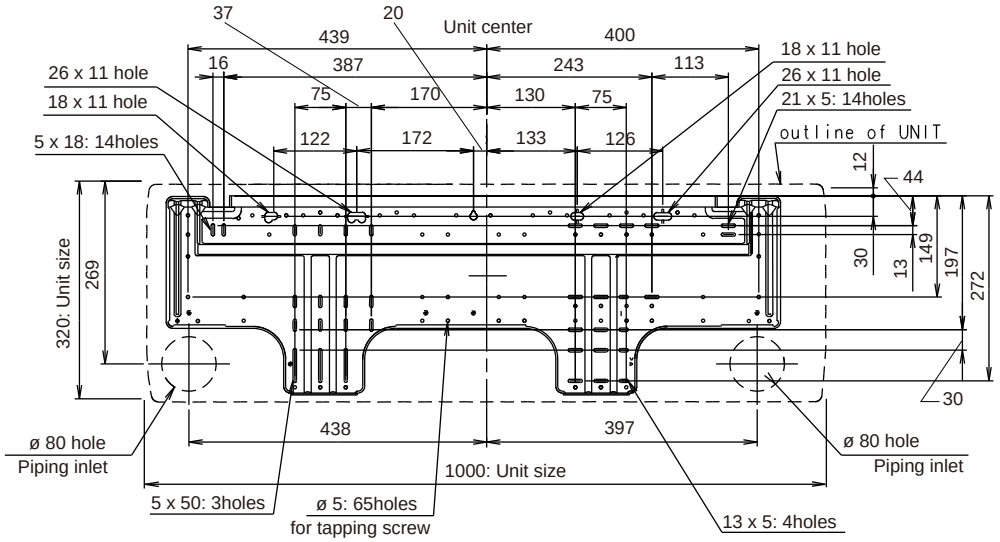


MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■ MODELS : AS∗G18LFCA, AS∗G24LFCA, AS∗G24LFCC

Unit : mm



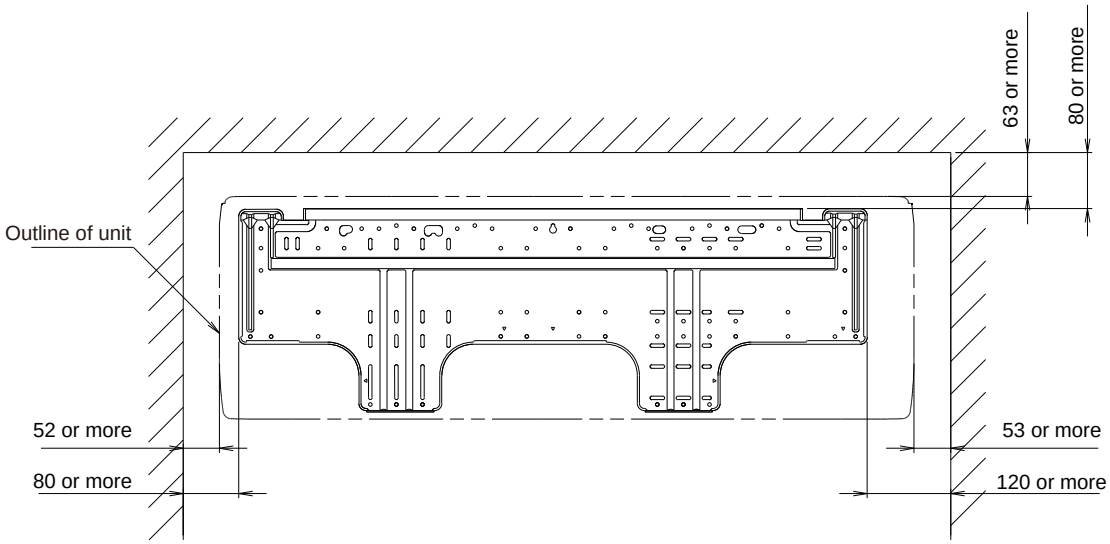



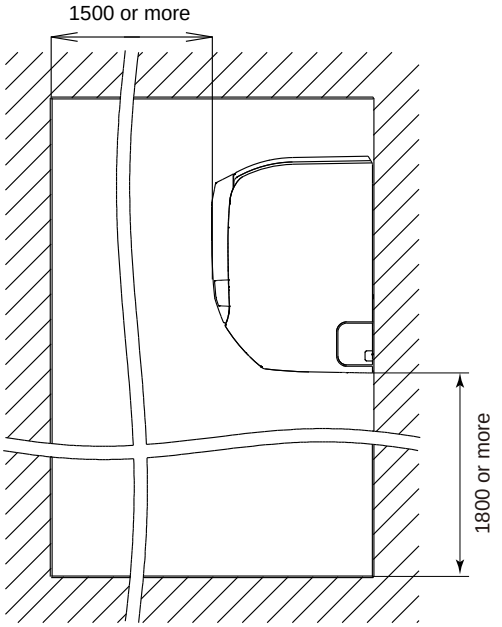

| | | | AS∗G18L | AS∗G24L |
|---|---|---|---|---|
| ① | Refrigerant pipe flare connection | Liquid | ø 6.35 mm (ø 1/4 in.) | ø 6.35 mm (ø 1/4 in.) |
| ② | | Gas | ø 12.70 mm (ø 1/2 in.) | ø 15.88 mm (ø 5/8 in.) |
| ③ | Drain hose connection | Drain hose | I.D. 12 mm , O.D. 16 mm<br>Total length : 670 mm | |

MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■ INSTALLATION PLACE

Unit : mm

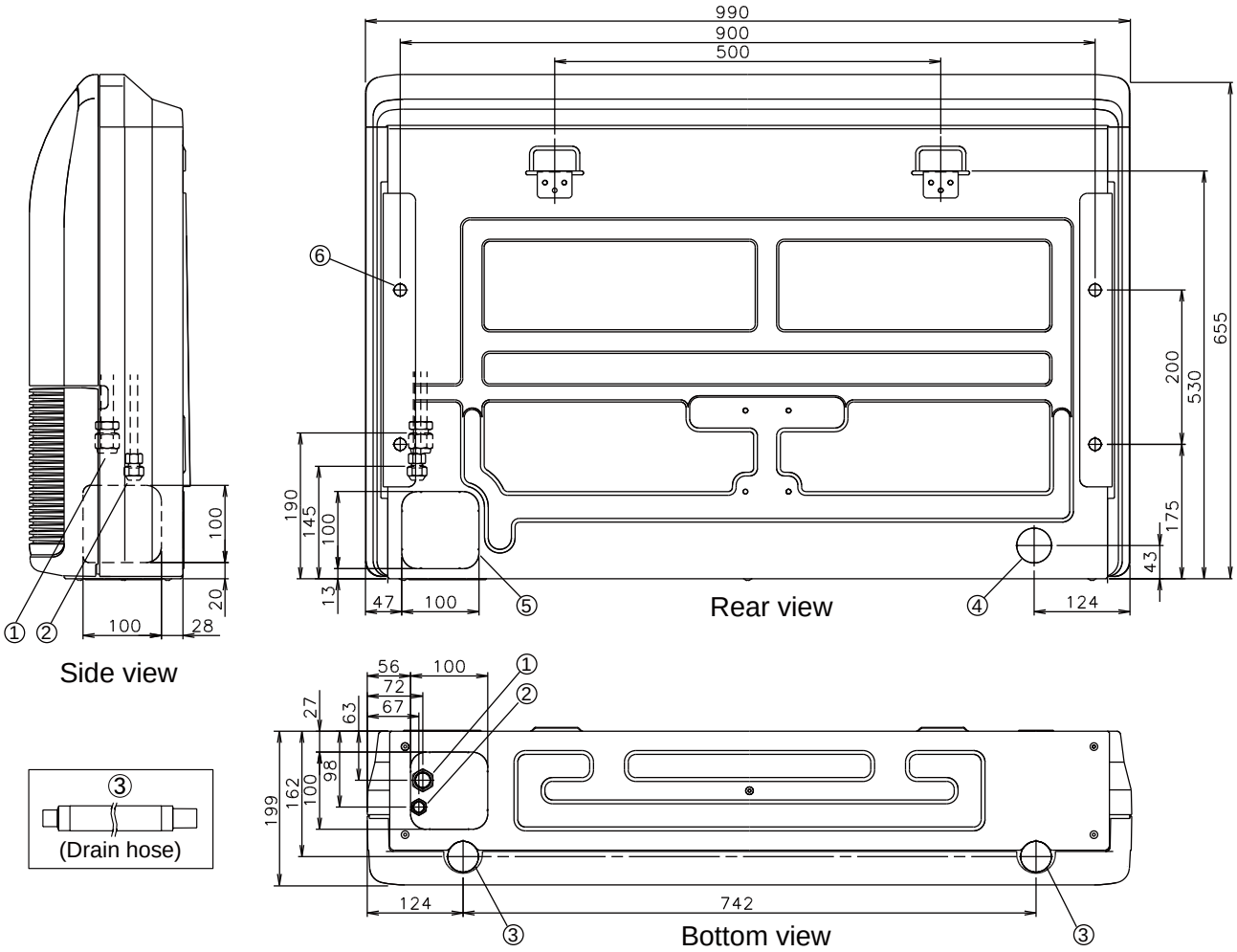


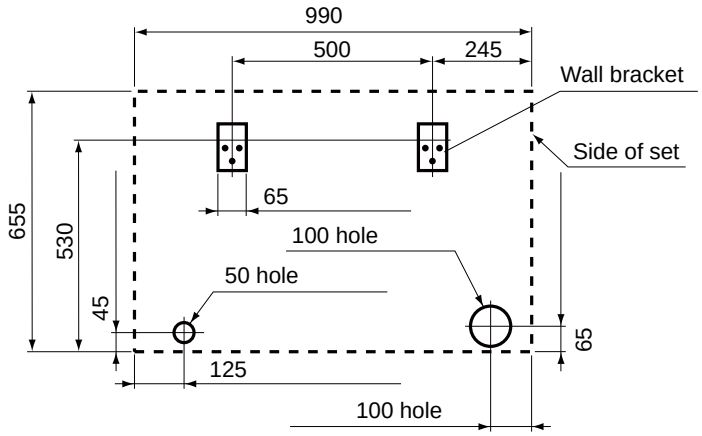



MULTI TYPE
2, 3, 4 ROOMS TYPE

# 4-4. FLOOR / CEILING TYPE

## ■ MODELS : AB∗G14LVTA, AB∗G18LVTA, AB∗G18LVTB

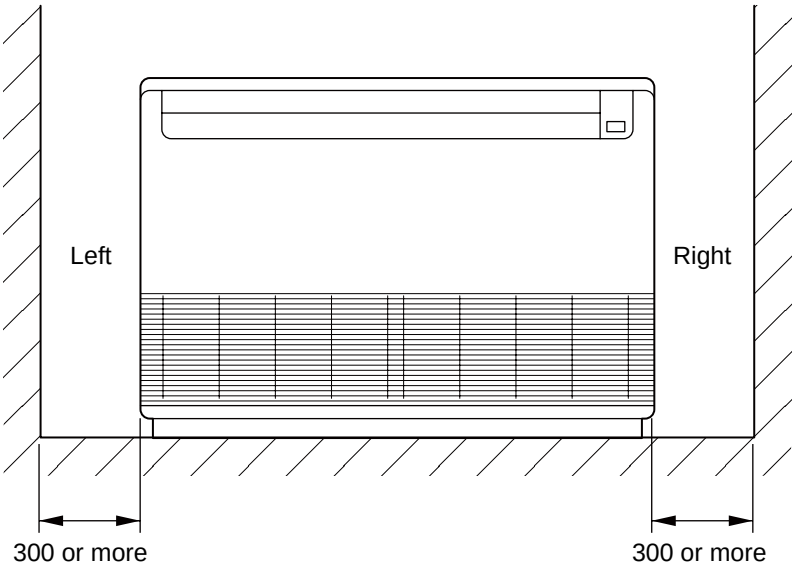


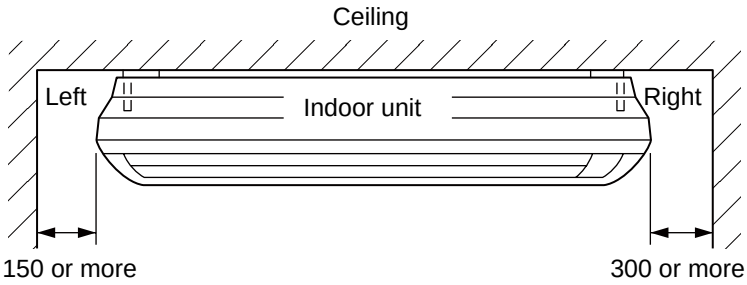



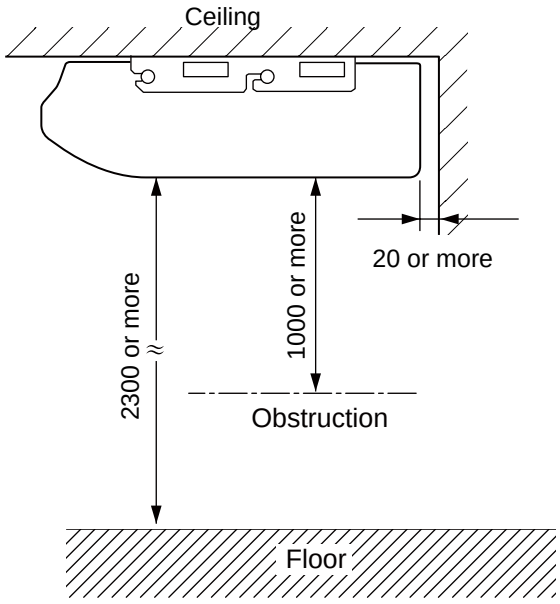

| | | | AB∗G14L, AB∗G18L |
|---|---|---|---|
| ① | Refrigerant pipe flare connection | Liquid | ø 6.35 mm (ø 1/4 in.) |
| ② | | Gas | ø 12.70 mm (ø 1/2 in.) |
| ③ | Drain hose connection | Drain hose | O.D. 32 mm (VP25) |
| ④ | Knock out hole | Drain outlet | ø 45 mm |
| ⑤ | | - | - |
| ⑥ | Hole for suspension bolt | - | Use M10 bolt |

MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■ INSTALLATION PLACE



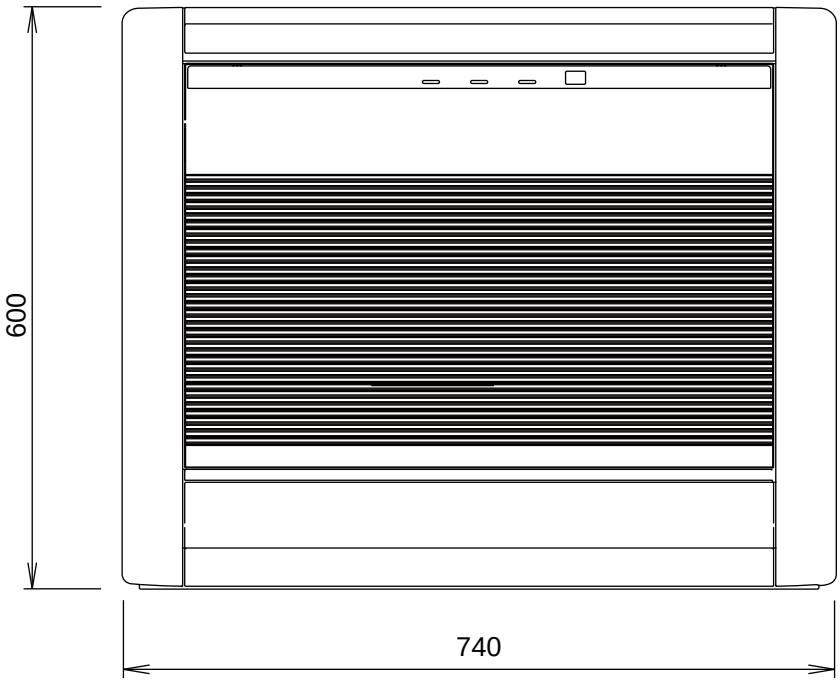



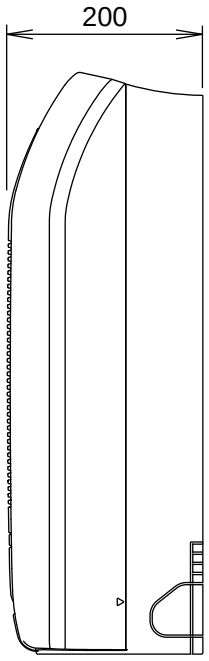
MULTI TYPE
2, 3, 4 ROOMS TYPE

# 4-5. FLOOR TYPE

## ■ MODELS : AG*G09LVCA, AG*G12LVCA, AG*G14LVCA

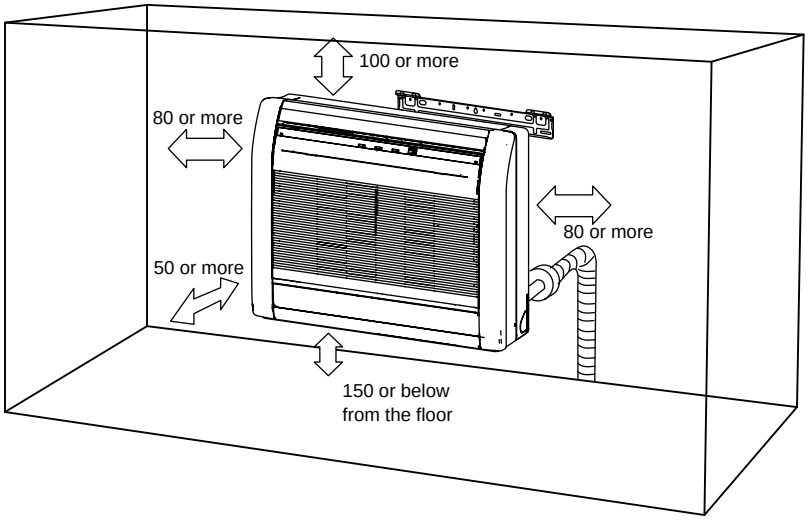



Front view




Side view

## ■ INSTALLATION PLACE

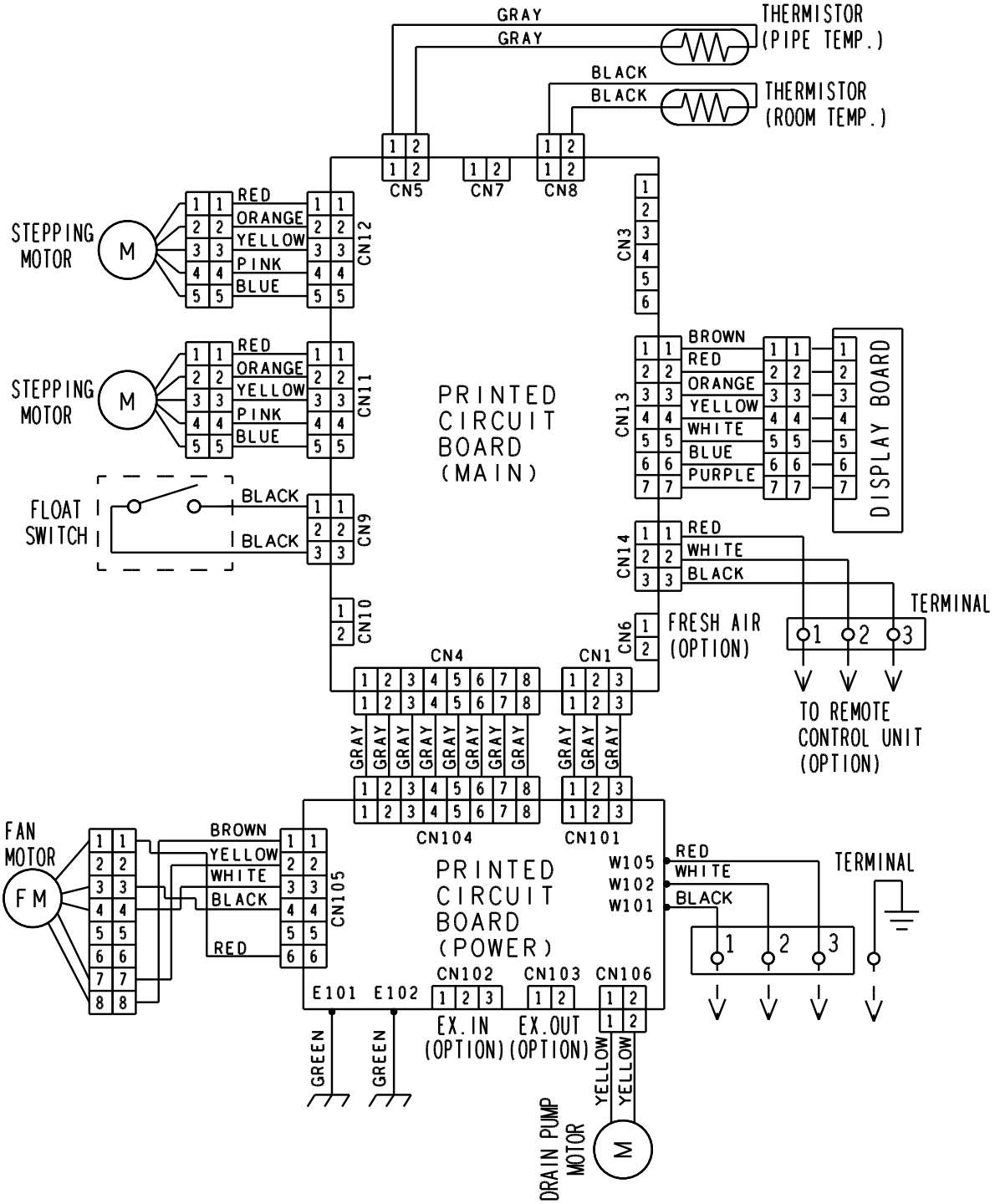


MULTI TYPE
2, 3, 4 ROOMS TYPE

# 5. WIRING DIAGRAMS

## 5-1. COMPACT CASSETTE TYPE

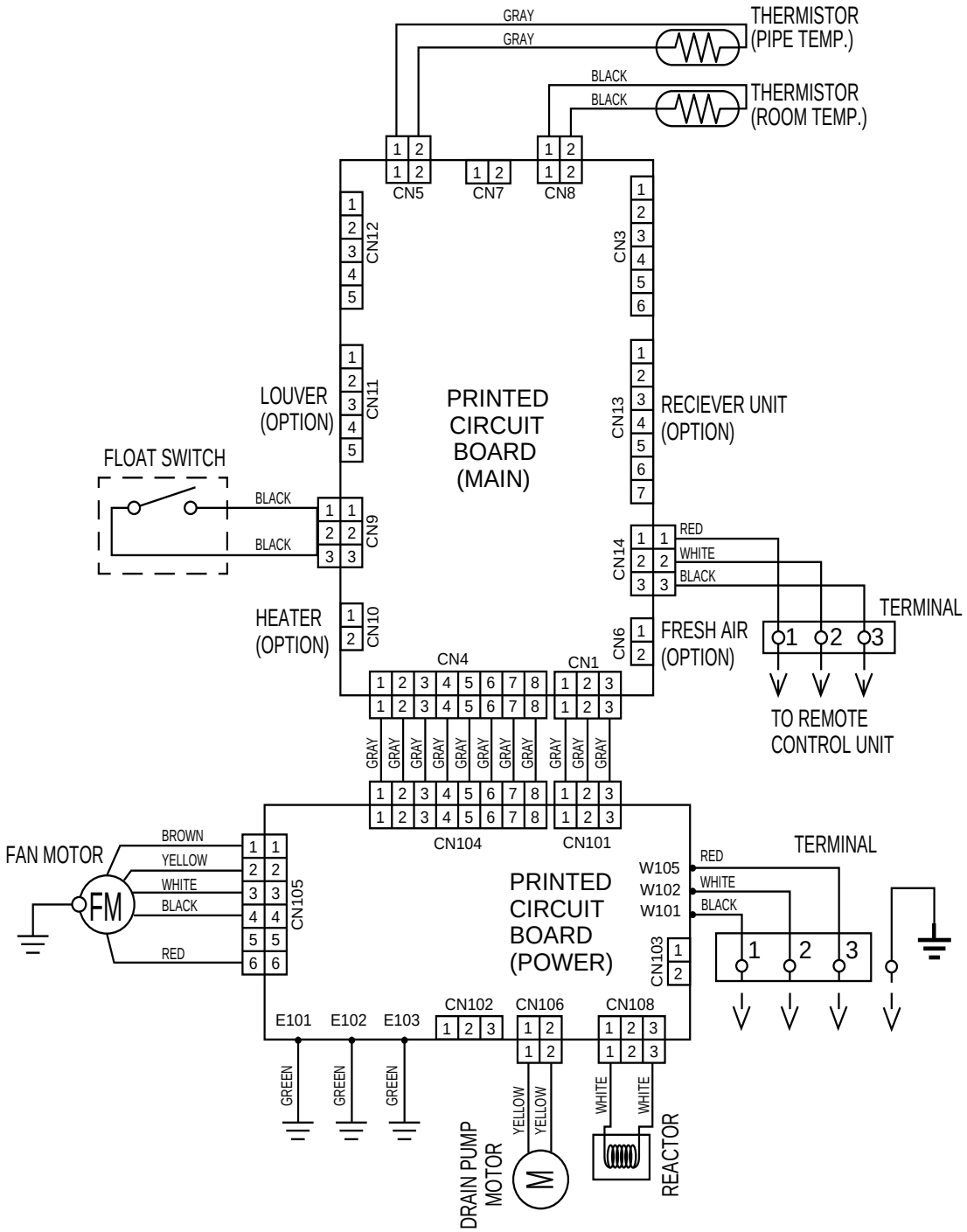
### ■ MODELS : AU∗G07LVLA, AU∗G09LVLA, AU∗G12LVLA, AU∗G14LVLA, AU∗G18LVLA, AU∗G12LVLB, AU∗G14LVLB, AU∗G18LVLB



MULTI TYPE
2, 3, 4 ROOMS TYPE

# 5-2. SLIM DUCT TYPE

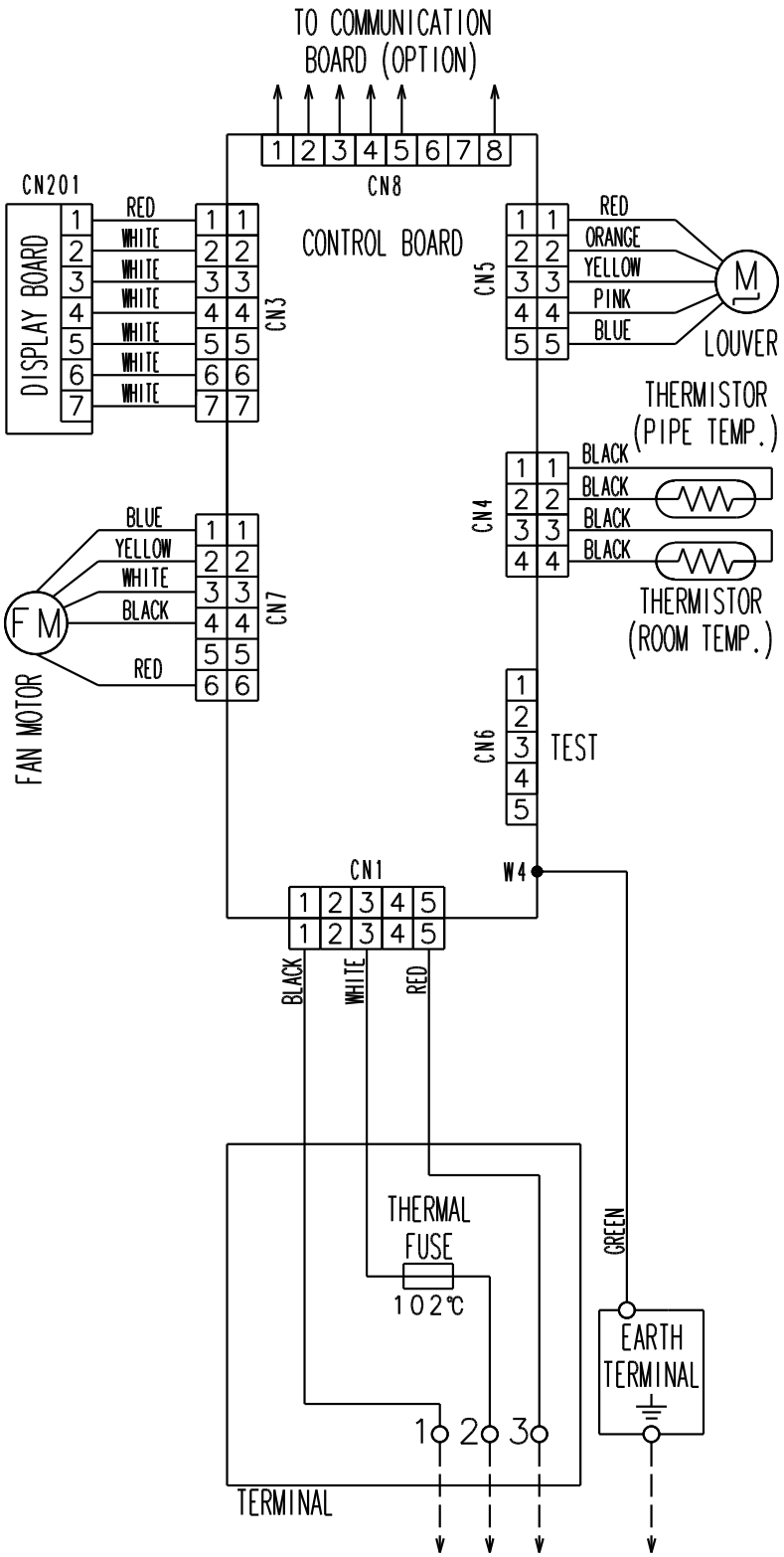
## ■ MODELS : AR∗G07LLTA, AR∗G09LLTA, AR∗G12LLTA, AR∗G14LLTA, AR∗G18LLTA, AR∗G12LLTB, AR∗G14LLTB, AR∗G18LLTB



MULTI TYPE
2, 3, 4 ROOMS TYPE

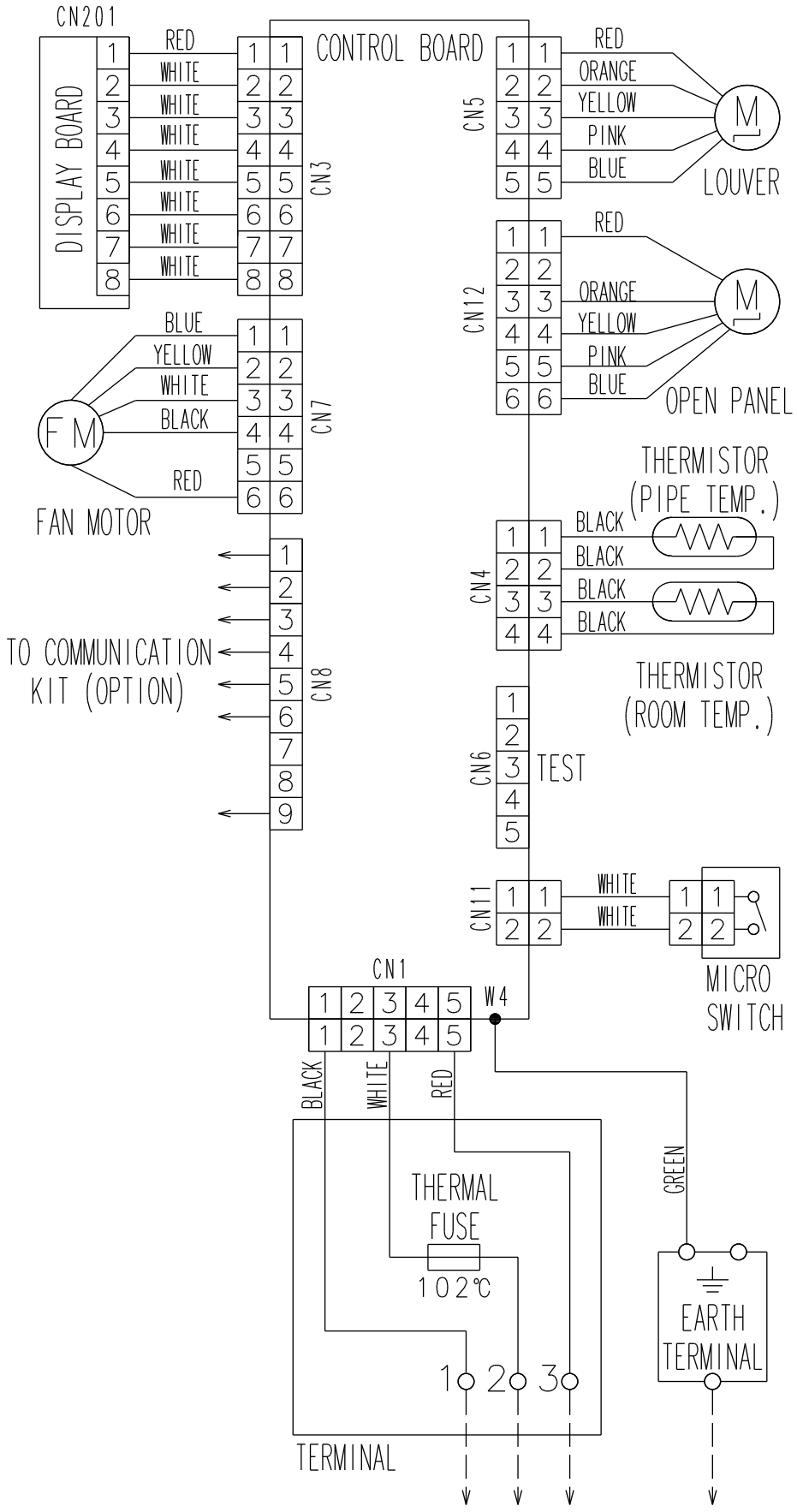
# 5-3. WALL MOUNTED TYPE

## ■ MODELS : AS*G07LJCA, AS*G09LJCA, AS*G12LJCA



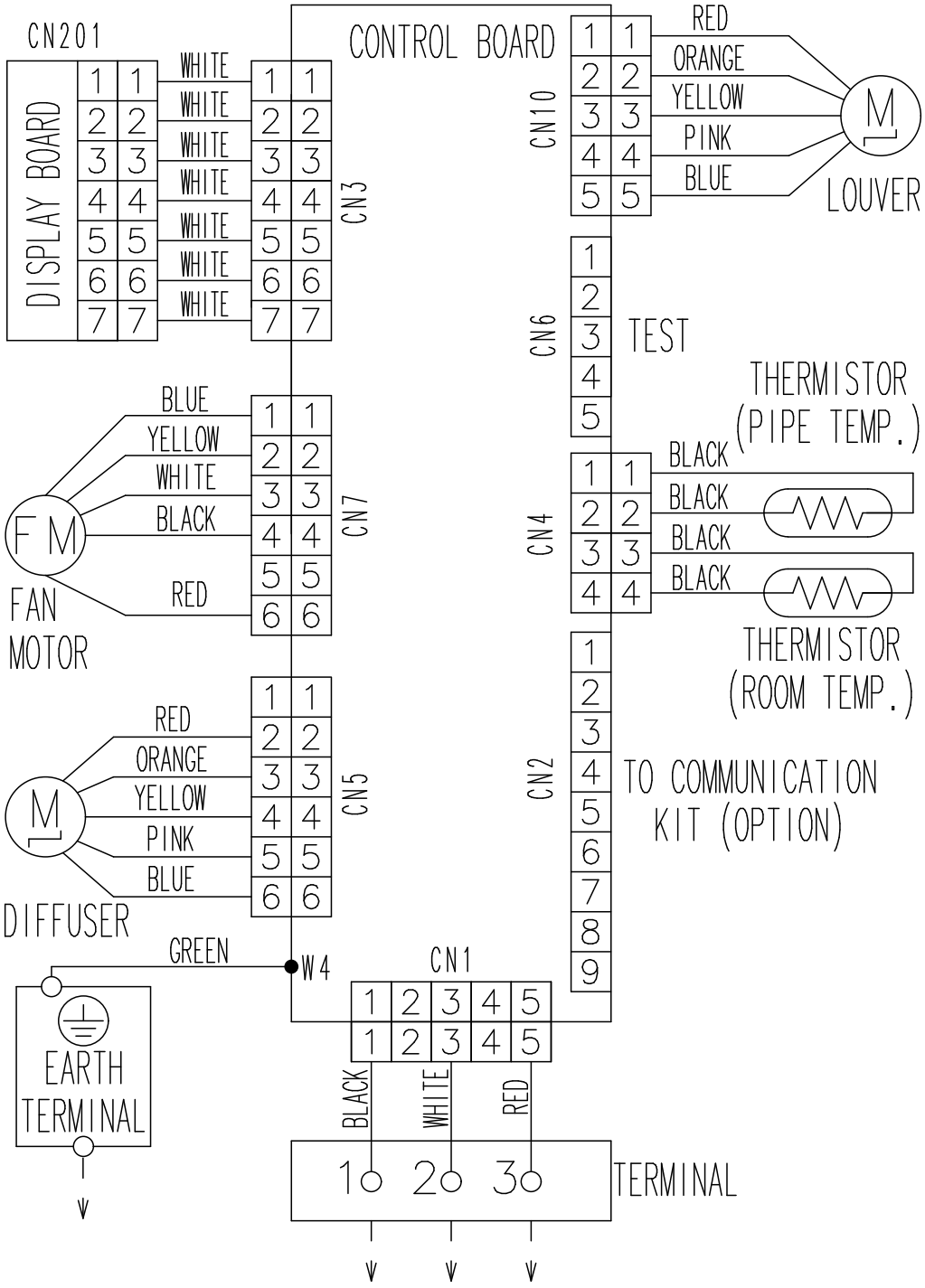
MULTI TYPE
2, 3, 4 ROOMS TYPE

## ■MODELS : AS∗G07LUCA, AS∗G09LUCA, AS∗G12LUCA, AS∗G14LUCA



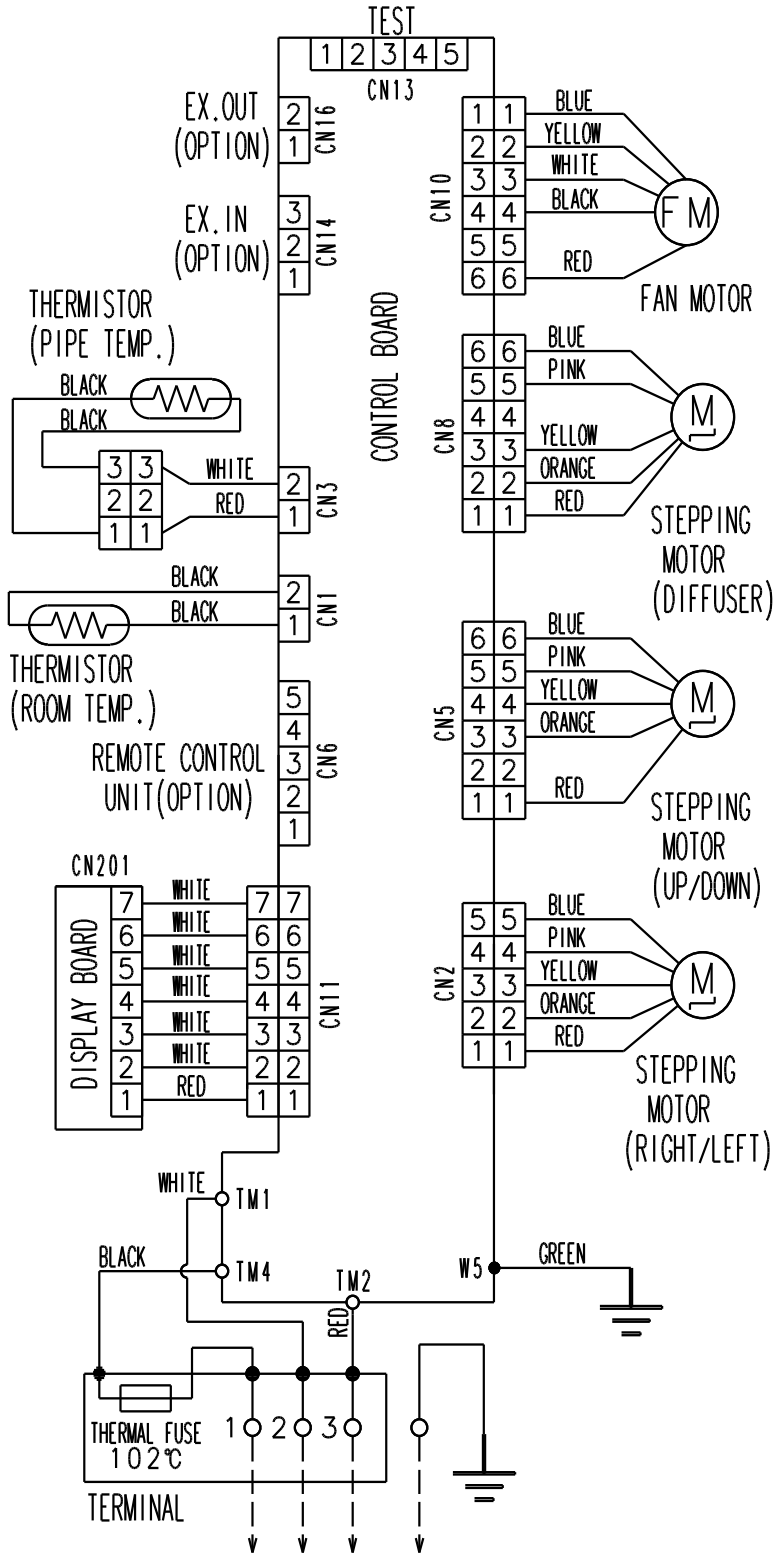
MULTI TYPE
2, 3, 4 ROOMS TYPE

## ■MODELS : AS∗G07LMCA, AS∗G09LMCA, AS∗G12LMCA, AS∗G14LMCA



MULTI TYPE
2, 3, 4 ROOMS TYPE

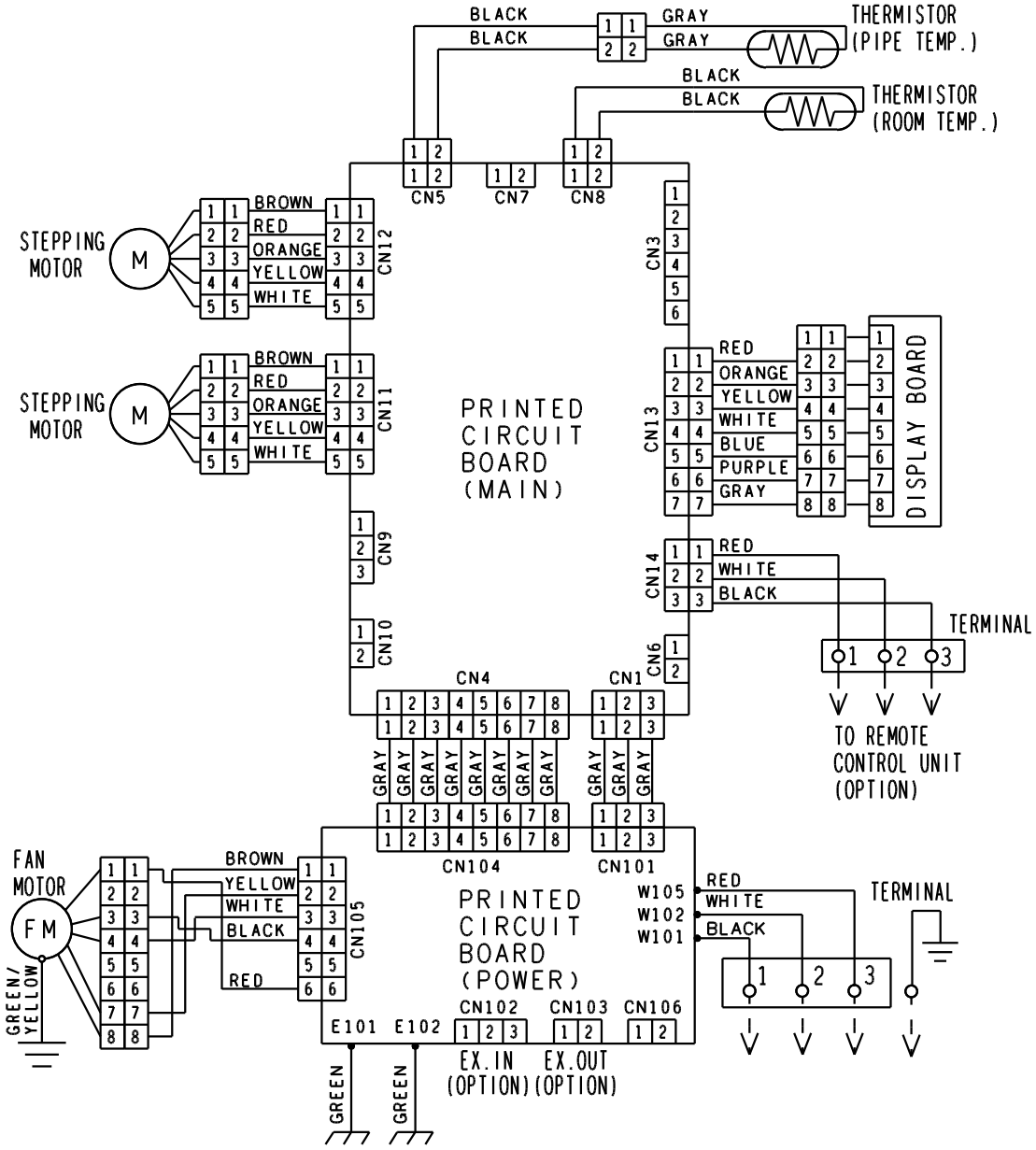
## ■MODELS : AS*G18LFCA, AS*G24LFCA, AS*G24LFCC



MULTI TYPE
2, 3, 4 ROOMS TYPE

# 5-4. FLOOR / CEILING TYPE

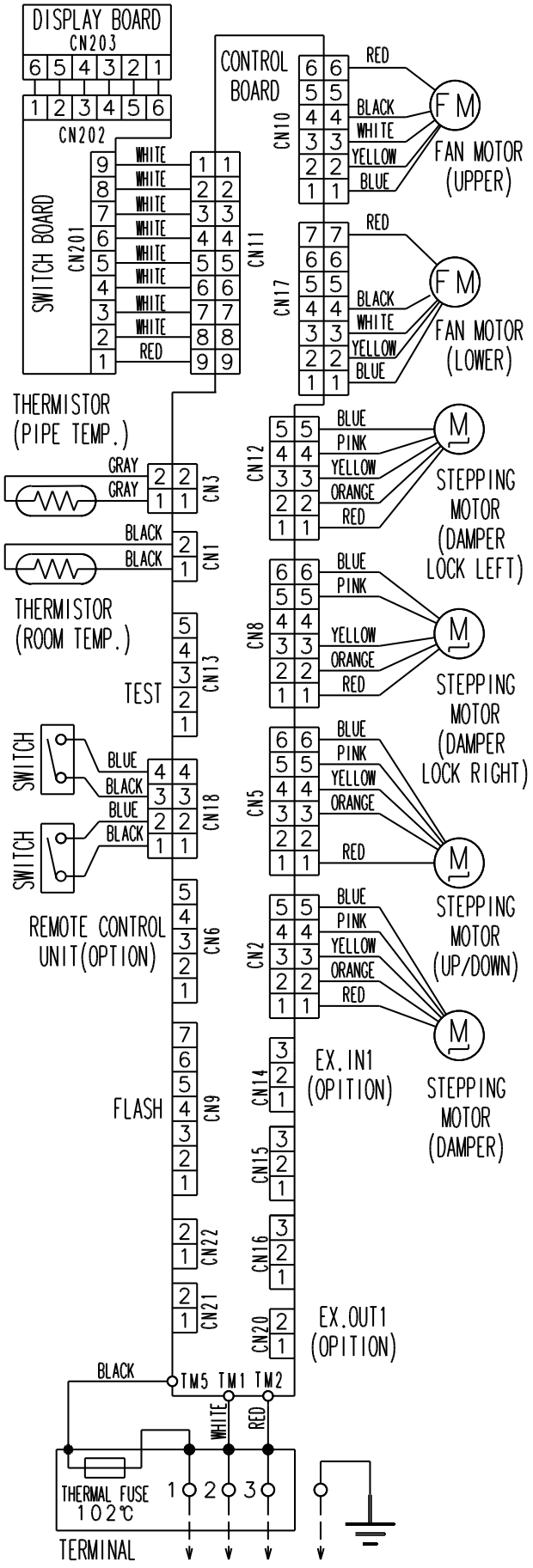
## ■ MODELS : AB∗G14LVTA, AB∗G18LVTA, AB∗G18LVTB



MULTI TYPE
2, 3, 4 ROOMS TYPE

# 5-5. FLOOR TYPE

## ■ MODELS : AG*G09LVCA, AG*G12LVCA, AG*G14LVCA



MULTI TYPE
2, 3, 4 ROOMS TYPE

# 6. AIR VELOCITY AND TEMPERATURE DISTRIBUTIONS

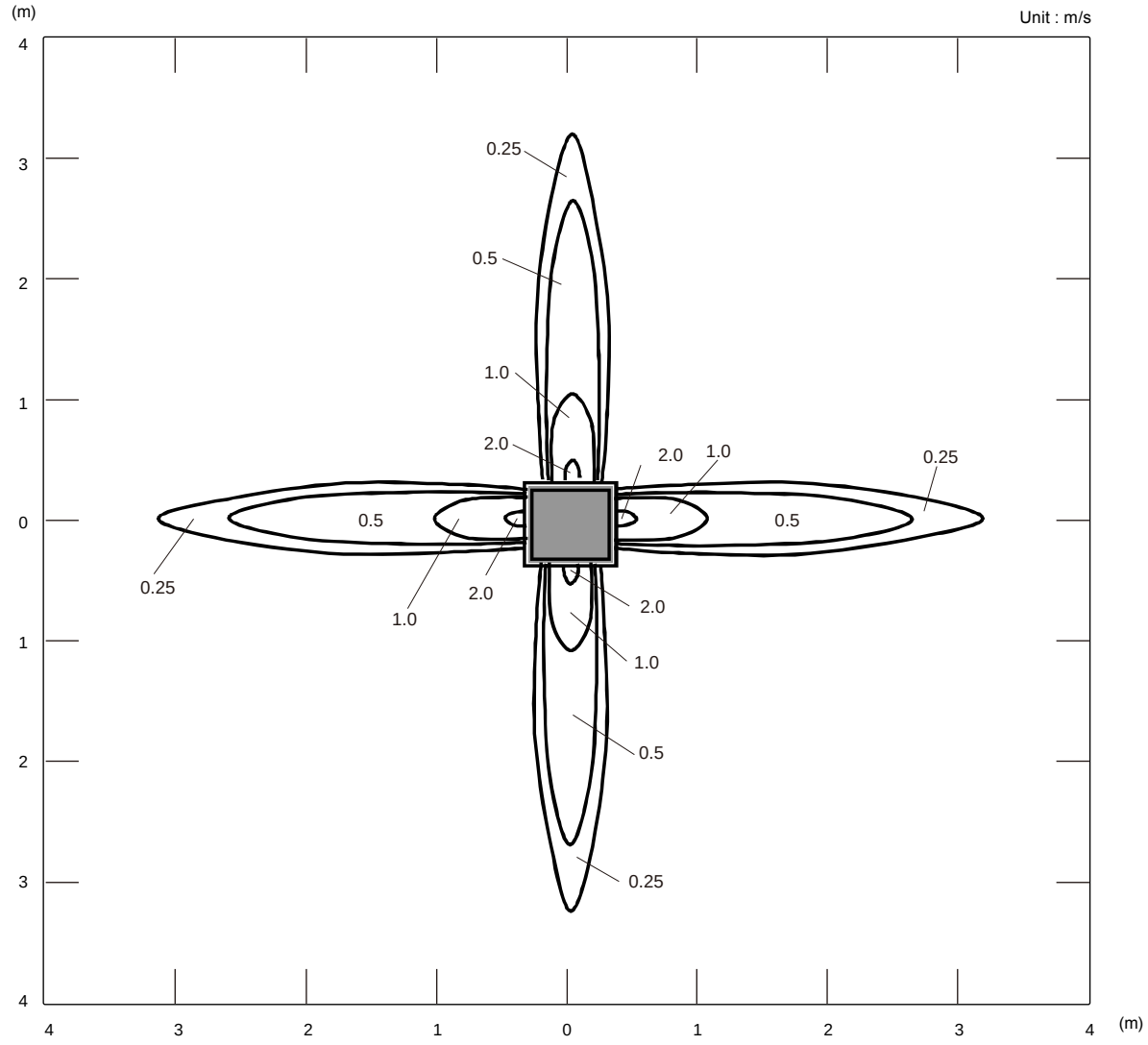
## 6-1. COMPACT CASSETTE TYPE

Conditions
Fan speed : High
Operation mode : Fan

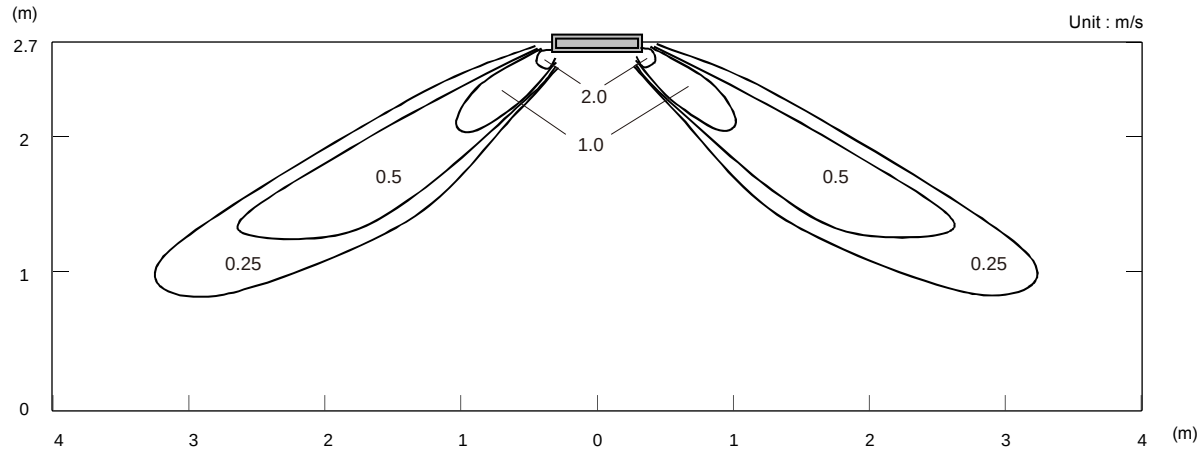
### ■ MODELS : AU∗G07LVLA, AU∗G09LVLA

#### ● Air velocity distribution

Top view
Vertical flap : Up




Side view
Vertical flap : Up

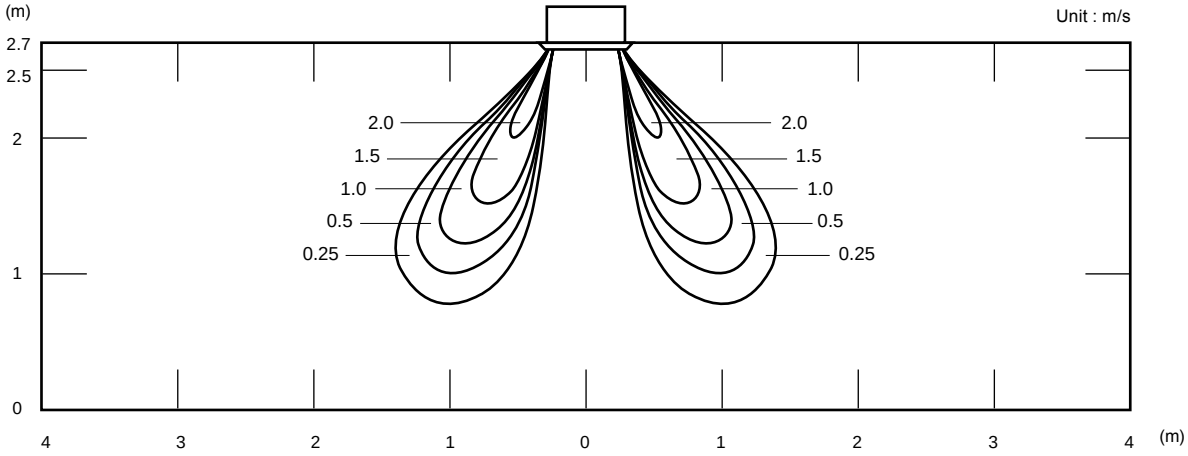


MULTI TYPE
2, 3, 4 ROOMS TYPE

Reference data
Conditions
Fan speed : High
Operation mode : Heating
Vertical flap : 4 Way

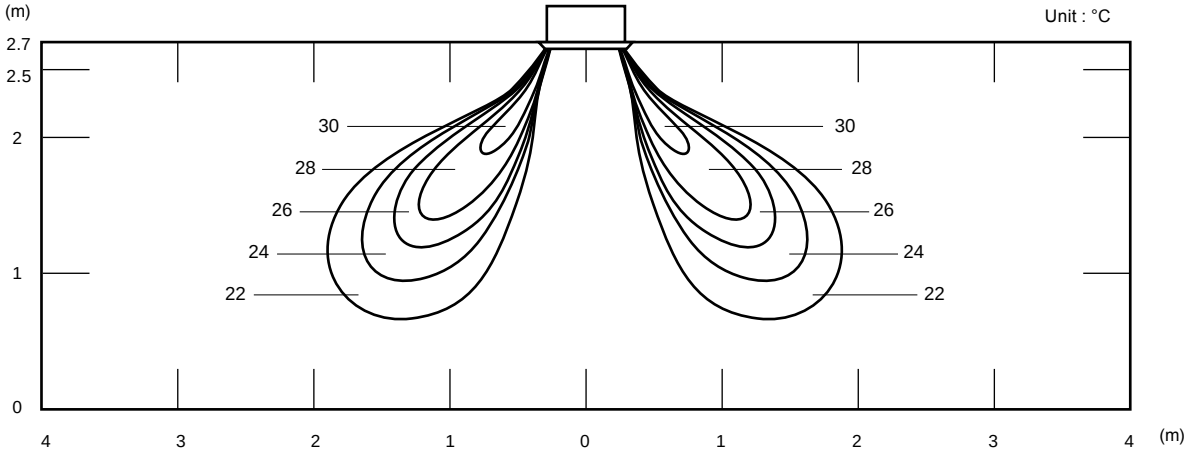
## ● Air velocity distribution

Side view
Vertical flap : Down




## ● Air temperature distribution

Side view
Vertical flap : Down



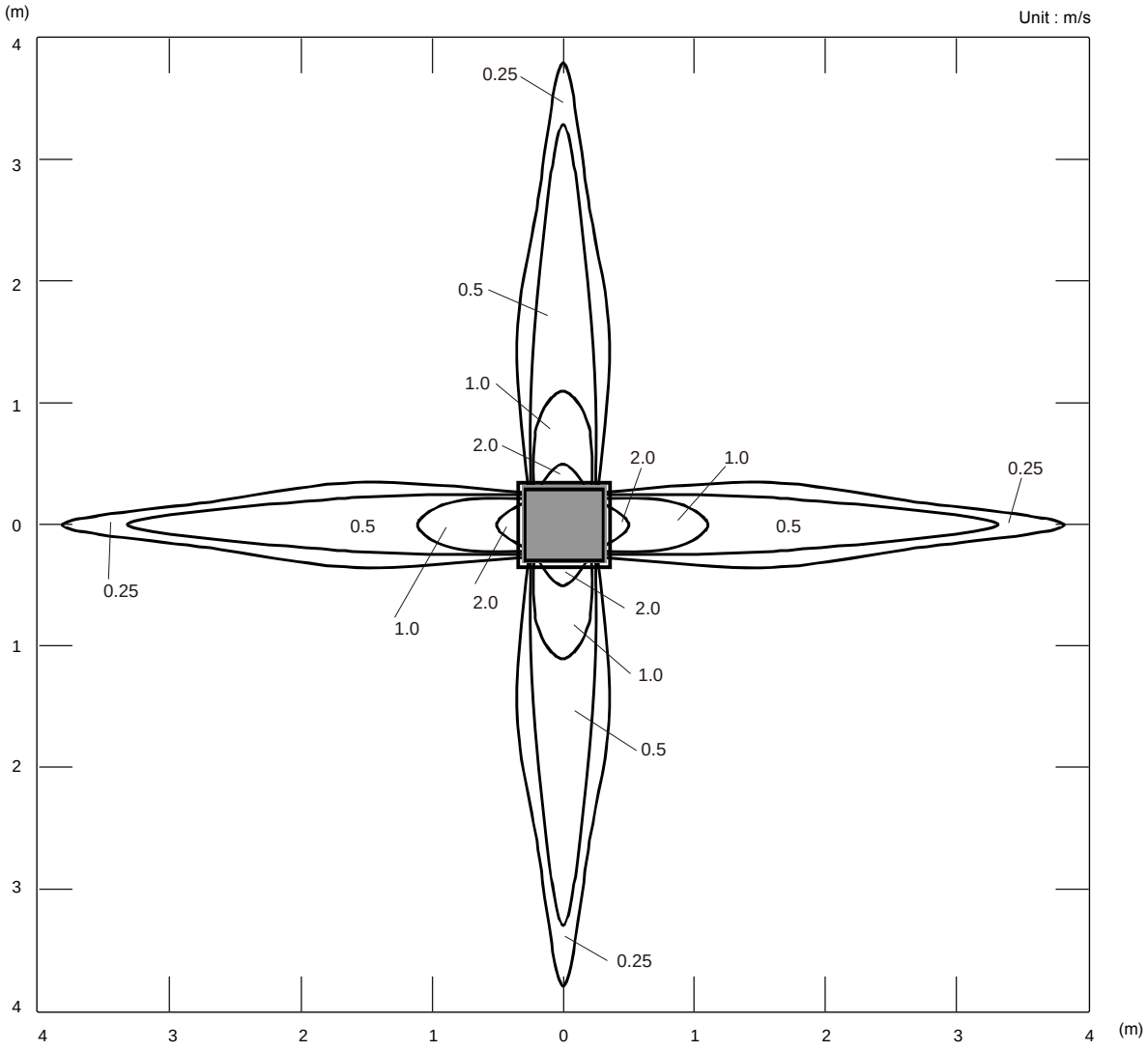
MULTI TYPE
2, 3, 4 ROOMS TYPE

Conditions
Fan speed : High
Operation mode : Fan

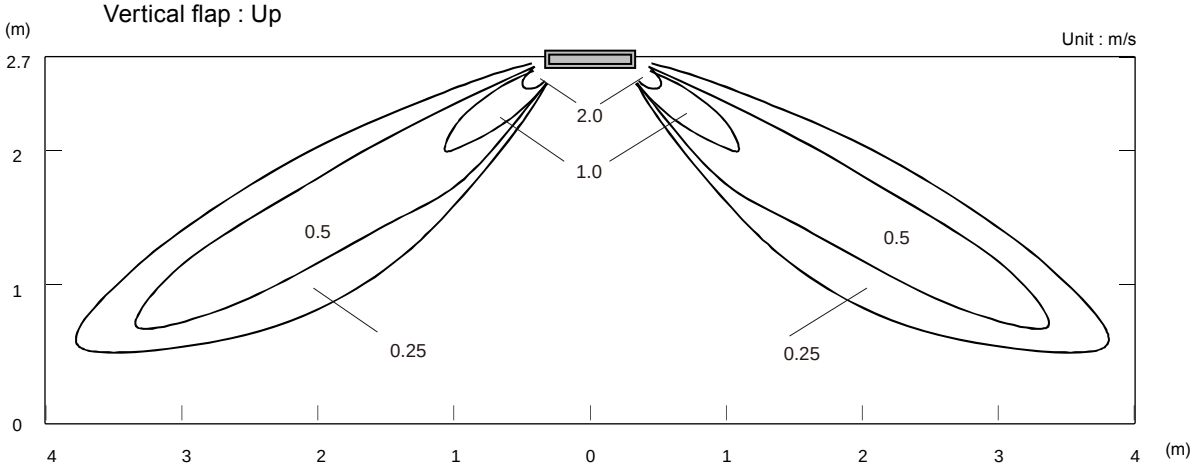
# ■MODELS : AU∗G12LVLA, AU∗G12LVLB

## ●Air velocity distribution

Top view
Vertical flap : Up




Side view
Vertical flap : Up

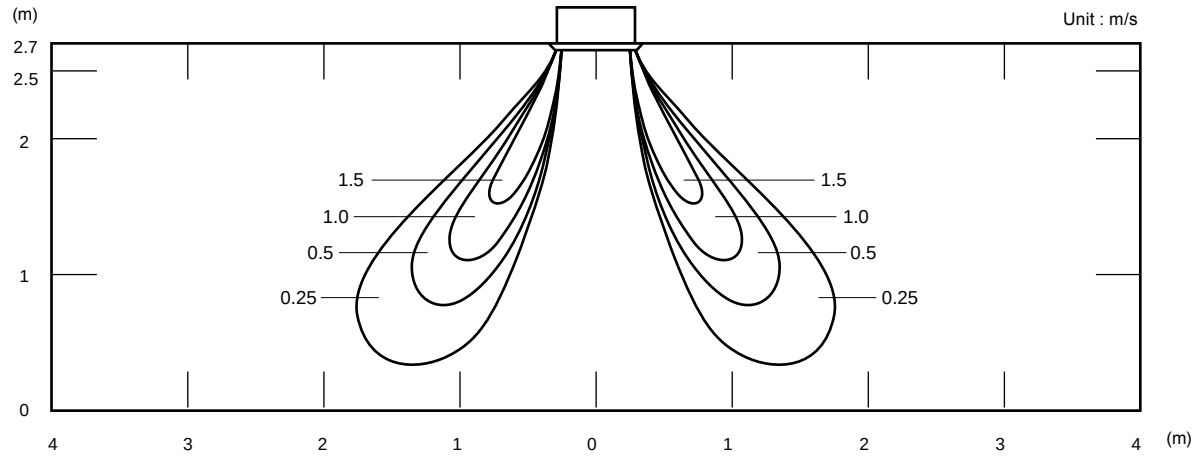


MULTI TYPE
2, 3, 4 ROOMS TYPE

Reference data
Conditions
Fan speed : High
Operation mode : Heating
Vertical flap : 4 Way

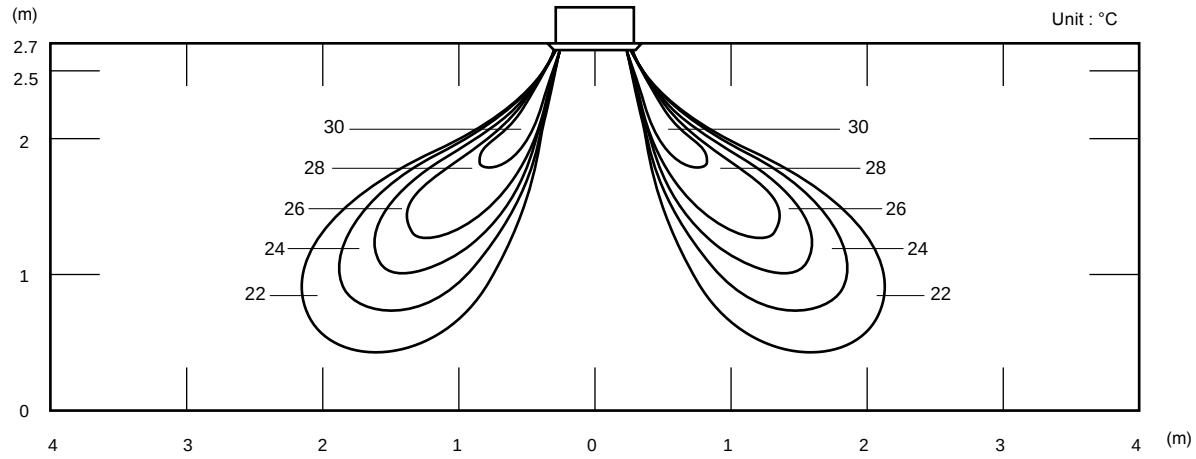
## ● Air velocity distribution

Side view
Vertical flap : Down




## ● Air temperature distribution

Side view
Vertical flap : Down



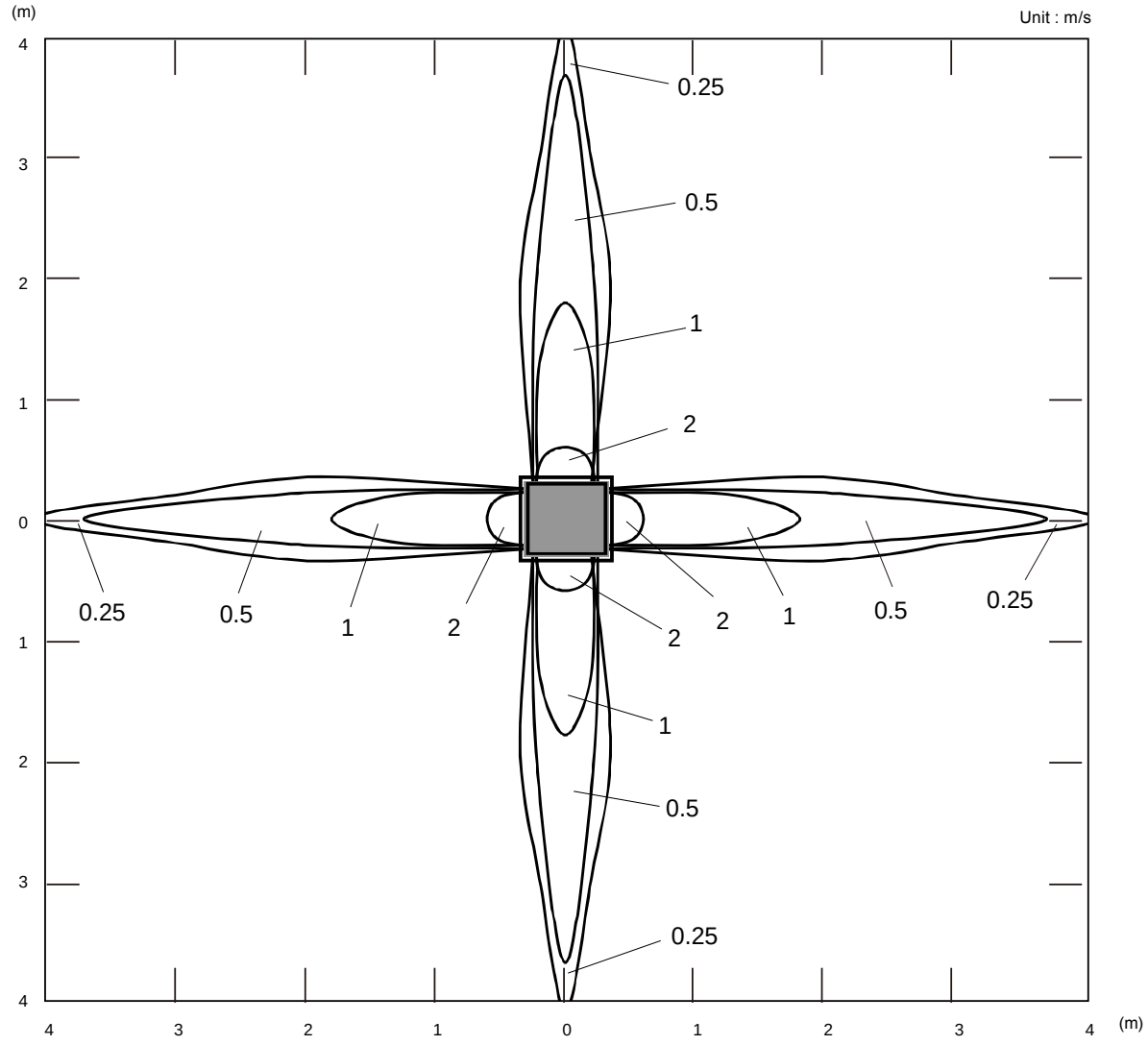
MULTI TYPE
2, 3, 4 ROOMS TYPE

Conditions
Fan speed : High
Operation mode : Fan

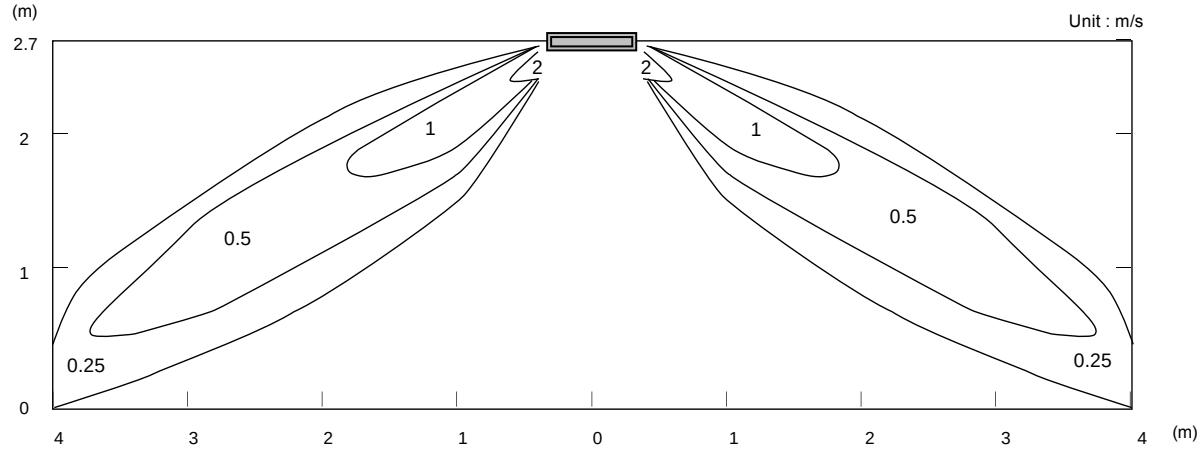
# ■MODELS : AU∗G14LVLA, AU∗G14LVLB

## ●Air velocity distribution

Top view
Vertical flap : Up




Side view
Vertical flap : Up

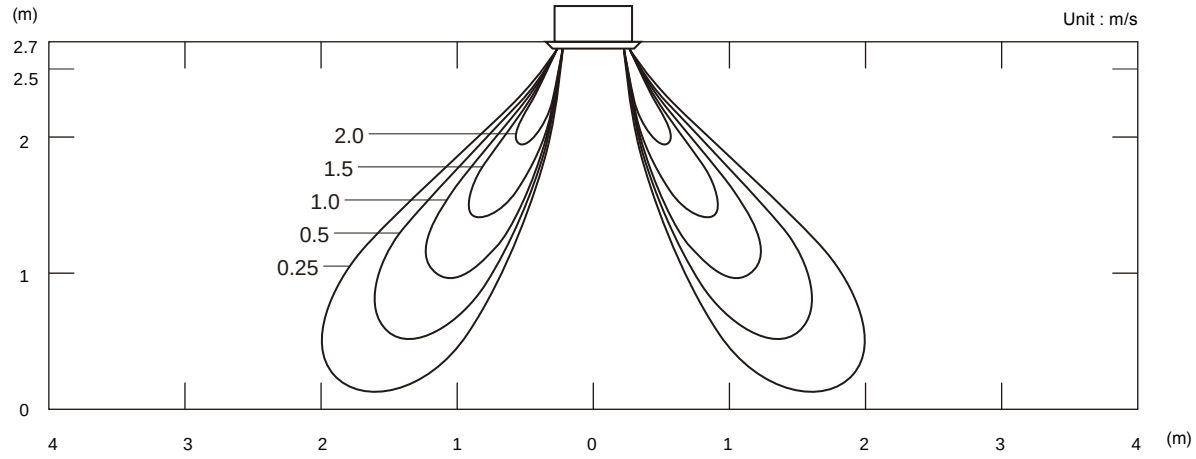


MULTI TYPE
2, 3, 4 ROOMS TYPE

Reference data
Conditions
Fan speed : High
Operation mode : Heating
Vertical flap : 4 Way

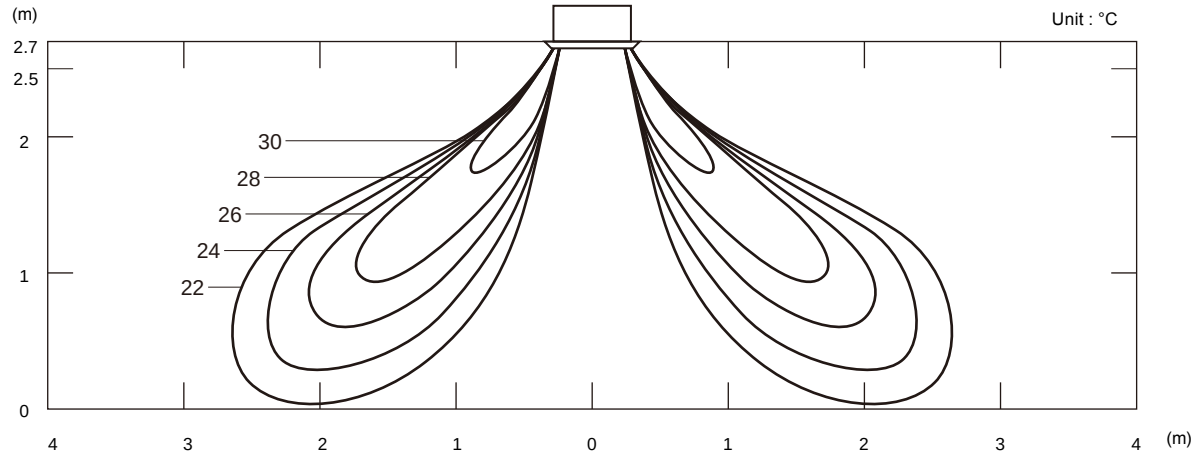
## ● Air velocity distribution

Side view
Vertical flap : Down




## ● Air temperature distribution

Side view
Vertical flap : Down



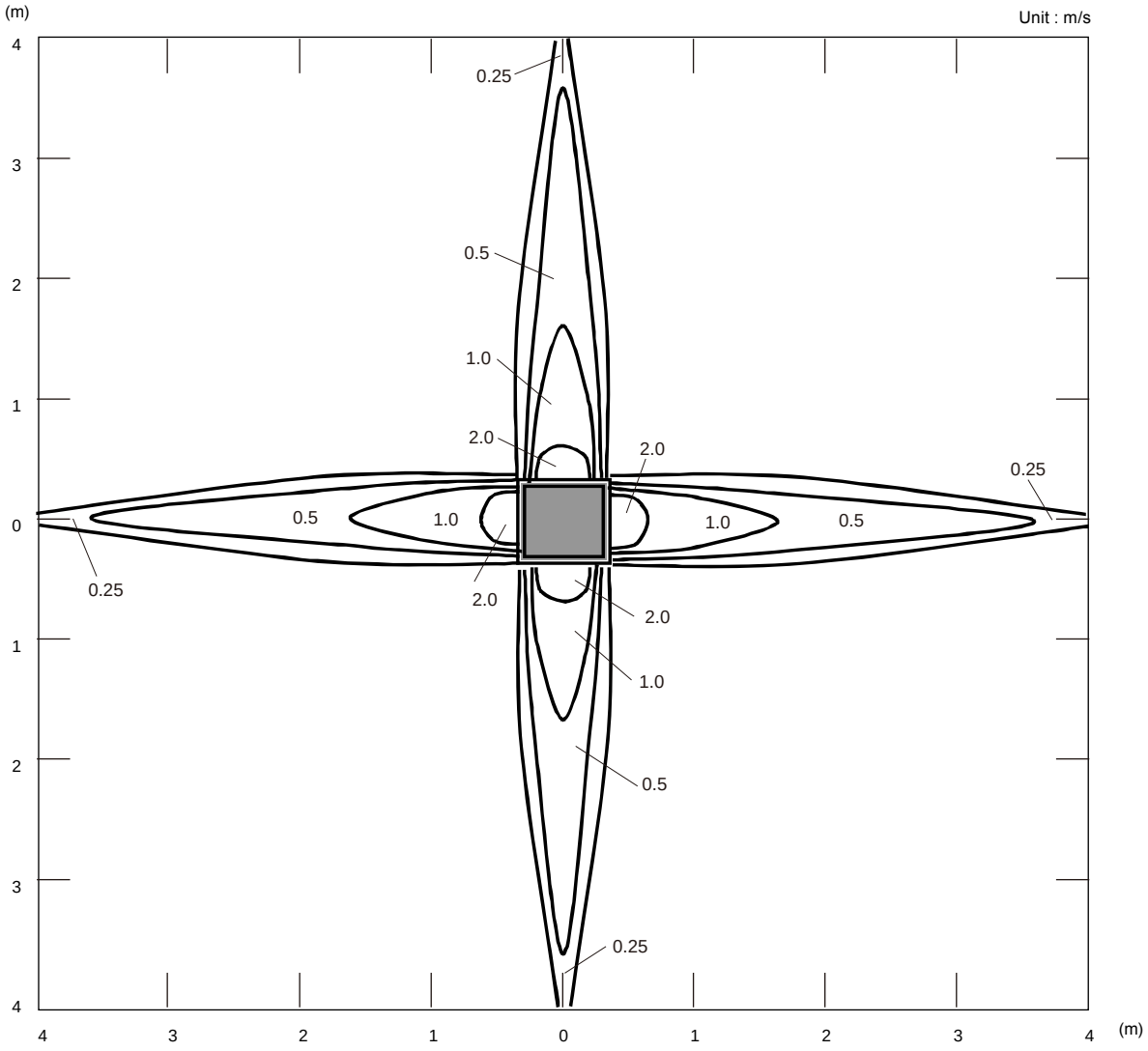
MULTI TYPE
2, 3, 4 ROOMS TYPE

Conditions
Fan speed : High
Operation mode : Fan

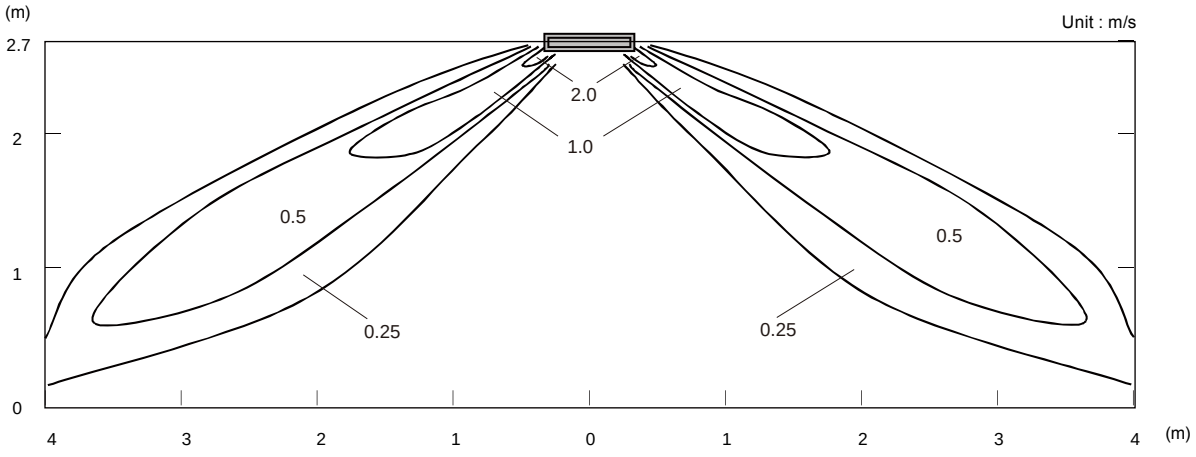
# ■ MODELS : AU∗G18LVLA, AU∗G18LVLB

## ● Air velocity distribution

Top view
Vertical flap : Up




Side view
Vertical flap : Up

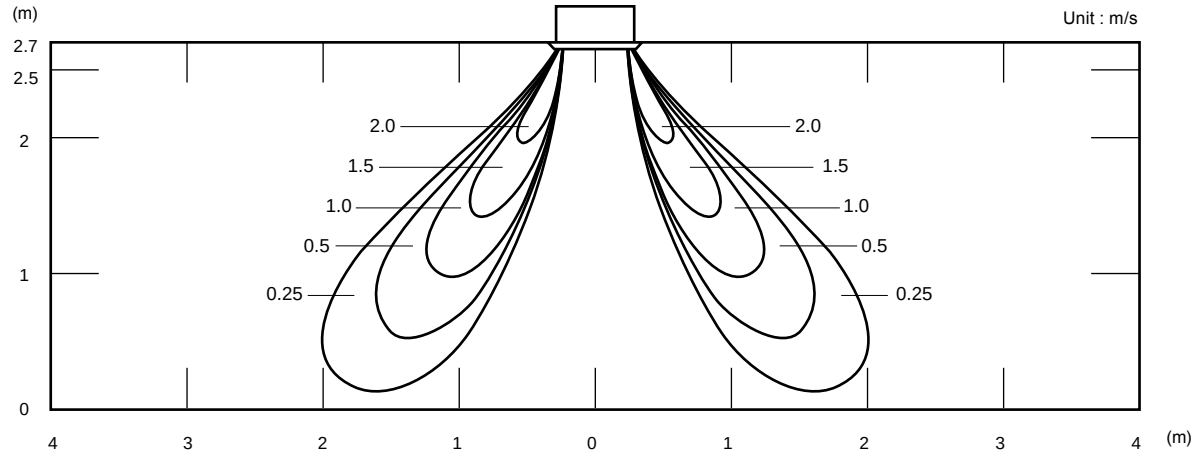


MULTI TYPE
2, 3, 4 ROOMS TYPE

Reference data
Conditions
Fan speed : High
Operation mode : Heating
Vertical flap : 4 Way

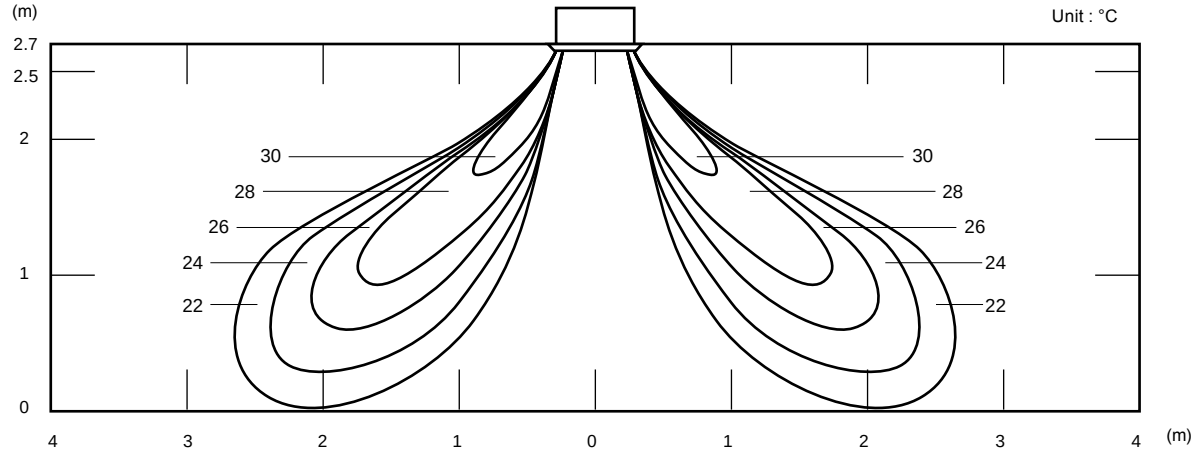
## ● Air velocity distribution

Side view
Vertical flap : Down




## ● Air temperature distribution

Side view
Vertical flap : Down



MULTI TYPE
2, 3, 4 ROOMS TYPE

# 6-2. SLIM DUCT TYPE with Auto louver grille kit

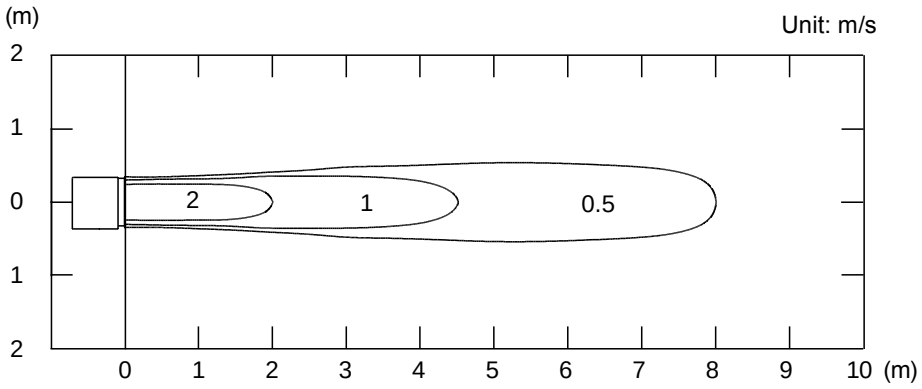
Conditions
Fan speed : High
Operation mode : Fan
Voltage : 230V

## ■ MODEL : AR∗G07LLTA (UTD-GXSA-W)

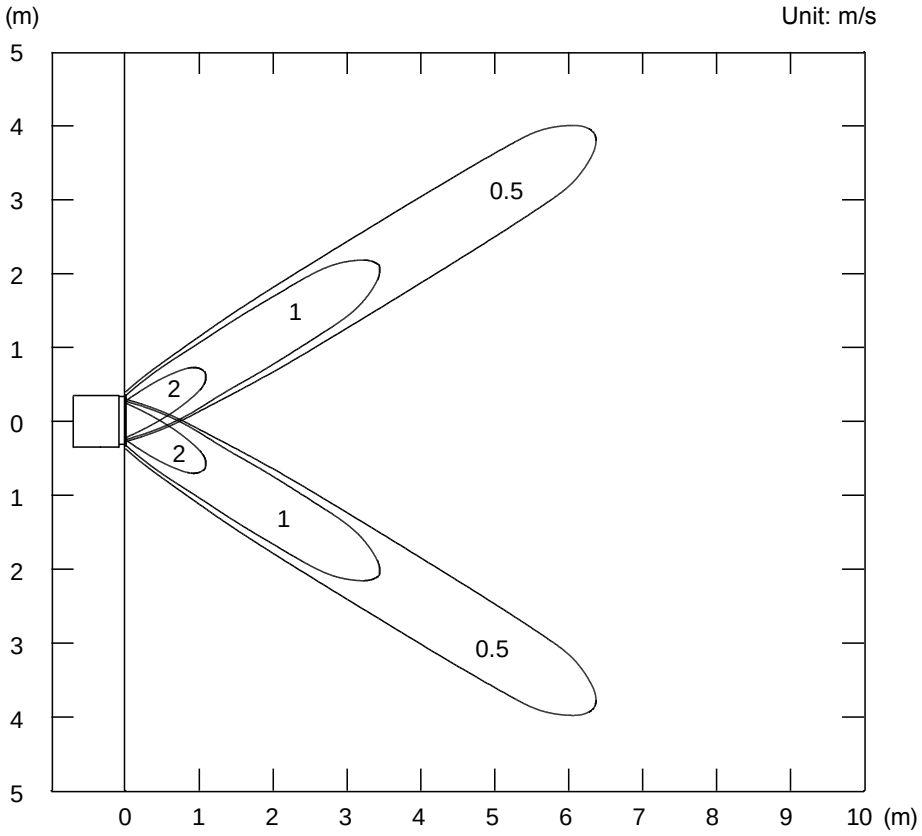
Note: This data is measured installing the Auto louver grille kit(option).

### ● Air velocity distribution

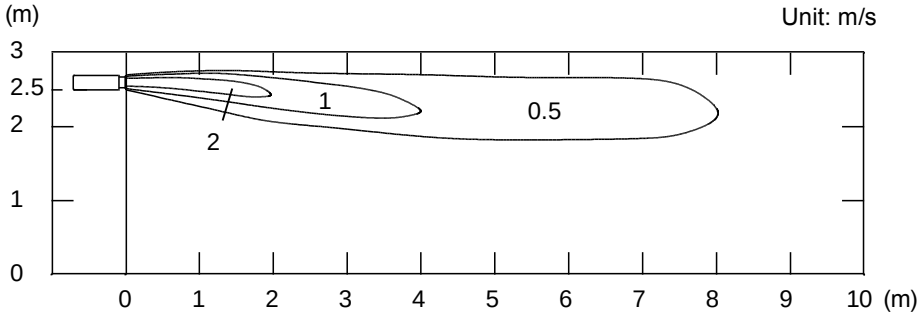
Top view
Vertical flap : Up
Horizontal flap : Center




Top view
Vertical flap : Up
Horizontal flap : Right & Left




Side view
Vertical flap : Up
Horizontal flap : Center



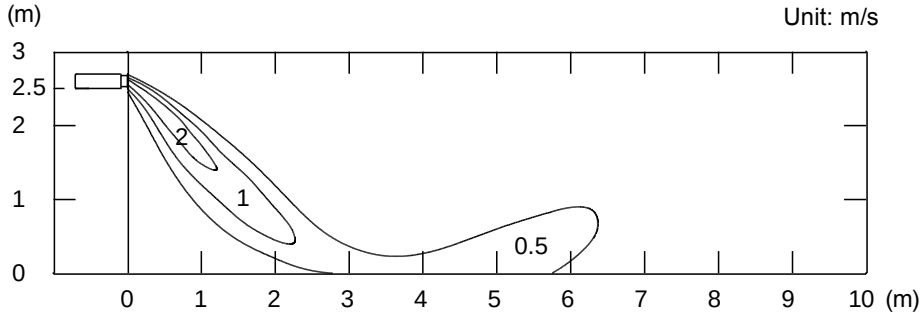
MULTI TYPE
2, 3, 4 ROOMS TYPE

Reference Data
Conditions
Fan speed : High
Operation mode : Heating
Voltage : 230V

Note: This data is measured installing the Auto louver grille kit(option).

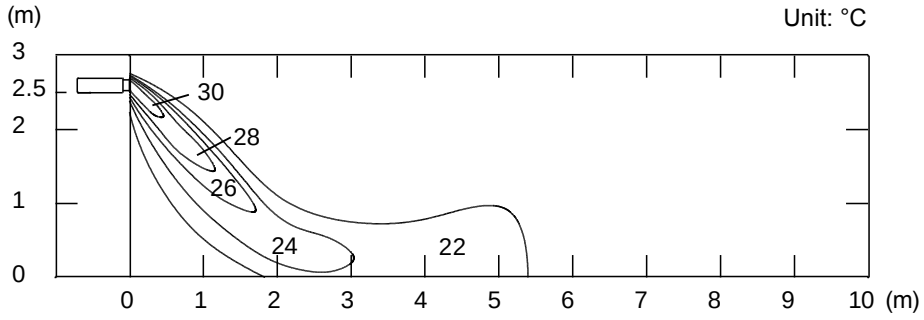
## ● Air velocity distribution

Side view
Vertical flap : Down
Horizontal flap : Center




## ● Air temperature distribution

Side view
Vertical flap : Down
Horizontal flap : Center



MULTI TYPE
2, 3, 4 ROOMS TYPE

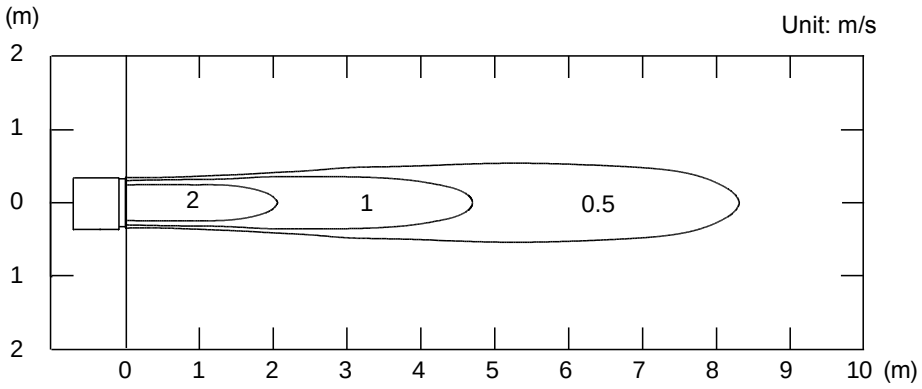
Conditions
Fan speed : High
Operation mode : Fan
Voltage : 230V

# ■ MODEL : AR*G09LLTA (UTD-GXSA-W)

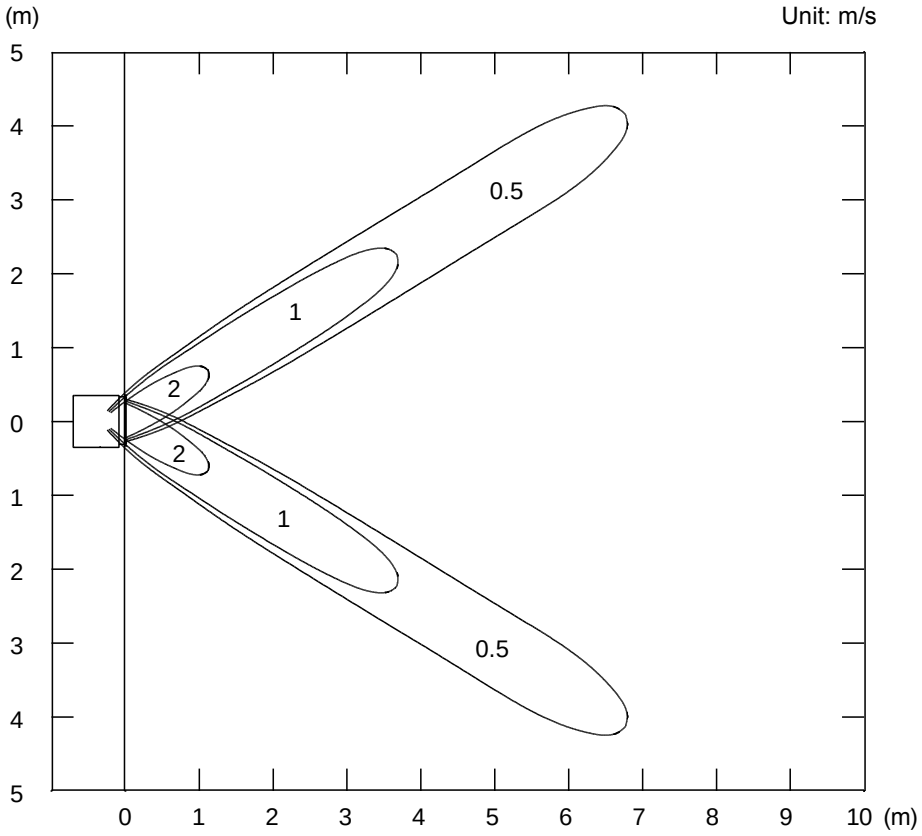
Note: This data is measured installing the Auto louver grille kit(option).

## ● Air velocity distribution

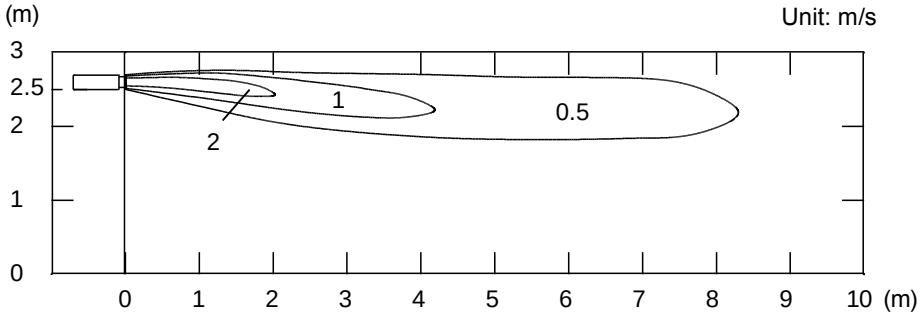
Top view
Vertical flap : Up
Horizontal flap : Center




Top view
Vertical flap : Up
Horizontal flap : Right & Left




Side view
Vertical flap : Up
Horizontal flap : Center



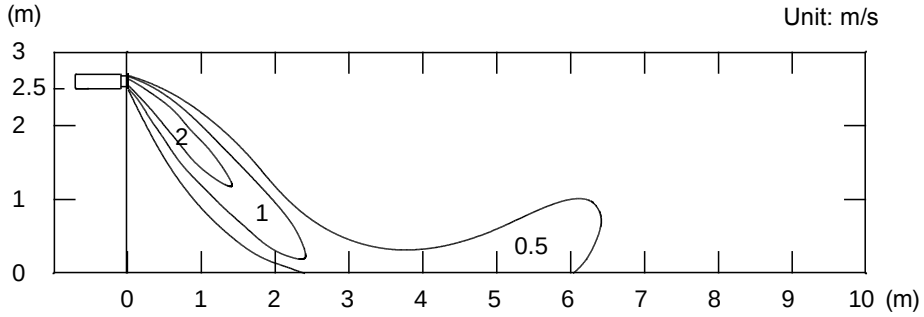
MULTI TYPE
2, 3, 4 ROOMS TYPE

Reference Data
Conditions
Fan speed : High
Operation mode : Heating
Voltage : 230V

Note: This data is measured installing the Auto louver grille kit(option).

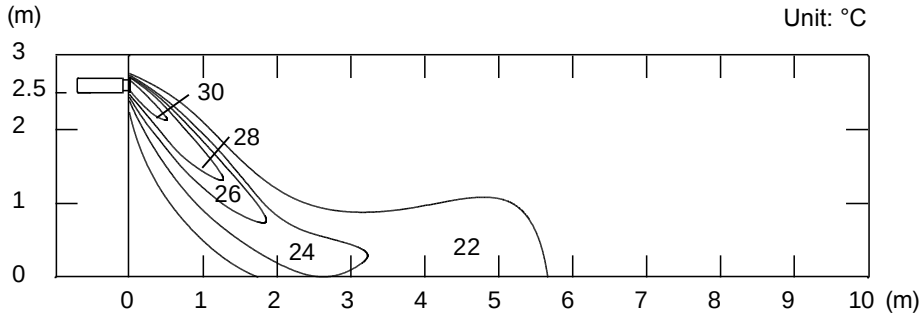
## ● Air velocity distribution

Side view
Vertical flap : Down
Horizontal flap : Center




## ● Air temperature distribution

Side view
Vertical flap : Down
Horizontal flap : Center



MULTI TYPE
2, 3, 4 ROOMS TYPE

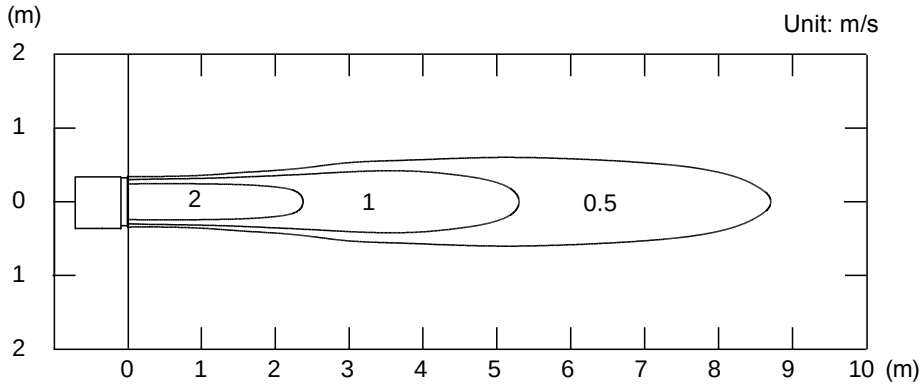
Conditions
Fan speed : High
Operation mode : Fan
Voltage : 230V

# ■MODELS : AR*G12LLTA, AR*G12LLTB (UTD-GXSA-W)

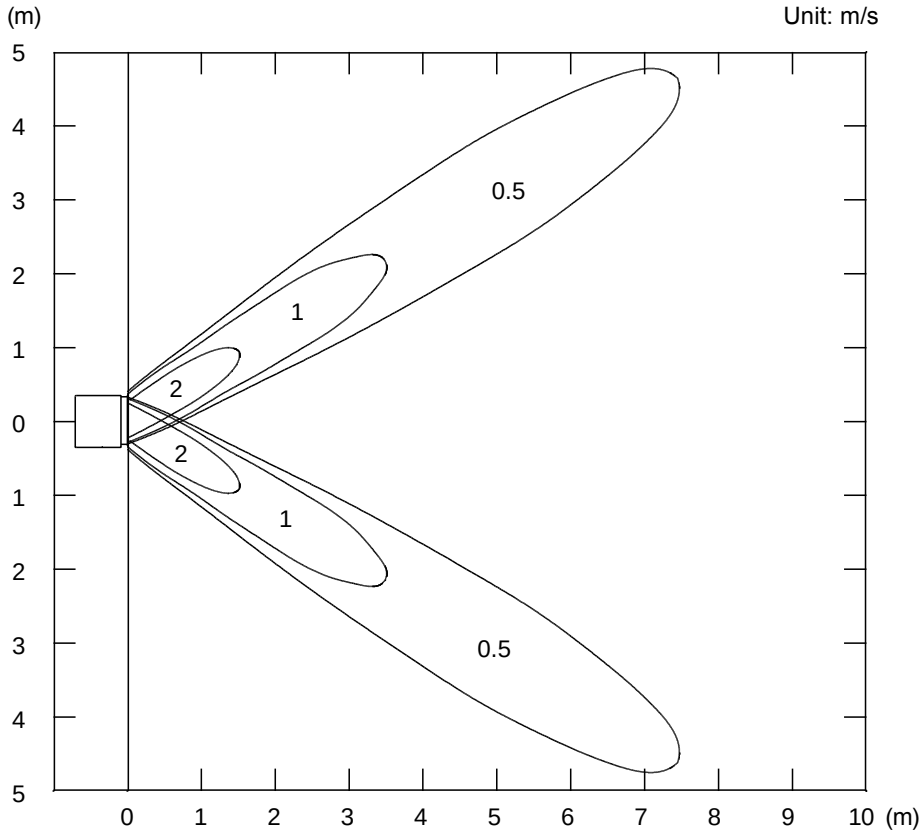
Note: This data is measured installing the Auto louver grille kit(option).

## ● Air velocity distribution

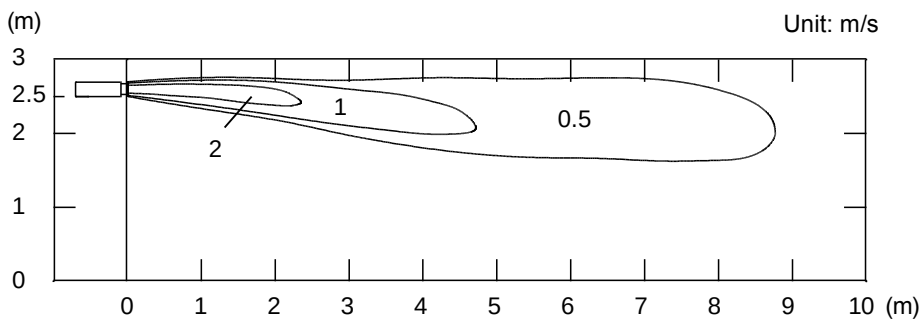
Top view
Vertical flap : Up
Horizontal flap : Center




Top view
Vertical flap : Up
Horizontal flap : Right & Left




Side view
Vertical flap : Up
Horizontal flap : Center



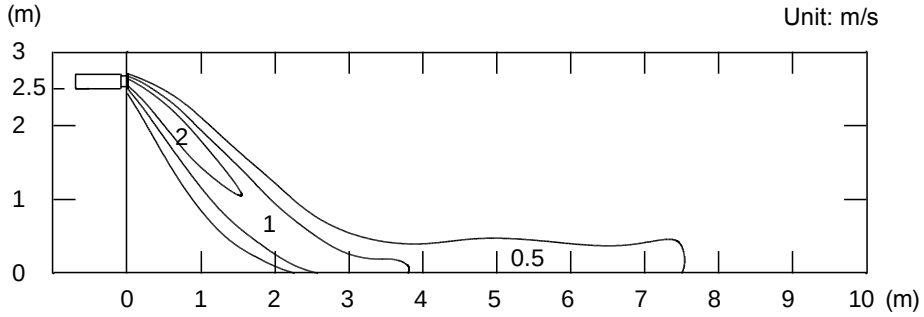
MULTI TYPE
2, 3, 4 ROOMS TYPE

Reference Data
Conditions
Fan speed : High
Operation mode : Heating
Voltage : 230V

Note: This data is measured installing the Auto louver grille kit(option).

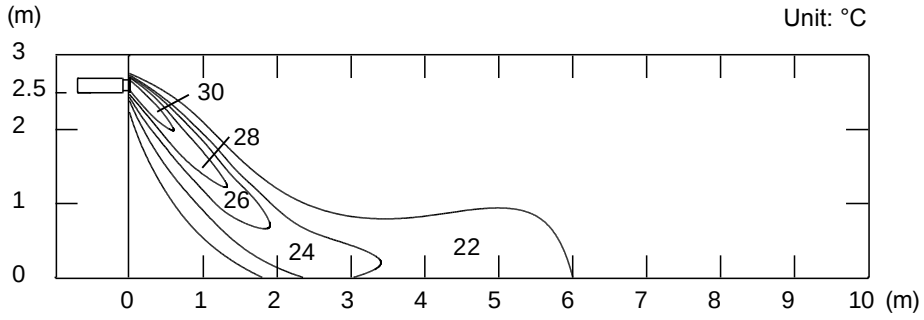
## ● Air velocity distribution

Side view
Vertical flap : Down
Horizontal flap : Center




## ● Air temperature distribution

Side view
Vertical flap : Down
Horizontal flap : Center



MULTI TYPE
2, 3, 4 ROOMS TYPE

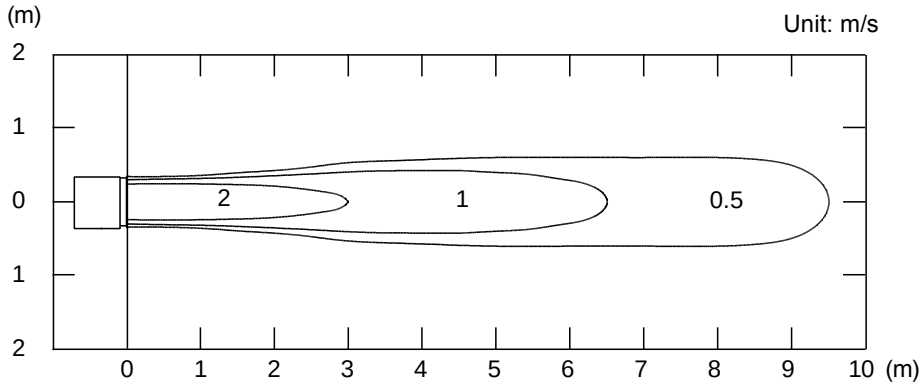
Conditions
Fan speed : High
Operation mode : Fan
Voltage : 230V

# ■MODELS : AR*G14LLTA, AR*G14LLTB (UTD-GXSA-W)

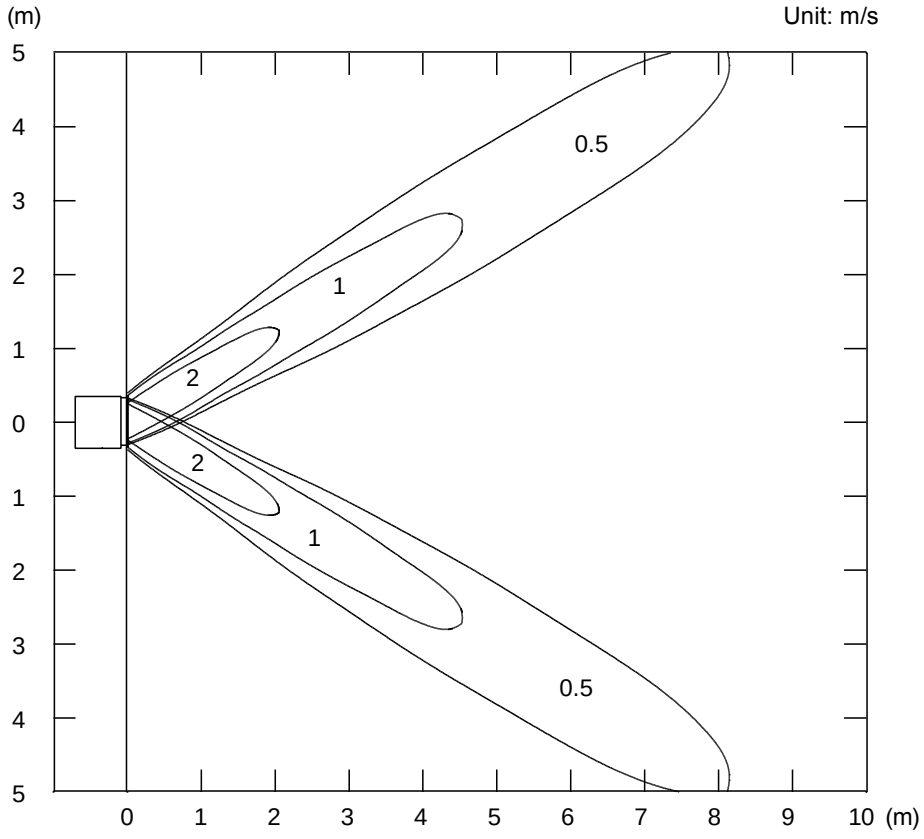
Note: This data is measured installing the Auto louver grille kit(option).

## ●Air velocity distribution

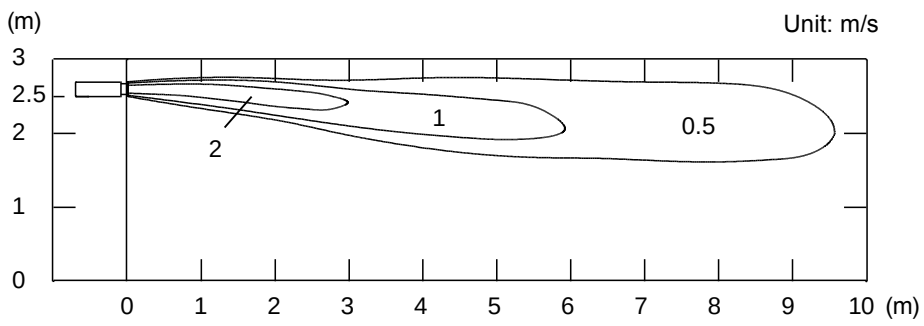
Top view
Vertical flap : Up
Horizontal flap : Center




Top view
Vertical flap : Up
Horizontal flap : Right & Left




Side view
Vertical flap : Up
Horizontal flap : Center



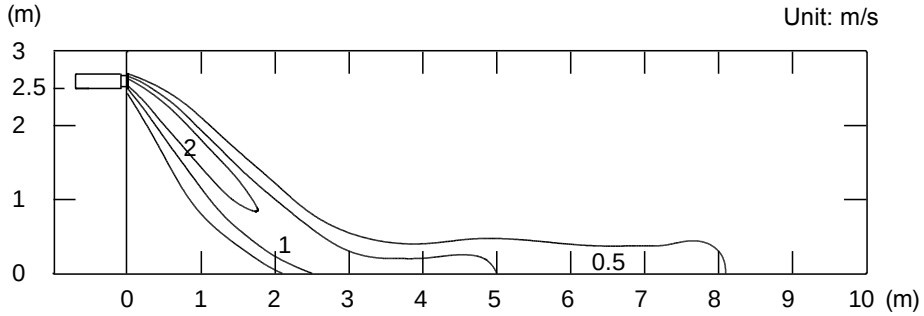
MULTI TYPE
2, 3, 4 ROOMS TYPE

Reference Data
Conditions
Fan speed : High
Operation mode : Heating
Voltage : 230V

Note: This data is measured installing the Auto louver grille kit(option).

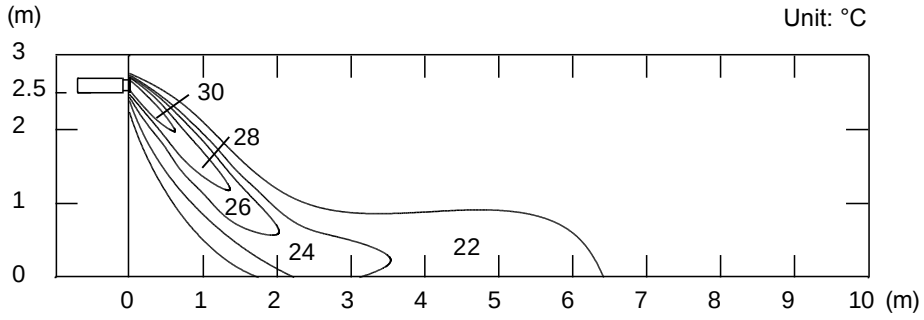
## ● Air velocity distribution

Side view
Vertical flap : Down
Horizontal flap : Center




## ● Air temperature distribution

Side view
Vertical flap : Down
Horizontal flap : Center



MULTI TYPE
2, 3, 4 ROOMS TYPE

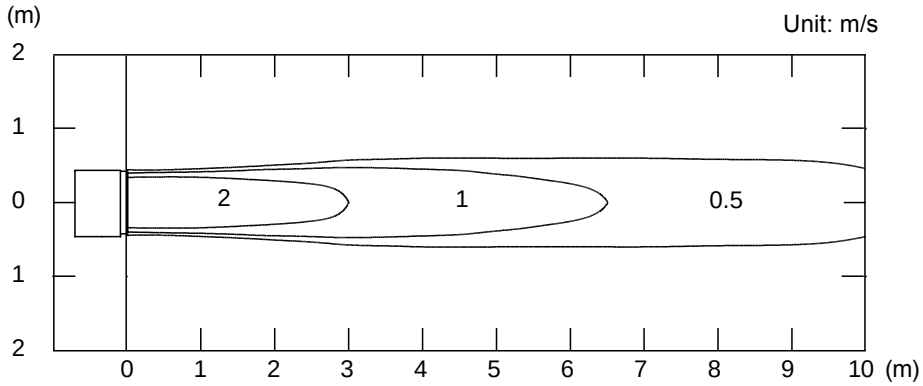
Conditions
Fan speed : High
Operation mode : Fan
Voltage : 230V

# ■ MODELS : AR∗G18LLTA, AR∗G18LLTB (UTD-GXSB-W)

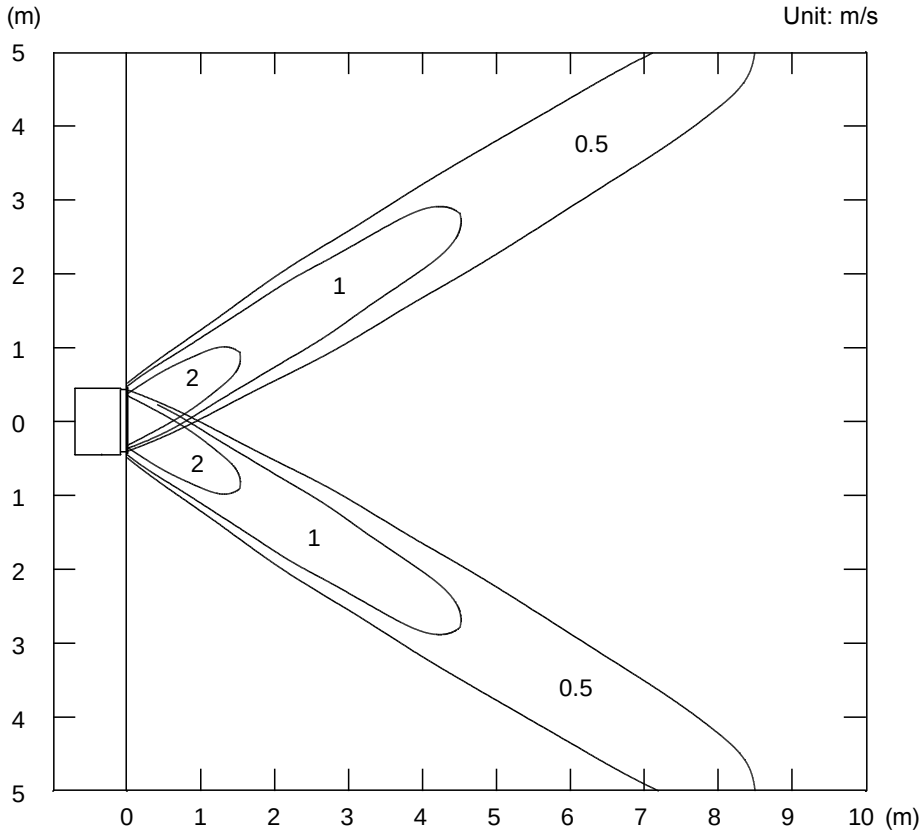
Note: This data is measured installing the Auto louver grille kit(option).

## ● Air velocity distribution

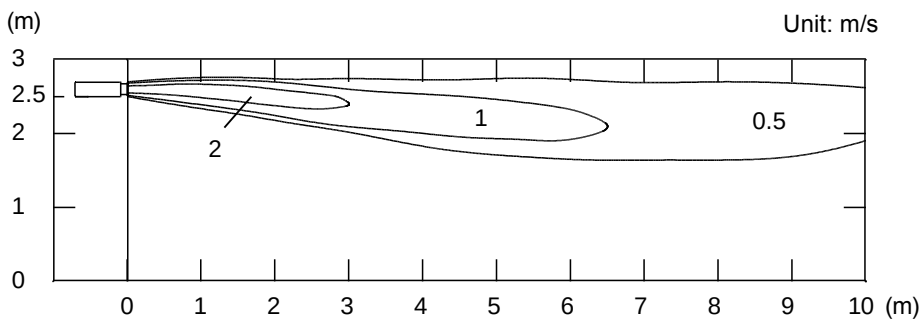
Top view
Vertical flap : Up
Horizontal flap : Center




Top view
Vertical flap : Up
Horizontal flap : Right & Left




Side view
Vertical flap : Up
Horizontal flap : Center



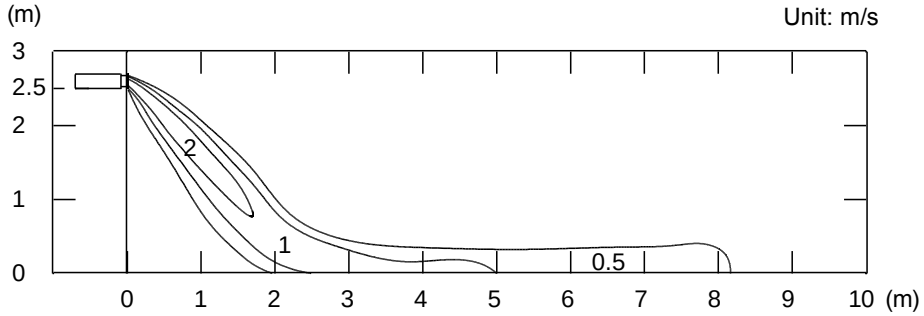
MULTI TYPE
2, 3, 4 ROOMS TYPE

Reference Data
Conditions
Fan speed : High
Operation mode : Heating
Voltage : 230V

Note: This data is measured installing the Auto louver grille kit(option).

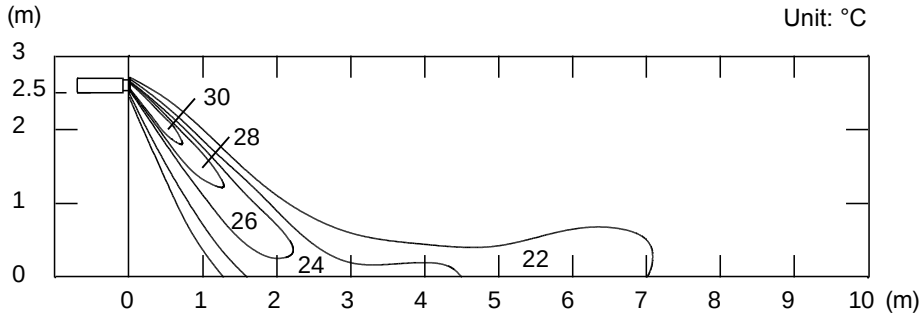
## ● Air velocity distribution

Side view
Vertical flap : Down
Horizontal flap : Center




## ● Air temperature distribution

Side view
Vertical flap : Down
Horizontal flap : Center



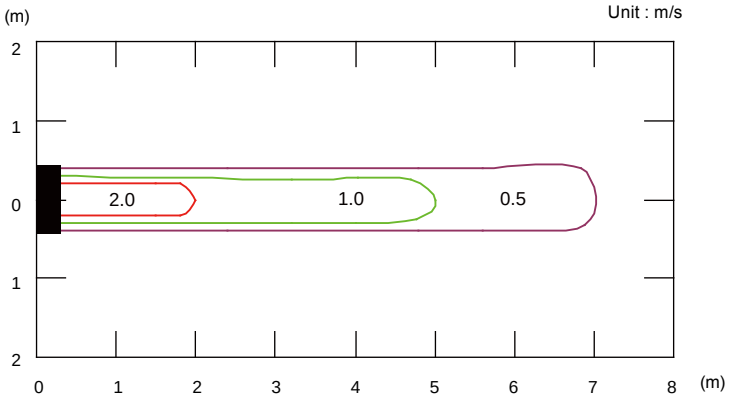
MULTI TYPE
2, 3, 4 ROOMS TYPE

# 6-3. WALL MOUNTED TYPE

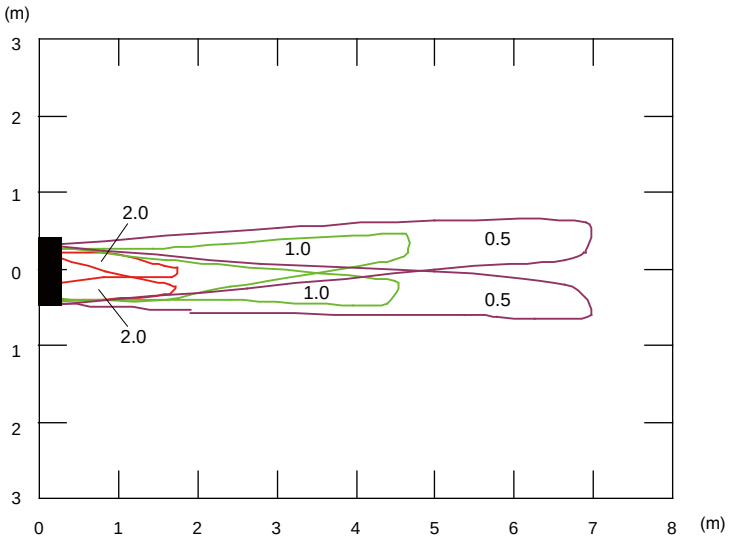
## ■ MODEL : AS∗G07LJCA

Conditions
Fan speed : High
Operation mode : Fan

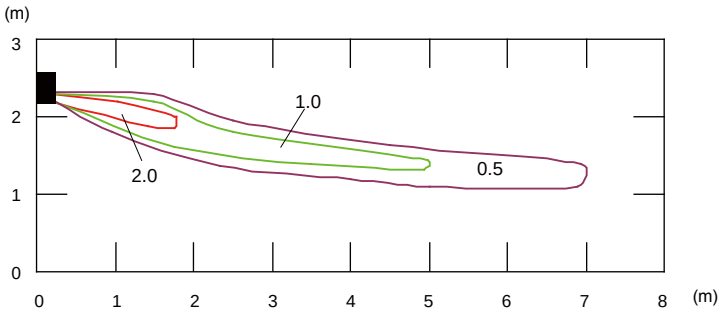
Top view
Vertical flap : Up
Horizontal flap : Center



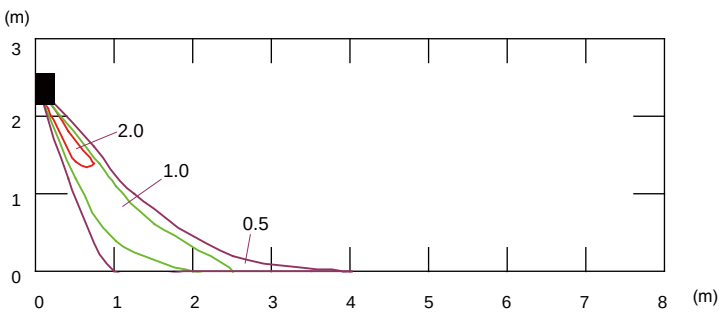

Top view
Vertical flap : Up
Horizontal flap : Right & Left




Side view
Vertical flap : Up
Horizontal flap : Center




Side view
Vertical flap : Down
Horizontal flap : Center

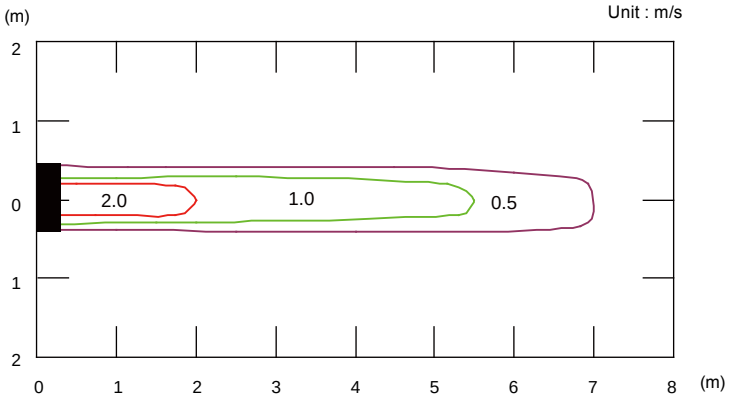


MULTI TYPE
2, 3, 4 ROOMS TYPE

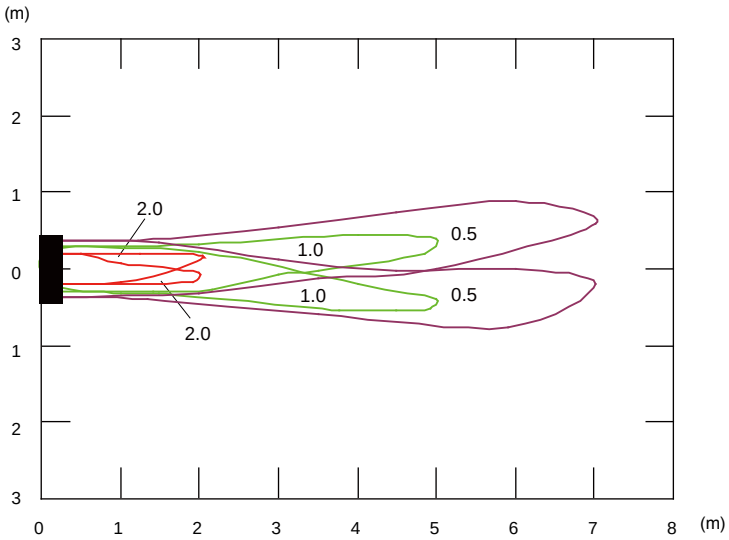
# ■MODEL : AS∗G09LJCA

Conditions
Fan speed : High
Operation mode : Fan

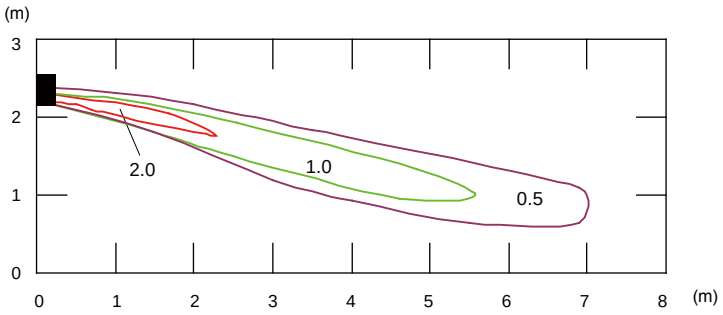
Top view
Vertical flap : Up
Horizontal flap : Center



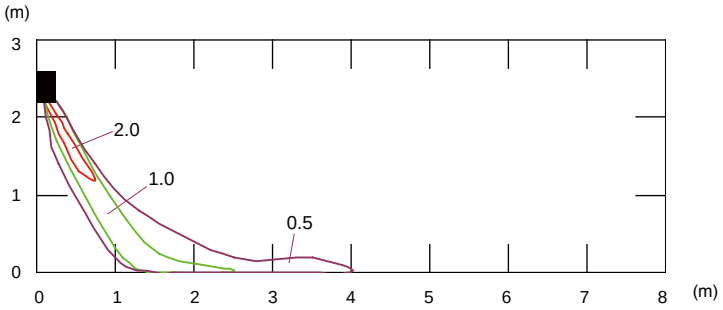

Top view
Vertical flap : Up
Horizontal flap : Right & Left




Side view
Vertical flap : Up
Horizontal flap : Center




Side view
Vertical flap : Down
Horizontal flap : Center

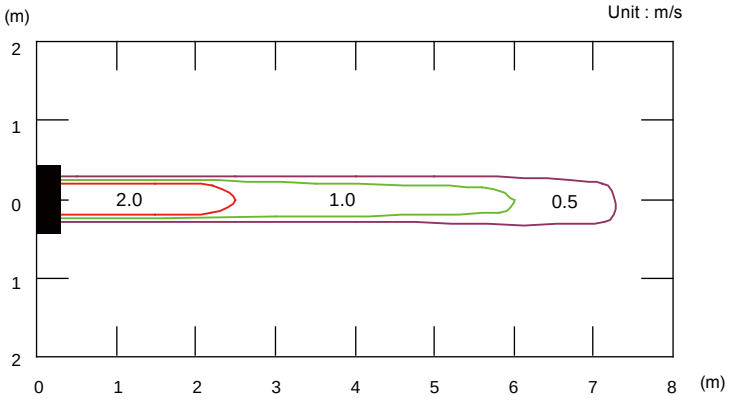


MULTI TYPE
2, 3, 4 ROOMS TYPE

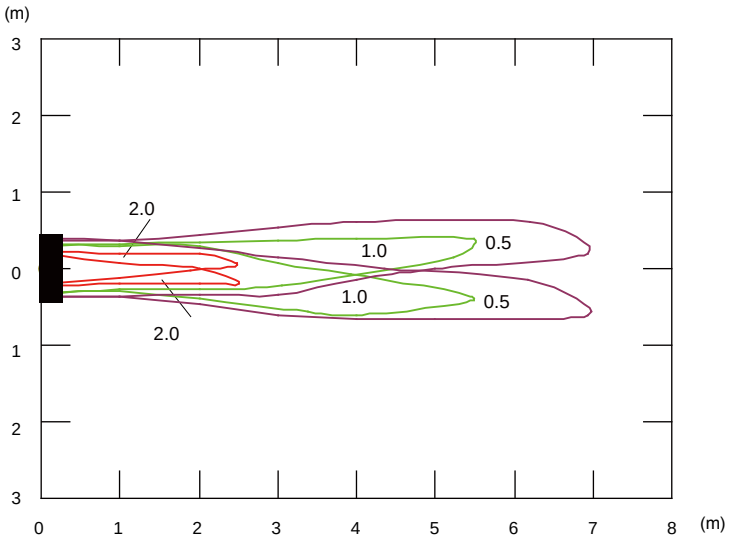
# ■MODEL : AS∗G12LJCA

Conditions
Fan speed : High
Operation mode : Fan

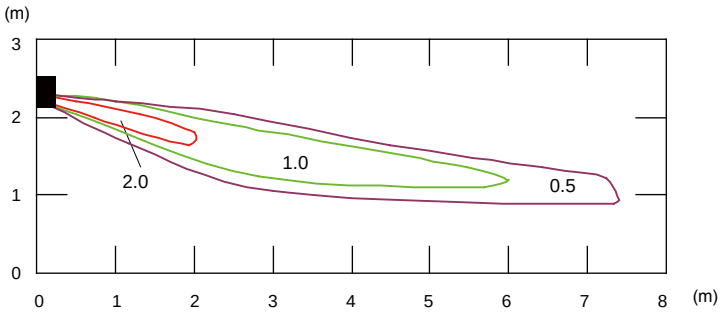
Top view
Vertical flap : Up
Horizontal flap : Center



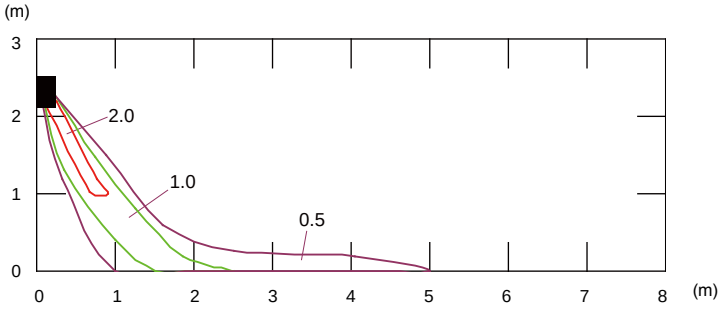

Top view
Vertical flap : Up
Horizontal flap : Right & Left




Side view
Vertical flap : Up
Horizontal flap : Center




Side view
Vertical flap : Down
Horizontal flap : Center

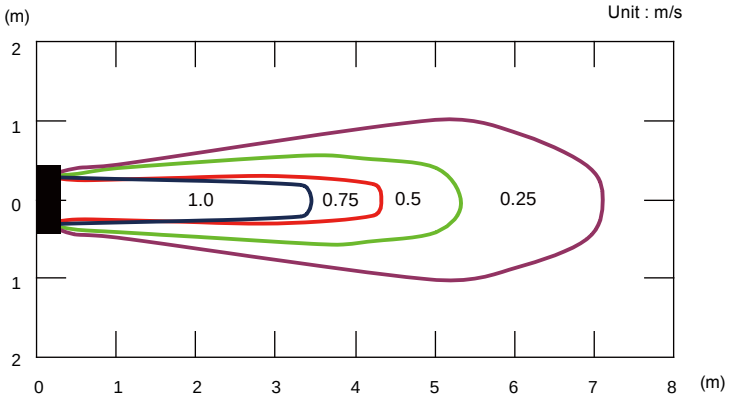


MULTI TYPE
2, 3, 4 ROOMS TYPE

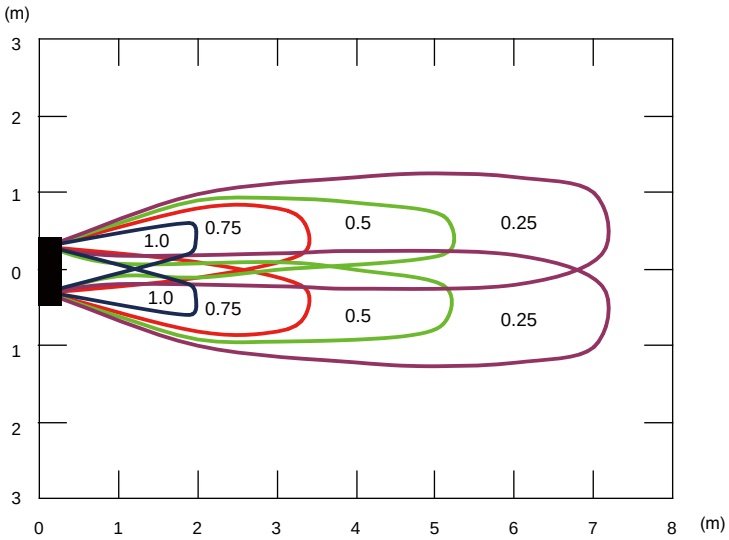
# ■MODELS : AS*G07LUCA, AS*G09LUCA

Conditions
Fan speed : High
Operation mode : Fan

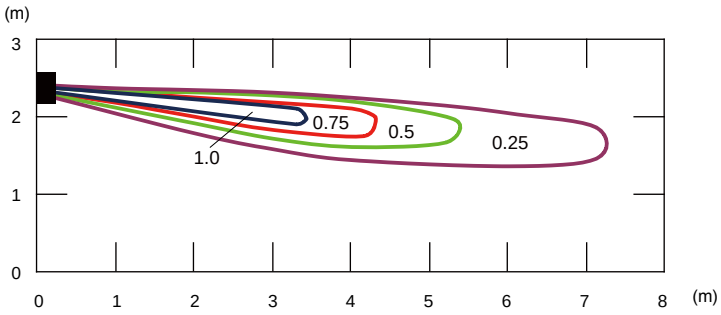
Top view
Vertical flap : Up
Horizontal flap : Center



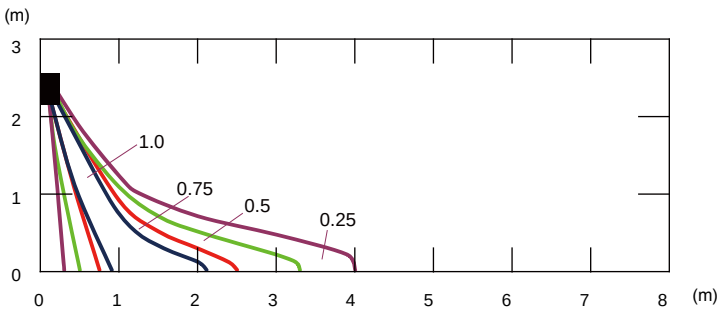

Top view
Vertical flap : Up
Horizontal flap : Right & Left




Side view
Vertical flap : Up
Horizontal flap : Center




Side view
Vertical flap : Down
Horizontal flap : Center

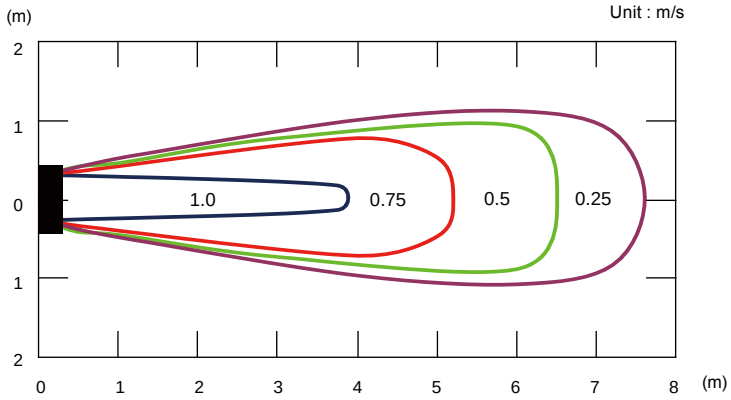


MULTI TYPE
2, 3, 4 ROOMS TYPE

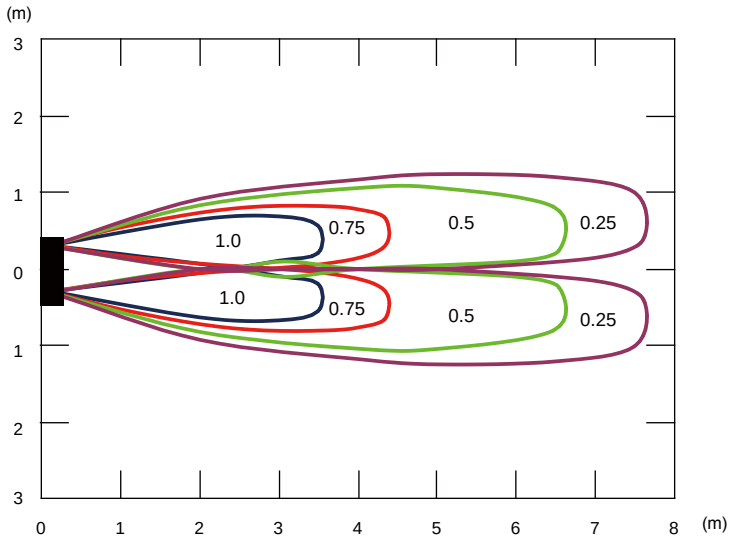
# ■MODELS : AS*G12LUCA, AS*G14LUCA

Conditions
Fan speed : High
Operation mode : Fan

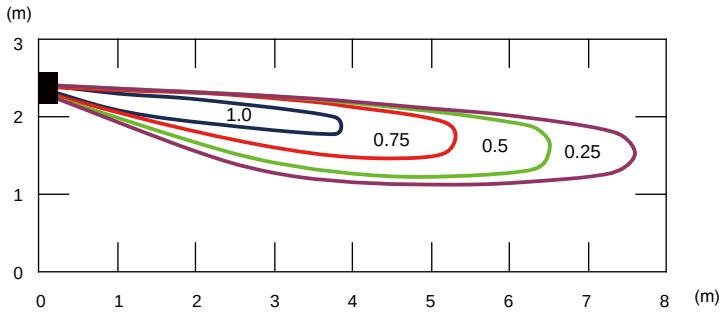
Top view
Vertical flap : Up
Horizontal flap : Center



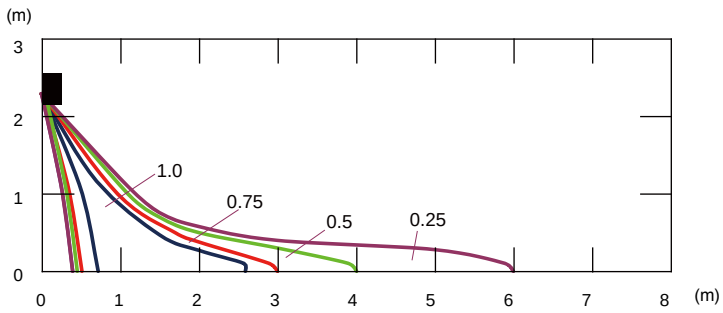

Top view
Vertical flap : Up
Horizontal flap : Right & Left




Side view
Vertical flap : Up
Horizontal flap : Center




Side view
Vertical flap : Down
Horizontal flap : Center

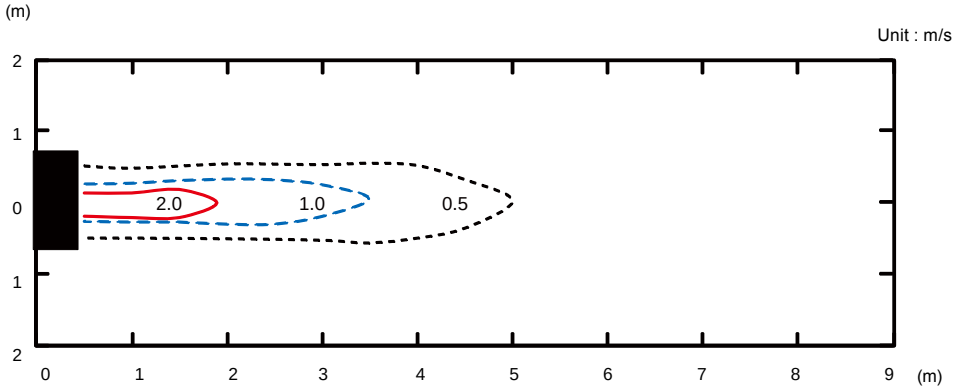


MULTI TYPE
2, 3, 4 ROOMS TYPE

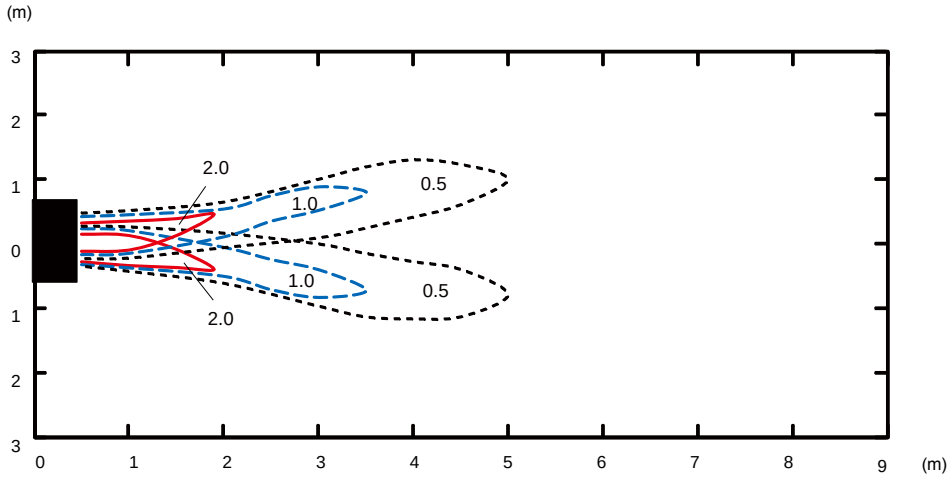
# ■MODEL : AS∗G07LMCA

Conditions
Fan speed : High
Operation mode : Fan

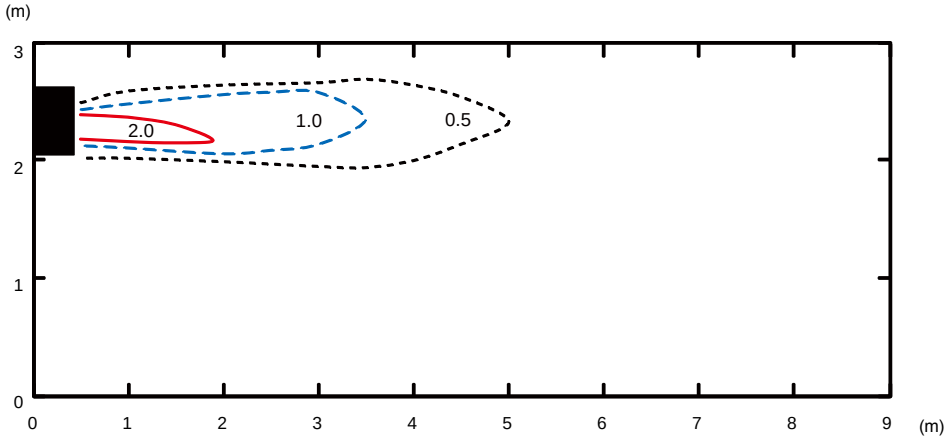
Top view
Vertical flap : Up
Horizontal flap : Center



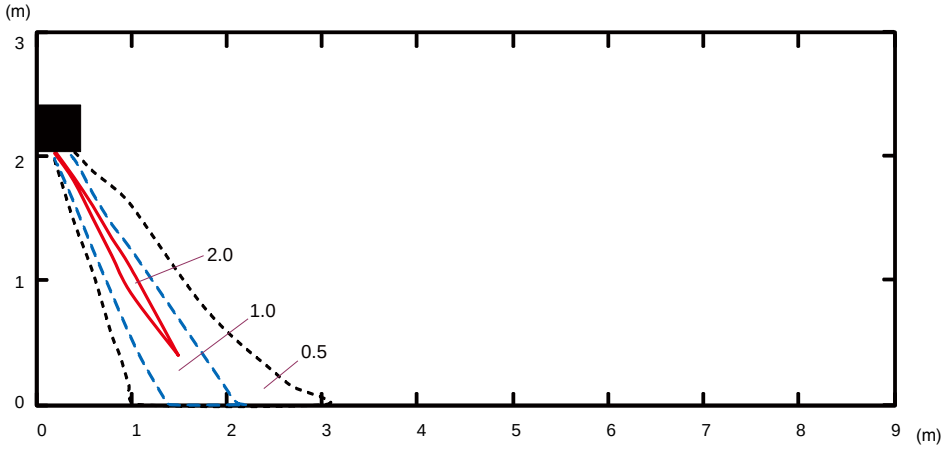

Top view
Vertical flap : Up
Horizontal flap : Right & Left




Side view
Vertical flap : Up
Horizontal flap : Center




Side view
Vertical flap : Down
Horizontal flap : Center

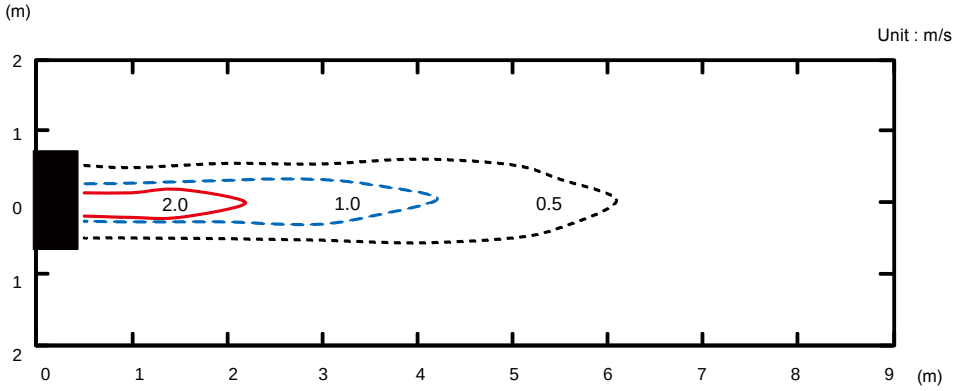


MULTI TYPE
2, 3, 4 ROOMS TYPE

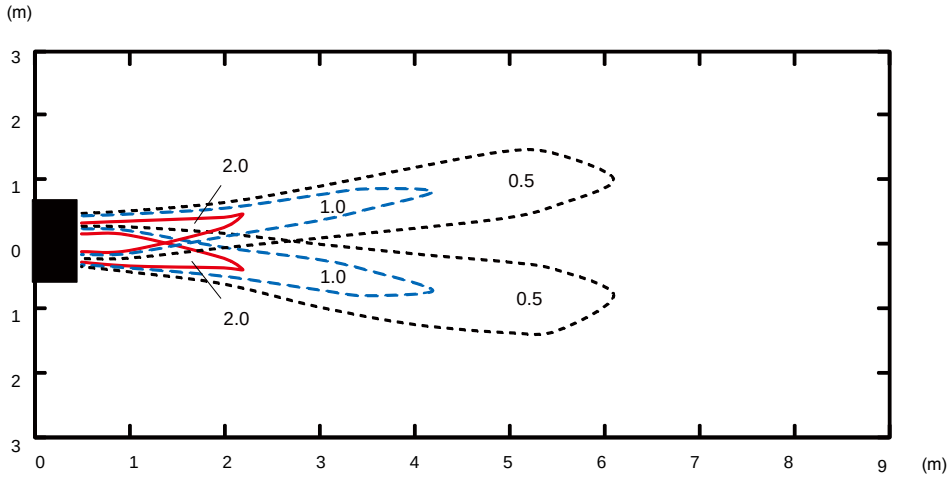
# ■MODEL : AS∗G09LMCA

Conditions
Fan speed : High
Operation mode : Fan

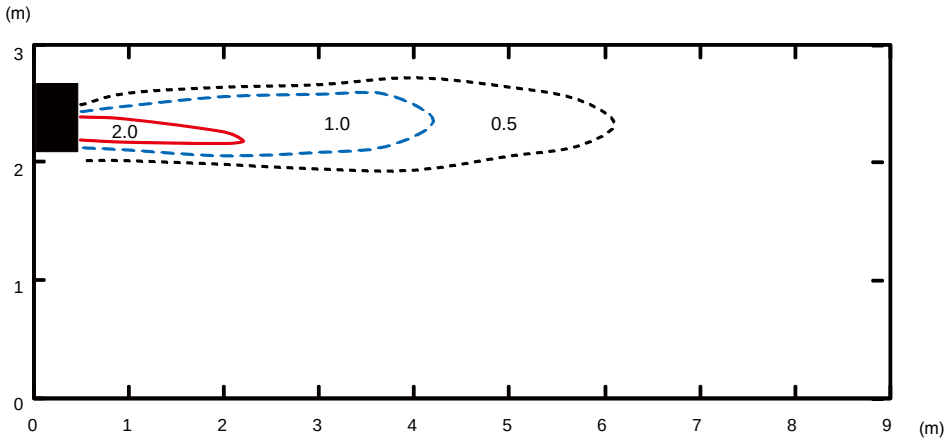
Top view
Vertical flap : Up
Horizontal flap : Center



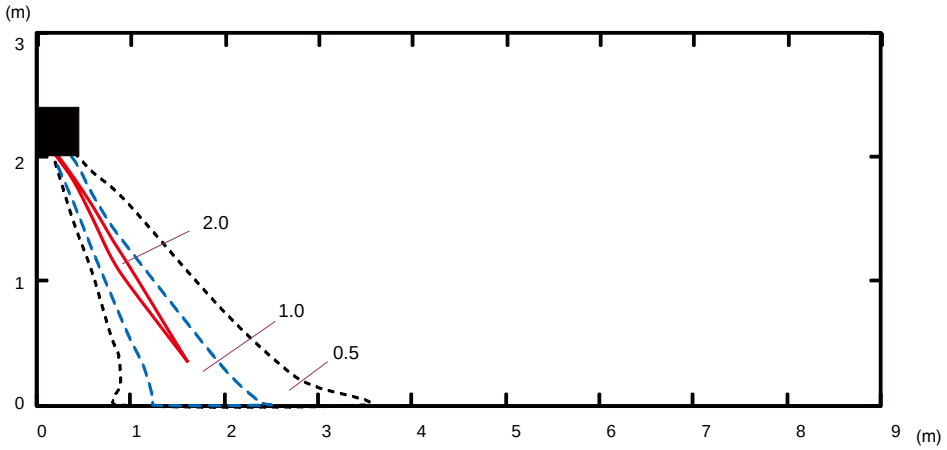

Top view
Vertical flap : Up
Horizontal flap : Right & Left




Side view
Vertical flap : Up
Horizontal flap : Center




Side view
Vertical flap : Down
Horizontal flap : Center

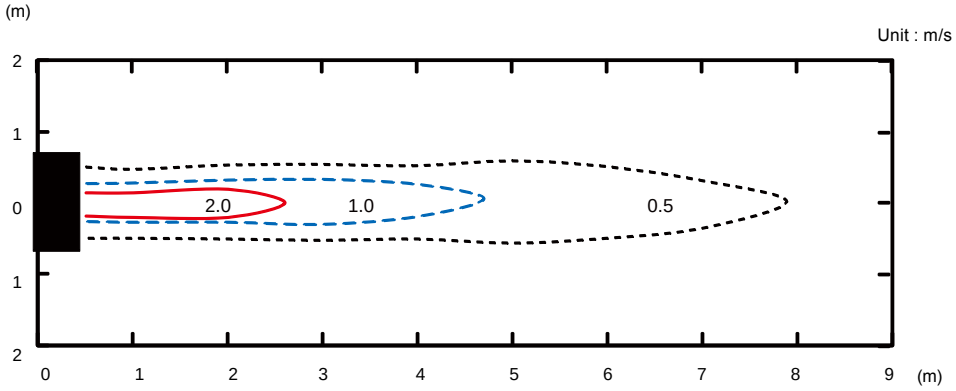


MULTI TYPE
2, 3, 4 ROOMS TYPE

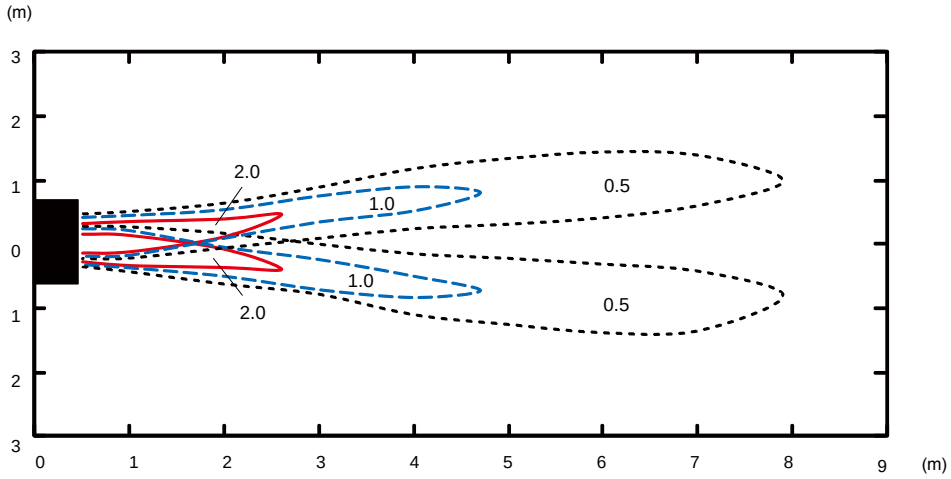
# ■MODEL : AS∗G12LMCA

Conditions
Fan speed : High
Operation mode : Fan

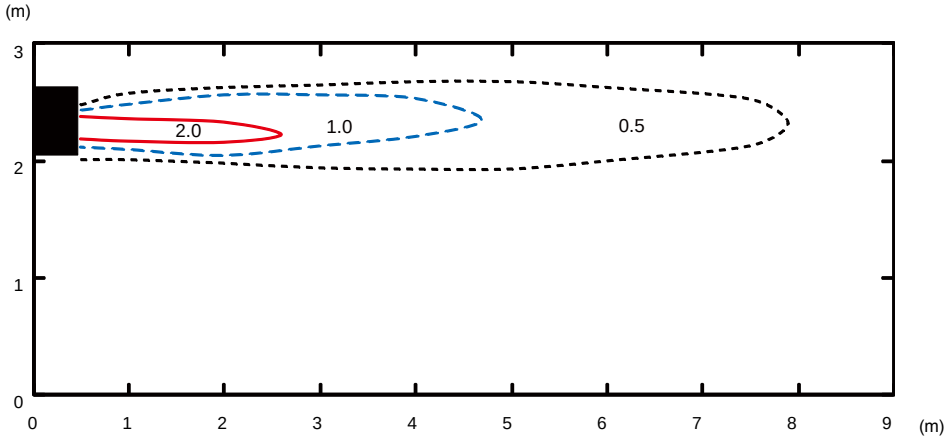
Top view
Vertical flap : Up
Horizontal flap : Center



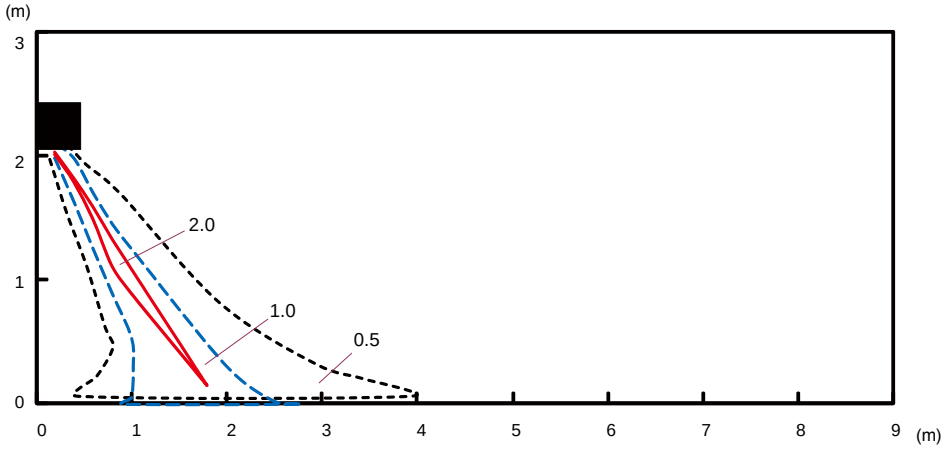

Top view
Vertical flap : Up
Horizontal flap : Right & Left




Side view
Vertical flap : Up
Horizontal flap : Center




Side view
Vertical flap : Down
Horizontal flap : Center

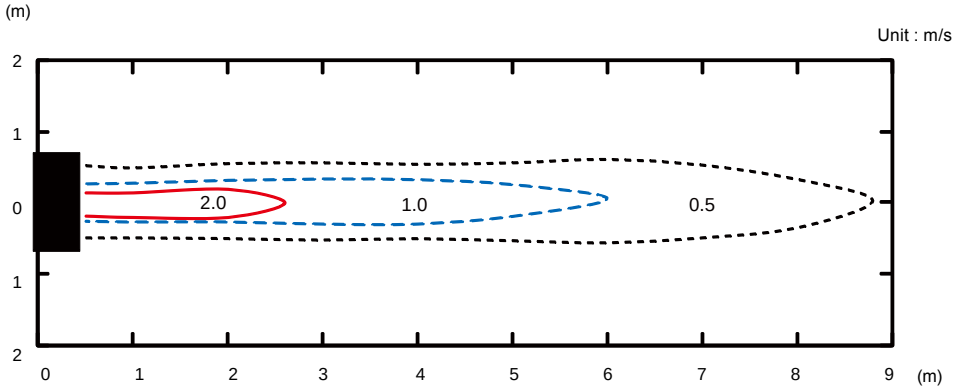


MULTI TYPE
2, 3, 4 ROOMS TYPE

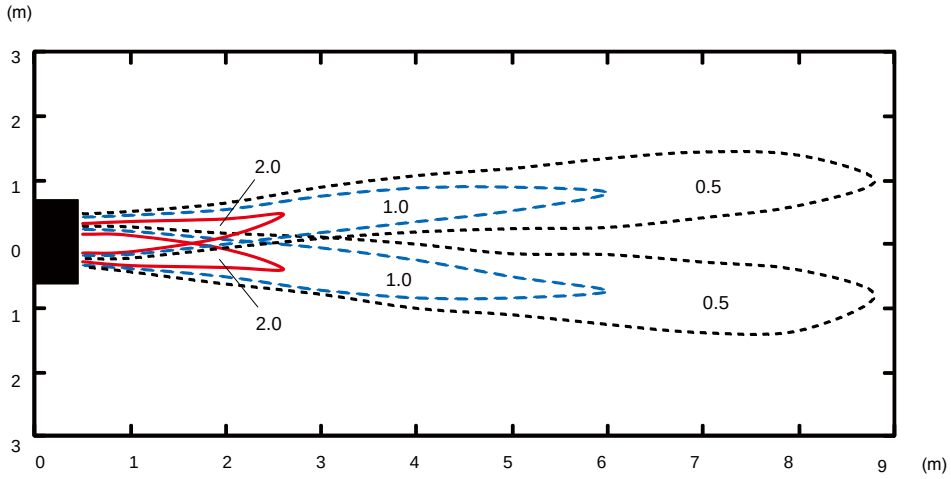
# ■MODEL : AS∗G14LMCA

Conditions
Fan speed : High
Operation mode : Fan

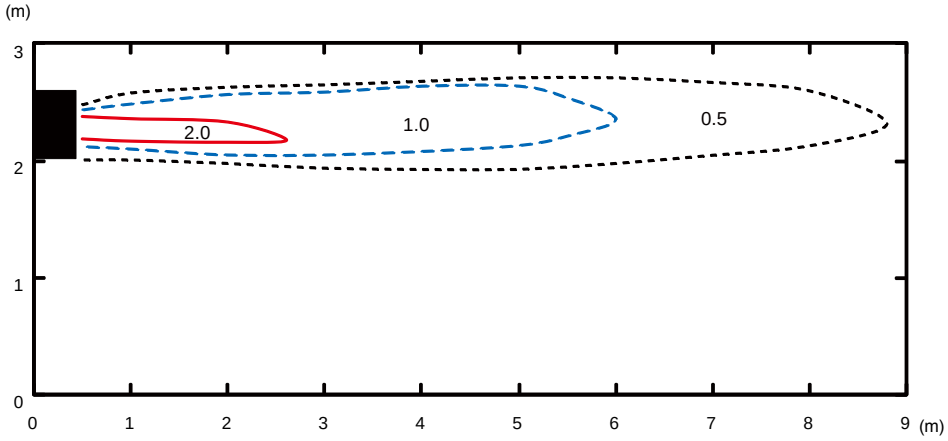
Top view
Vertical flap : Up
Horizontal flap : Center



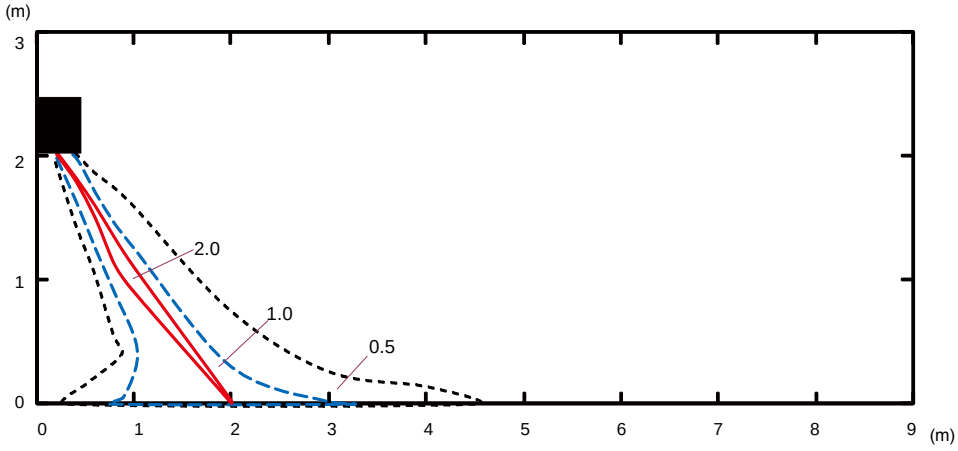

Top view
Vertical flap : Up
Horizontal flap : Right & Left




Side view
Vertical flap : Up
Horizontal flap : Center




Side view
Vertical flap : Down
Horizontal flap : Center

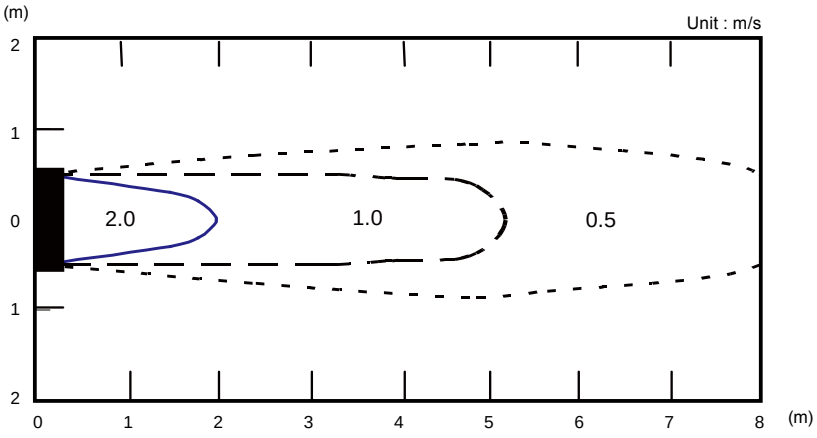


MULTI TYPE
2, 3, 4 ROOMS TYPE

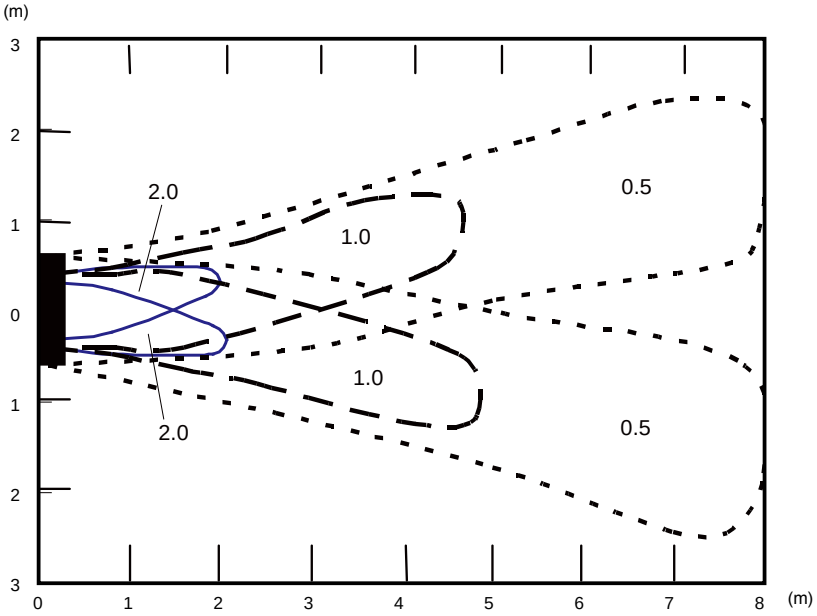
# ■MODEL : AS∗G18LFCA

Conditions
Fan speed : High
Operation mode : Fan

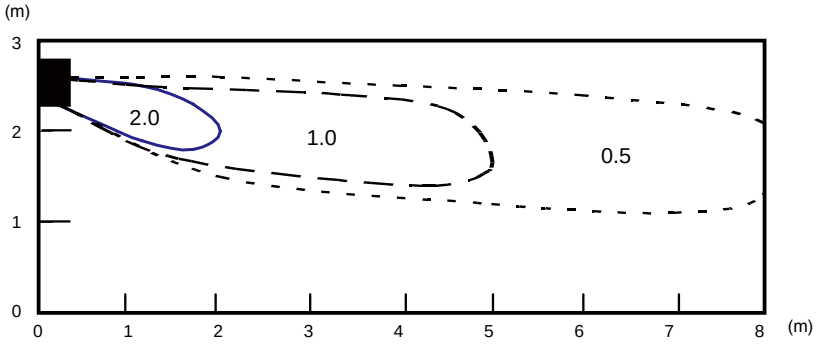
Top view
Vertical flap : Up
Horizontal flap : Center



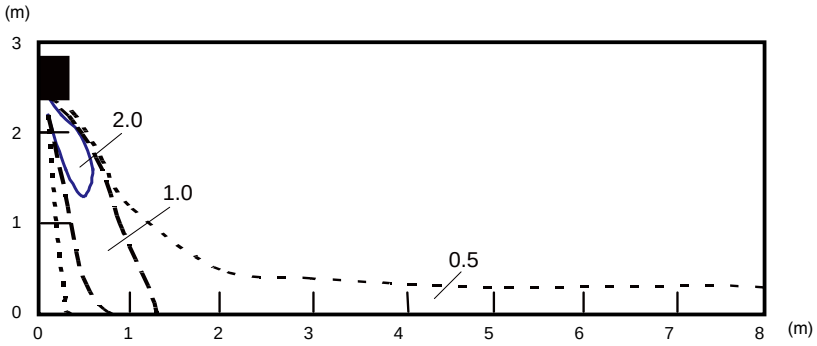

Top view
Vertical flap : Up
Horizontal flap : Right & Left




Side view
Vertical flap : Up
Horizontal flap : Center




Side view
Vertical flap : Down
Horizontal flap : Center

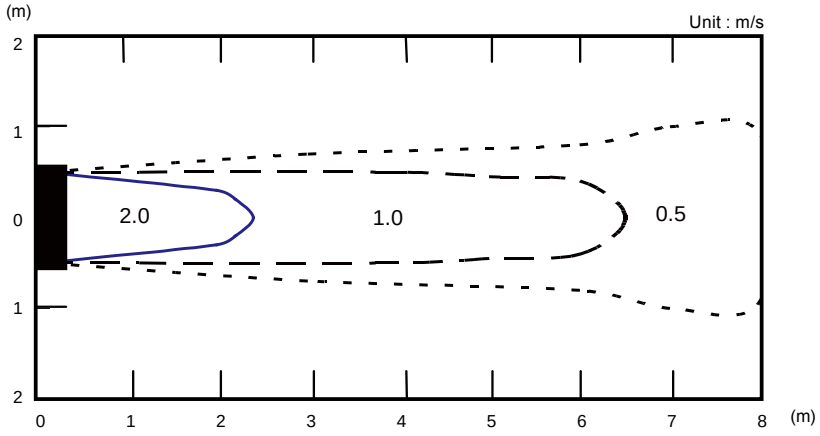


MULTI TYPE
2, 3, 4 ROOMS TYPE

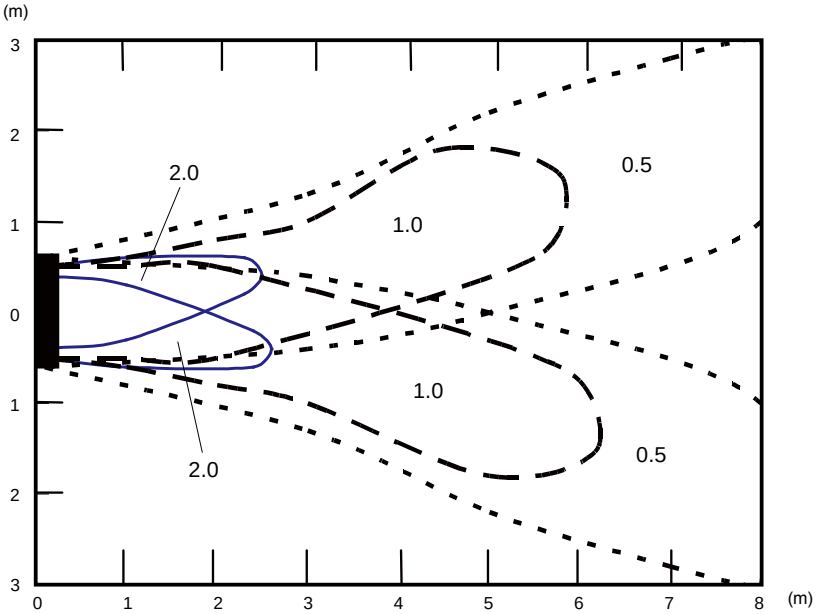
# ■ MODELS : AS∗G24LFCA, AS∗G24LFCC

Conditions
Fan speed : High
Operation mode : Fan

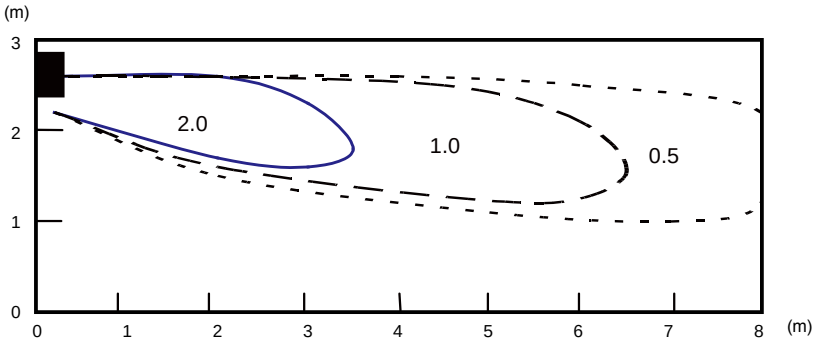
Top view
Vertical flap : Up
Horizontal flap : Center



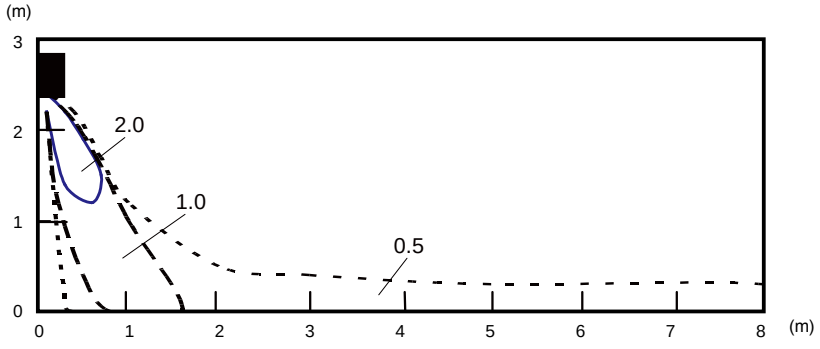

Top view
Vertical flap : Up
Horizontal flap : Right & Left




Side view
Vertical flap : Up
Horizontal flap : Center




Side view
Vertical flap : Down
Horizontal flap : Center



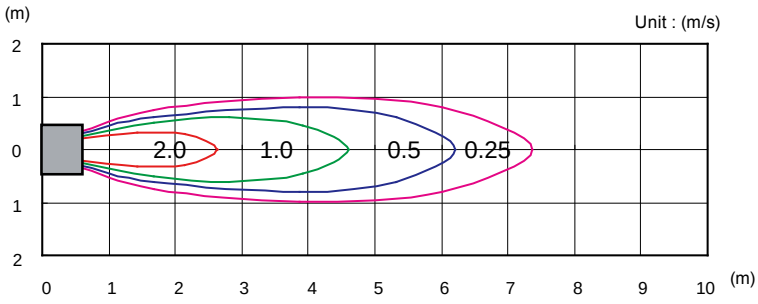
MULTI TYPE
2, 3, 4 ROOMS TYPE

# 6-4. FLOOR / CEILING TYPE

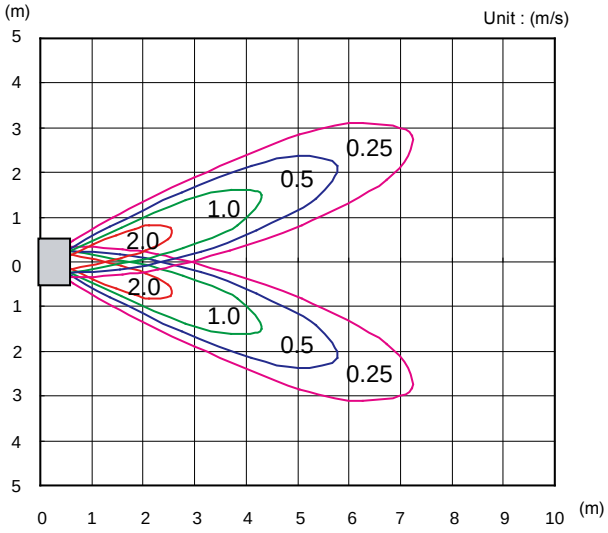
## ■ MODEL : AB*G14LVTA (UNDER CEILING)

Conditions
Fan speed : High
Operation mode : Fan

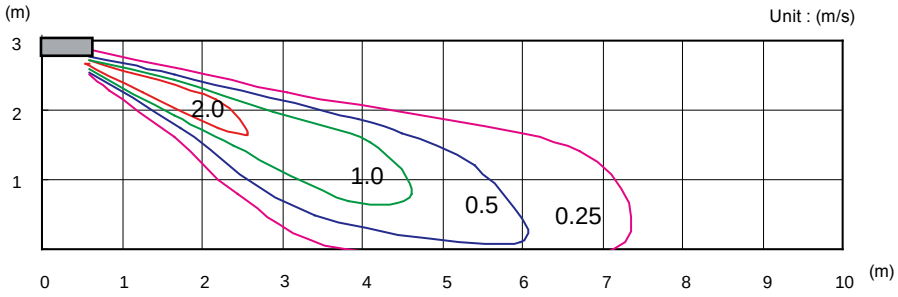
Top view
Vertical flap : Up
Horizontal flap : Center



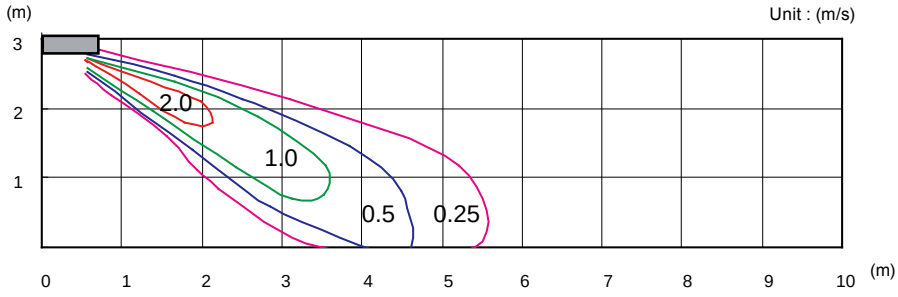

Top view
Vertical flap : Up
Horizontal flap : Right & Left



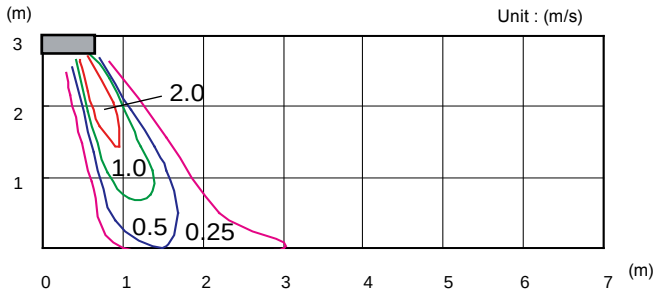

Side view
Vertical flap : Up
Horizontal flap : Center




Side view
Vertical flap : Center
Horizontal flap : Center




Side view
Vertical flap : Down
Horizontal flap : Center

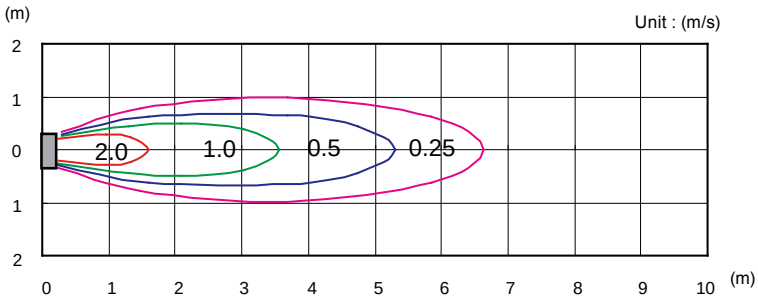


MULTI TYPE
2, 3, 4 ROOMS TYPE

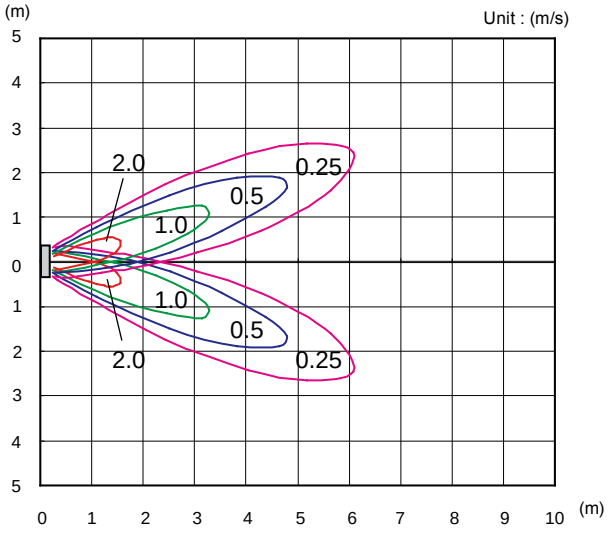
# ■MODEL : AB∗G14LVTA (FLOOR CONSOLE)

Conditions
Fan speed : High
Operation mode : Fan

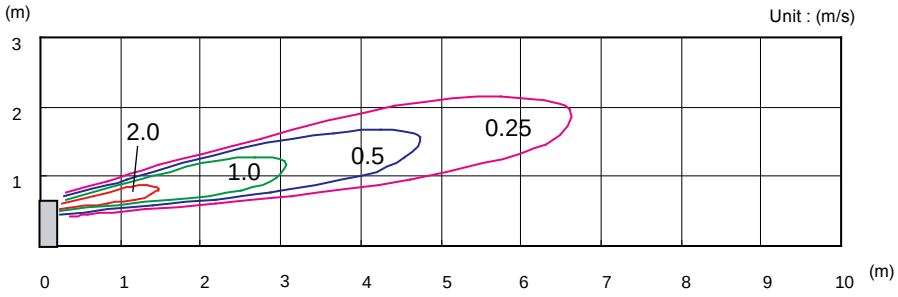
Top view
Vertical flap : Up
Horizontal flap : Center



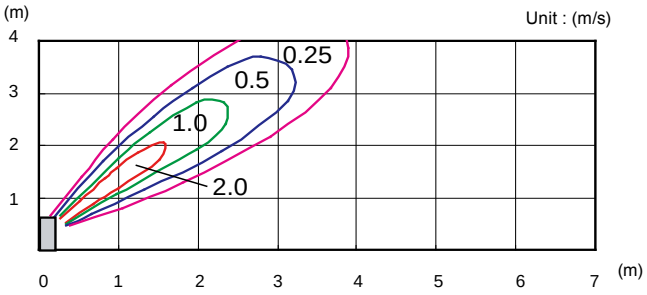

Top view
Vertical flap : Up
Horizontal flap : Right & Left



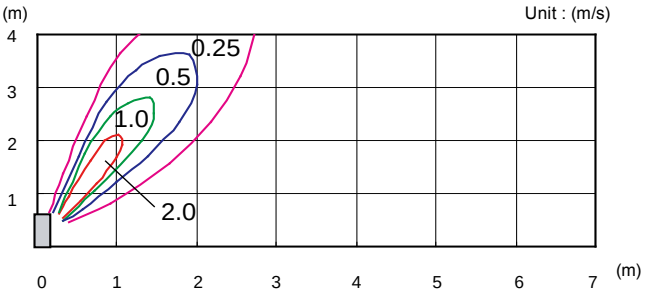

Side view
Vertical flap : Down
Horizontal flap : Center




Side view
Vertical flap : Center
Horizontal flap : Center




Side view
Vertical flap : Up
Horizontal flap : Center

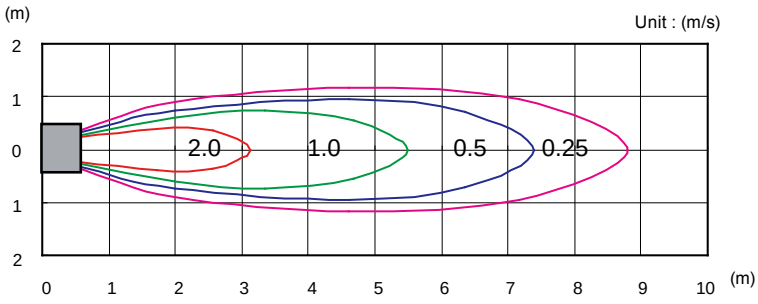


MULTI TYPE
2, 3, 4 ROOMS TYPE

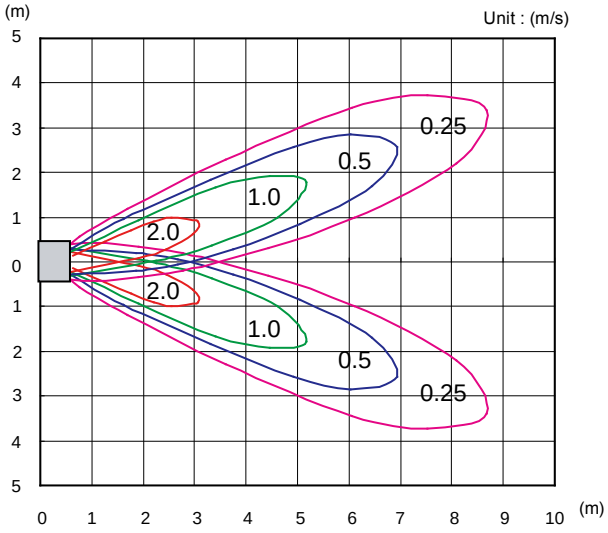
# ■MODELS : AB*G18LVTA, AB*G18LVTB (UNDER CEILING)

Conditions
Fan speed : High
Operation mode : Fan

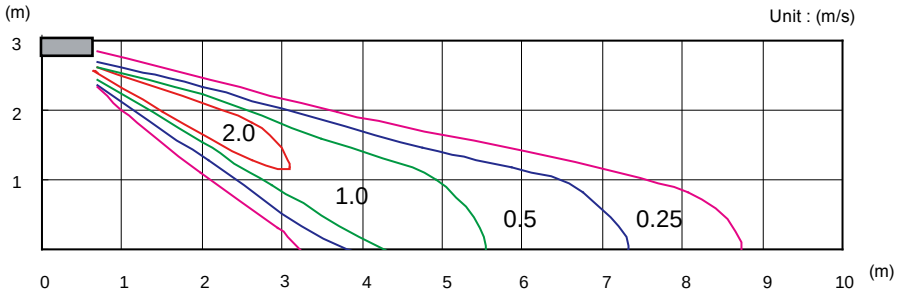
Top view
Vertical flap : Up
Horizontal flap : Center



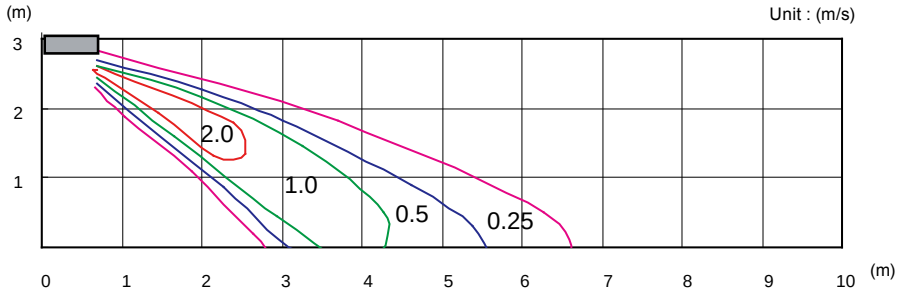

Top view
Vertical flap : Up
Horizontal flap : Right & Left



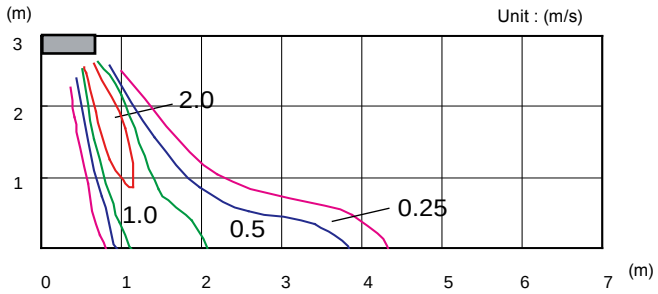

Side view
Vertical flap : Up
Horizontal flap : Center




Side view
Vertical flap : Center
Horizontal flap : Center




Side view
Vertical flap : Down
Horizontal flap : Center

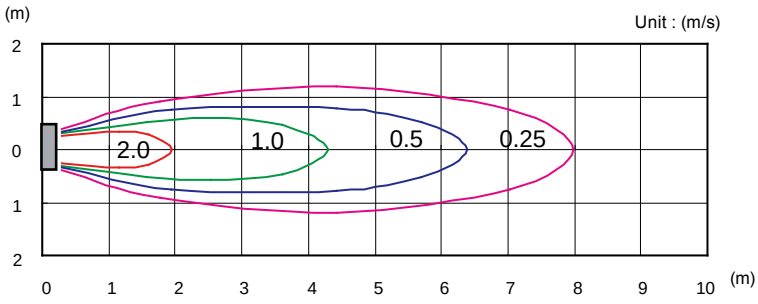


MULTI TYPE
2, 3, 4 ROOMS TYPE

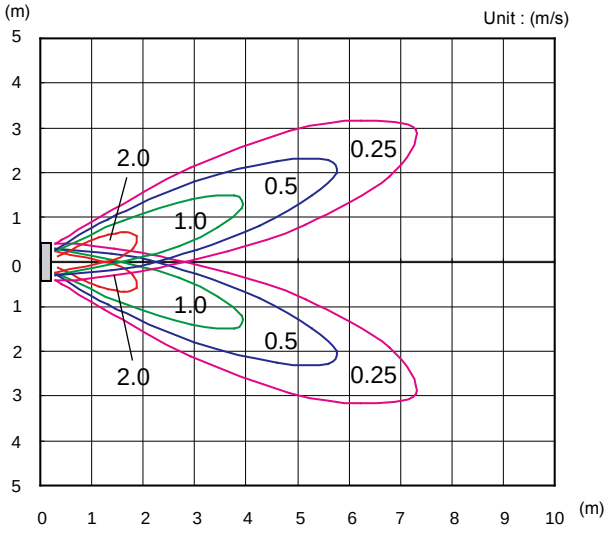
# ■MODELS : AB∗G18LVTA, AB∗G18LVTB (FLOOR CONSOLE)

Conditions
Fan speed : High
Operation mode : Fan

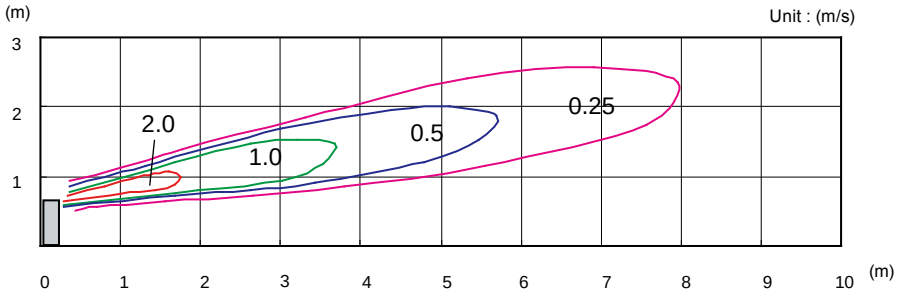
Top view
Vertical flap : Up
Horizontal flap : Center



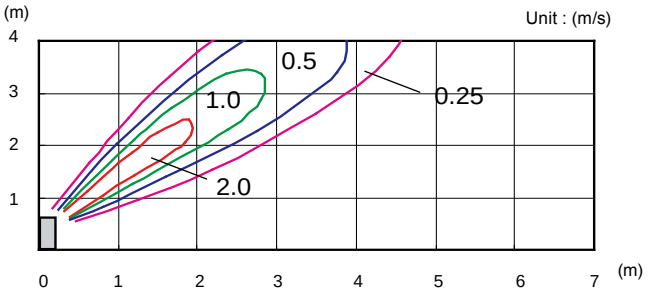

Top view
Vertical flap : Up
Horizontal flap : Right & Left



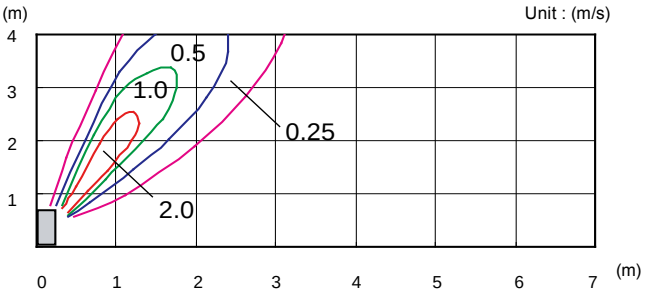

Side view
Vertical flap : Down
Horizontal flap : Center




Side view
Vertical flap : Center
Horizontal flap : Center




Side view
Vertical flap : Up
Horizontal flap : Center



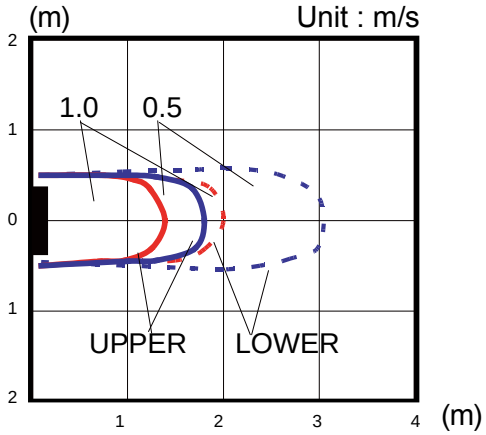
MULTI TYPE
2, 3, 4 ROOMS TYPE

# 6-5. FLOOR TYPE

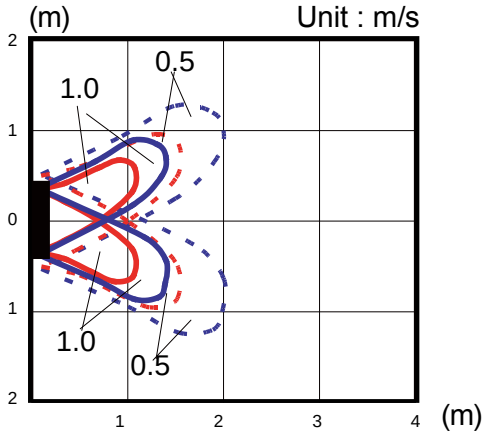
## ■ MODELS : AG∗G09LVCA, AG∗G12LVCA, AG∗G14LVCA

Conditions
Fan speed : High
Operation mode : Fan
Fan select : UPPER & LOWER

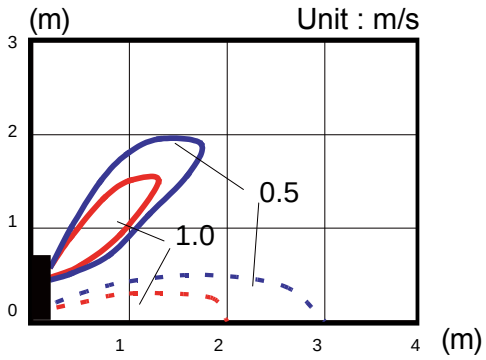
Top view
Vertical flap : Down
Horizontal flap : Center



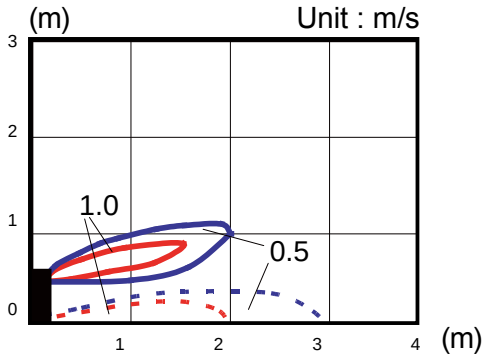

Top view
Vertical flap : Down
Horizontal flap : Right & Left




Side view
Vertical flap : Up
Horizontal flap : Center




Side view
Vertical flap : Down
Horizontal flap : Center

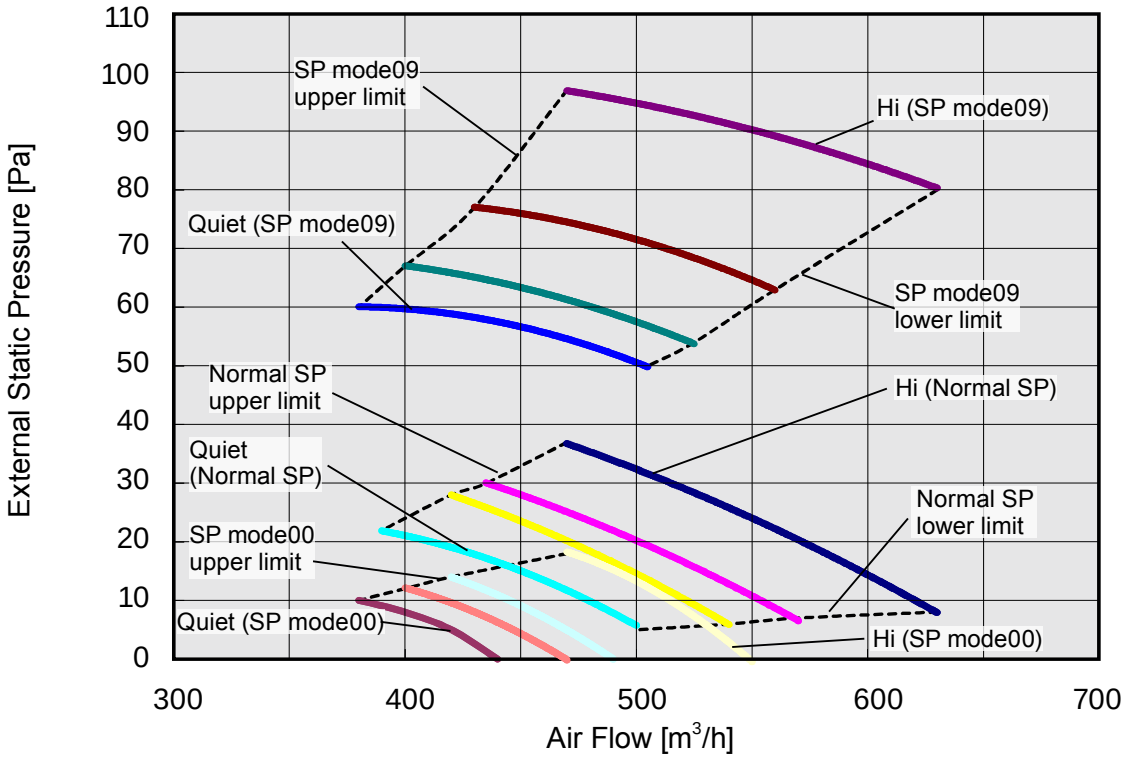


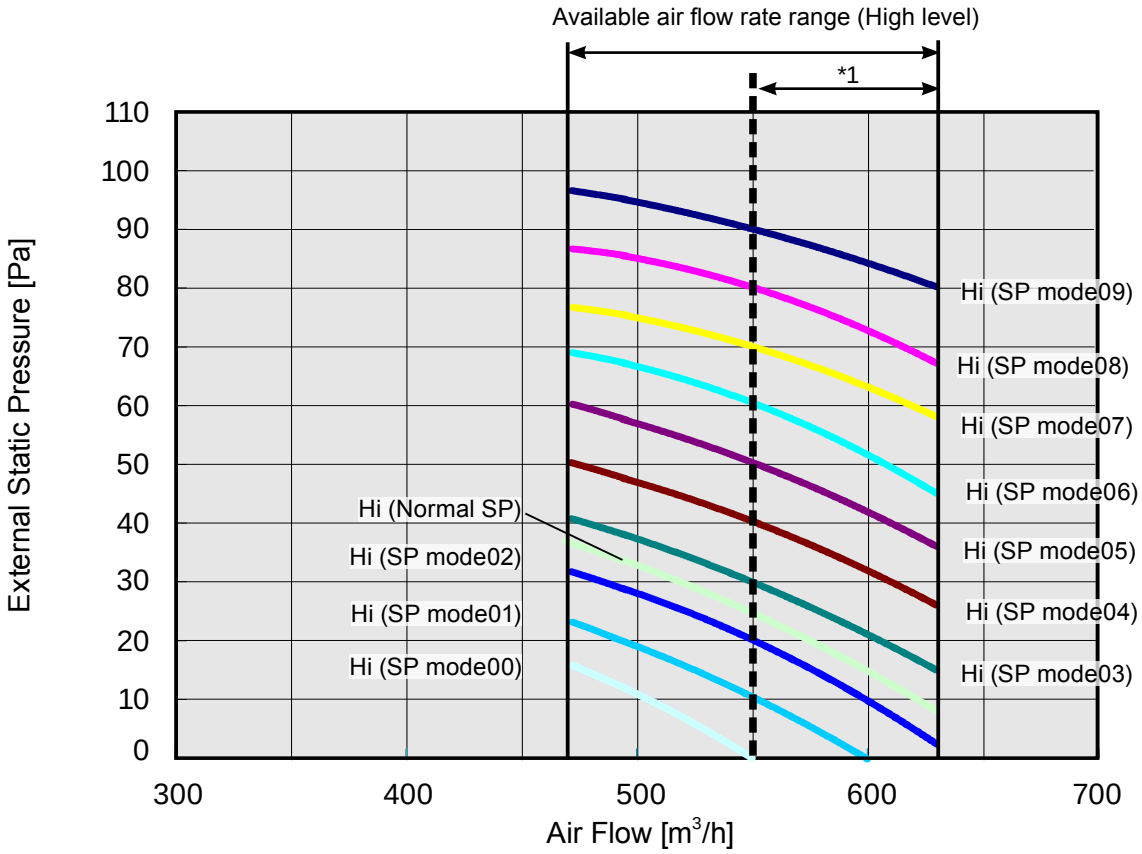
MULTI TYPE
2, 3, 4 ROOMS TYPE

# 7. FAN PERFORMANCE CURVE

## 7-1. SLIM DUCT TYPE

### ■ MODEL : AR∗G07LLTA

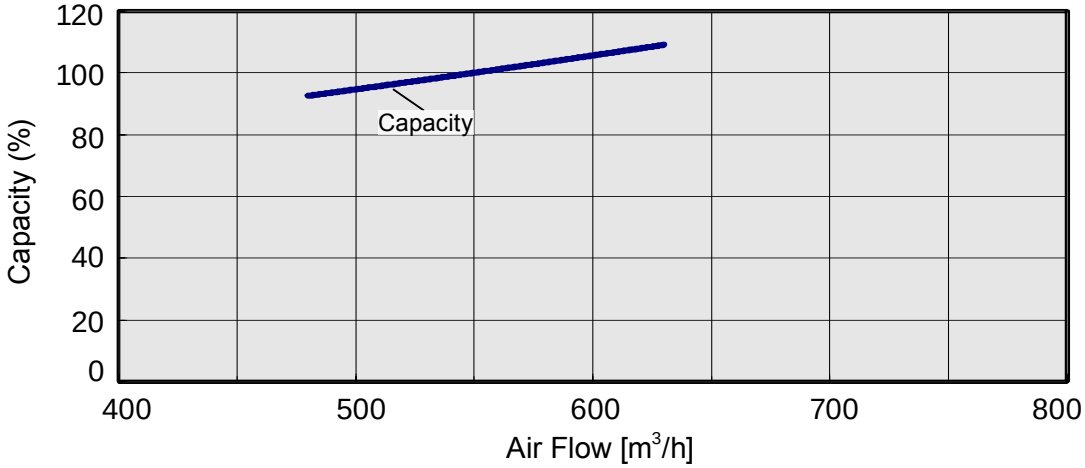


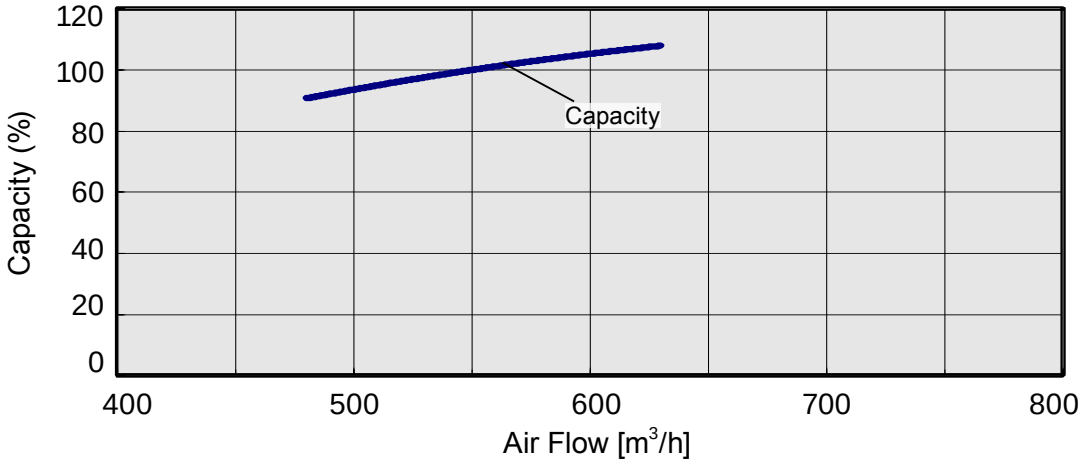

*1: Available air flow rate range when Auto louver grille (option) is installed.
Fan speed : High
Vertical flap : Up

MULTI TYPE
2, 3, 4 ROOMS TYPE

## ● Cooling

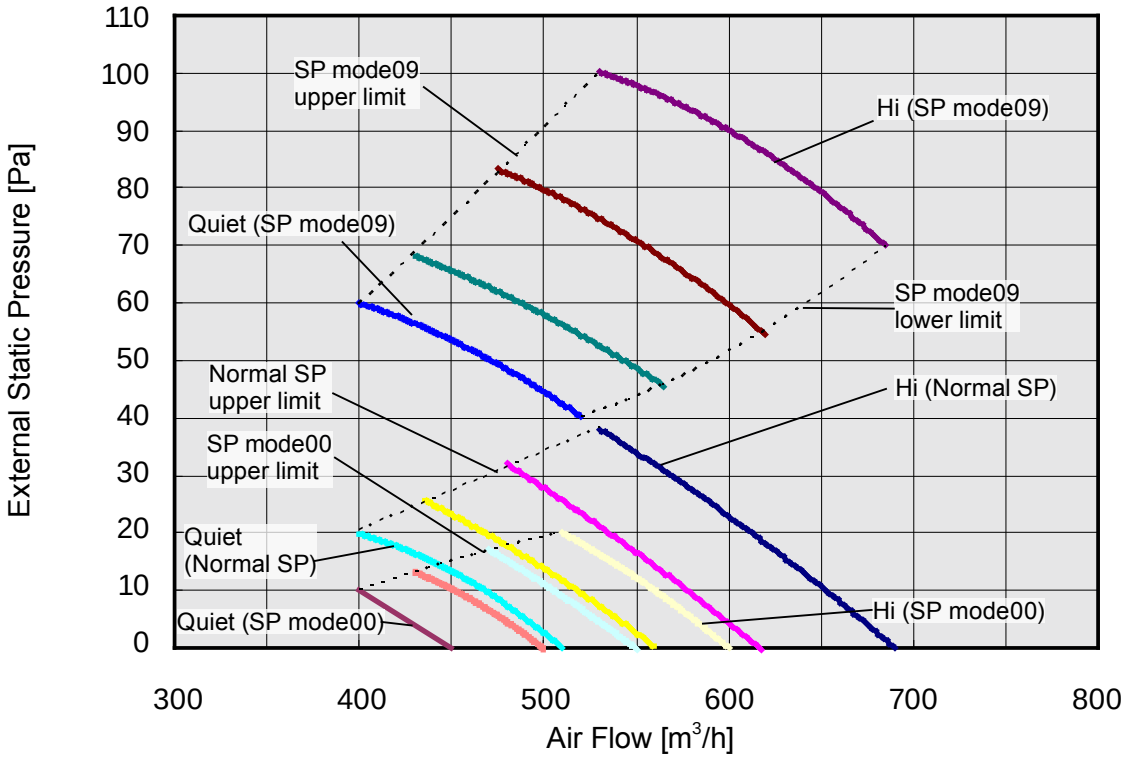


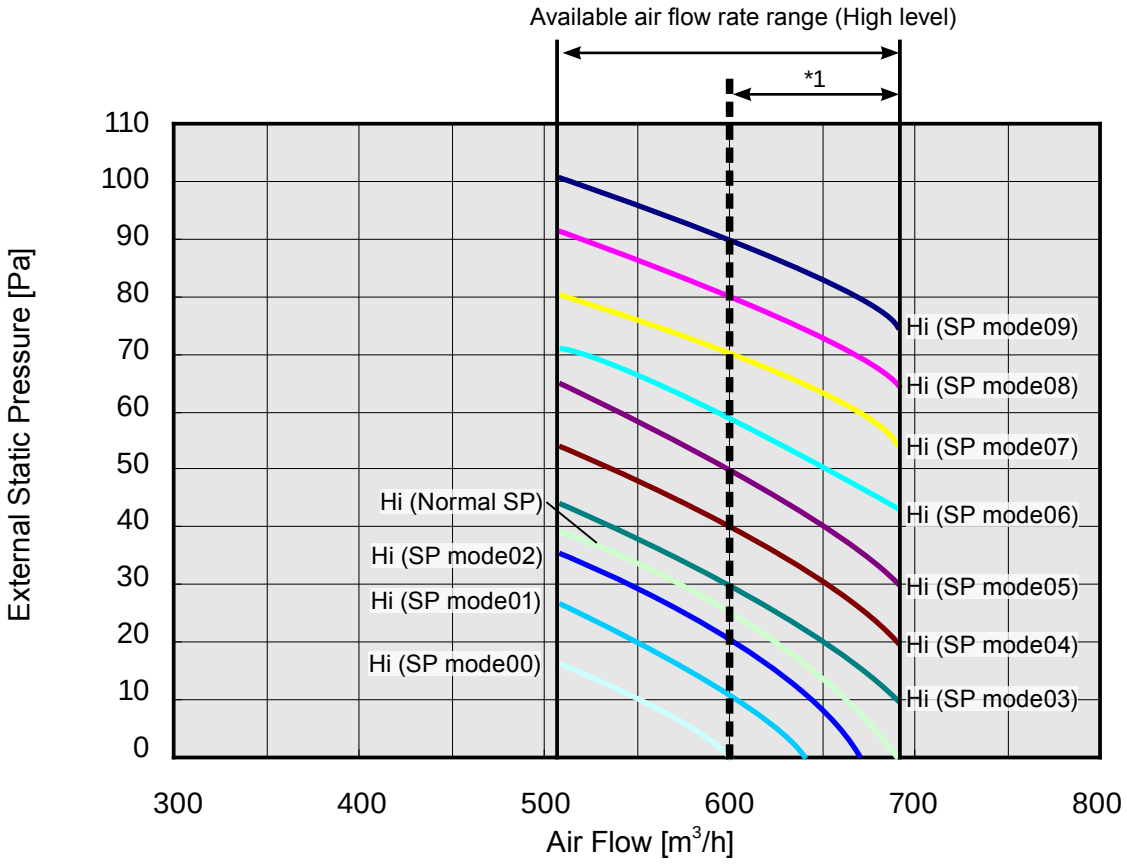

## ● Heating



MULTI TYPE
2, 3, 4 ROOMS TYPE

## ■ MODEL : AR∗G09LLTA

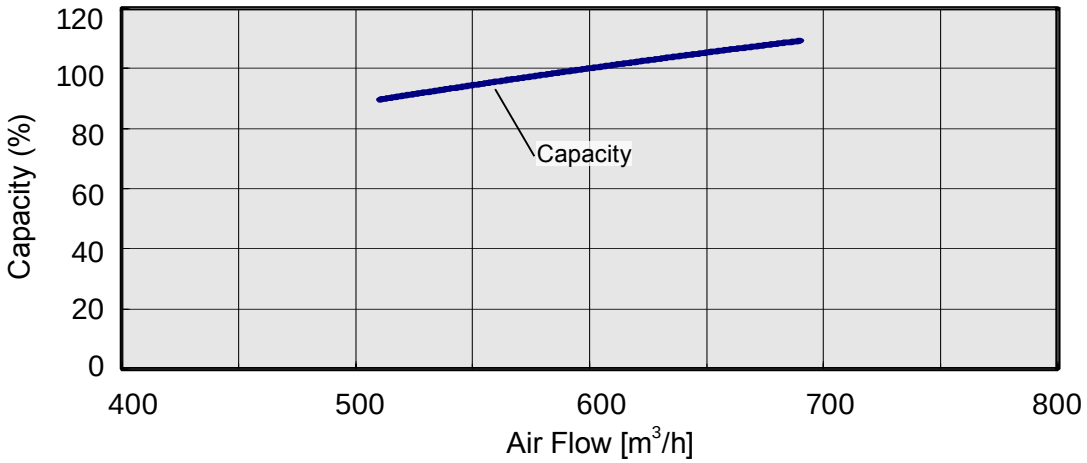


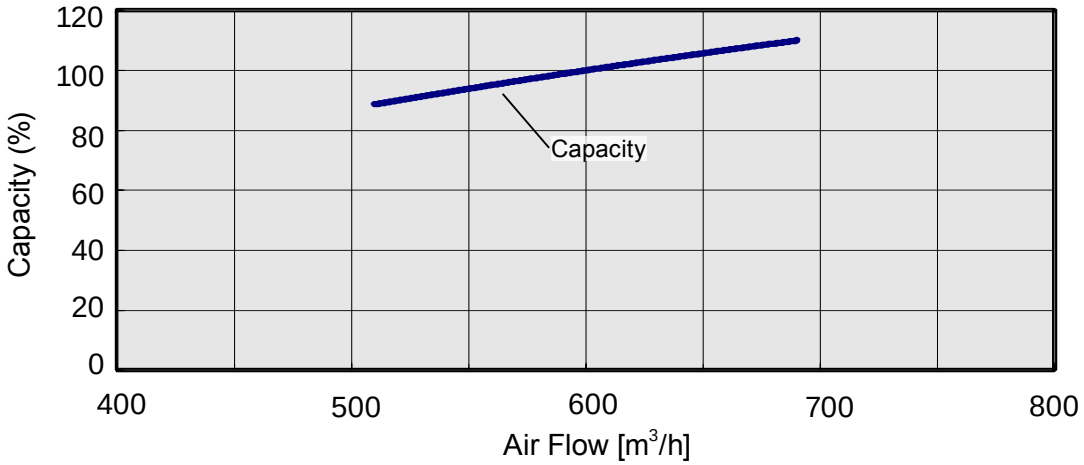

*1: Available air flow rate range when Auto louver grille (option) is installed.
Fan speed : High
Vertical flap : Up

MULTI TYPE
2, 3, 4 ROOMS TYPE

## ● Cooling

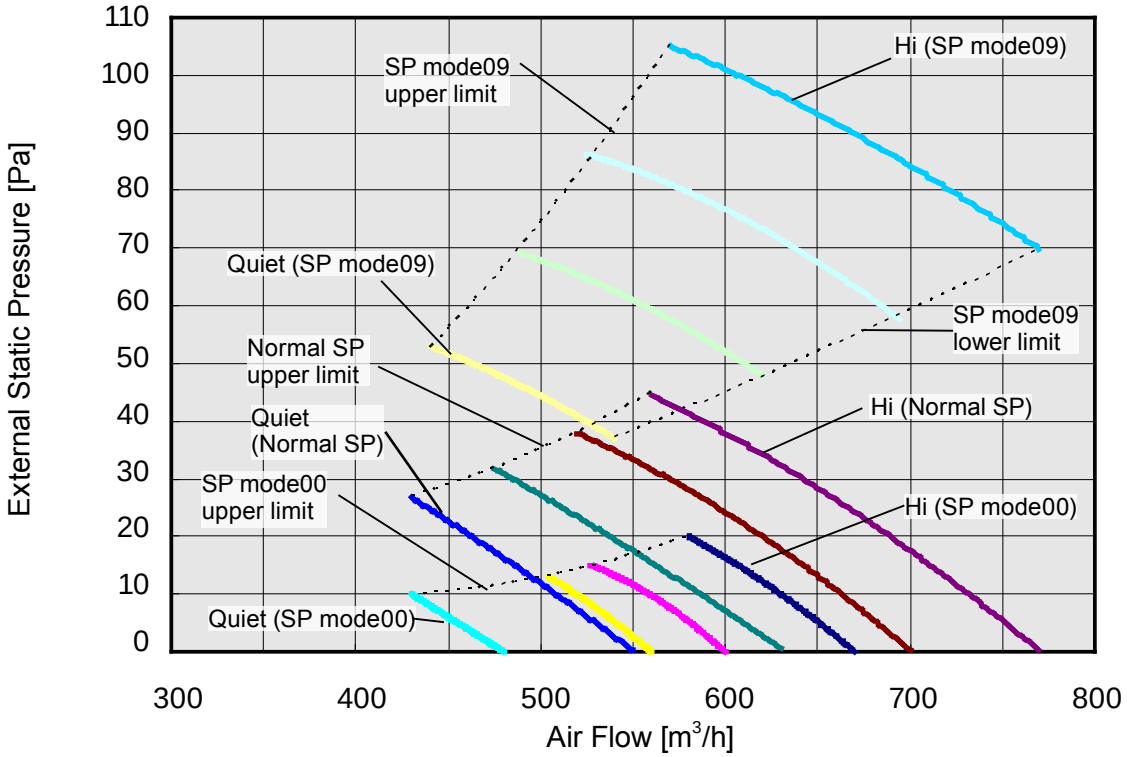


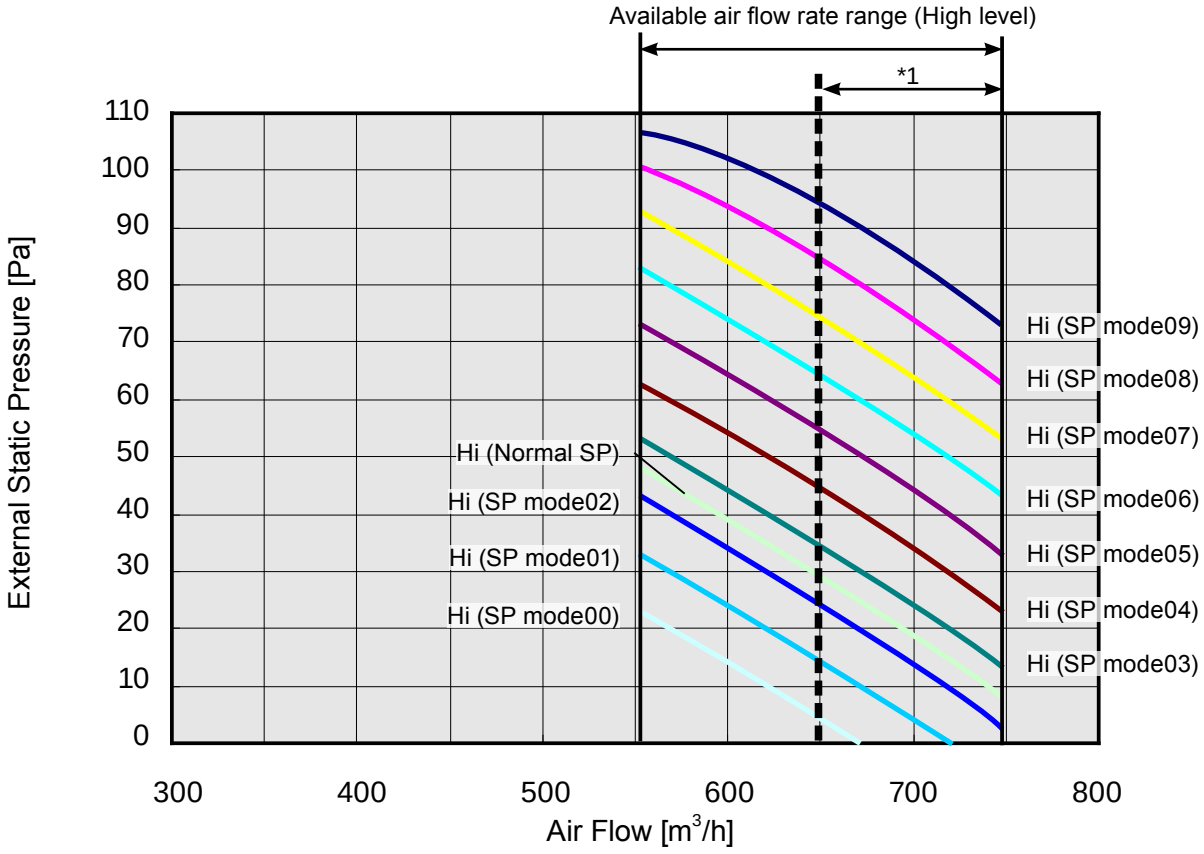

## ● Heating



MULTI TYPE
2, 3, 4 ROOMS TYPE

## ■ MODELS : AR*G12LLTA, AR*G12LLTB

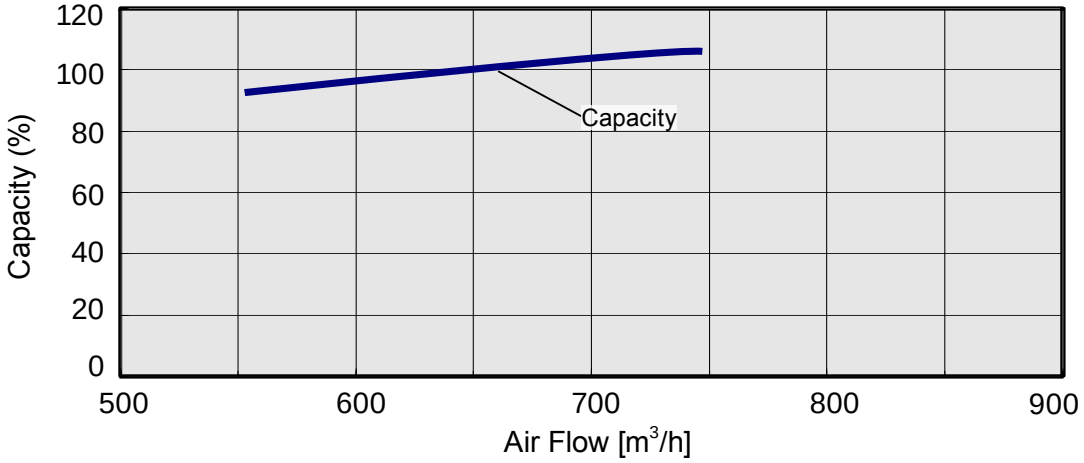


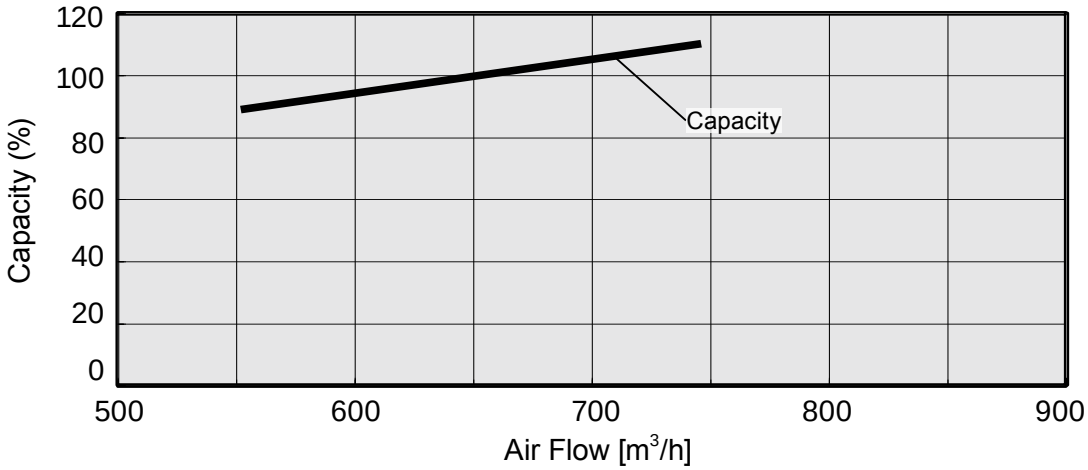

*1: Available air flow rate range when Auto louver grille (option) is installed.
Fan speed : High
Vertical flap : Up

MULTI TYPE
2, 3, 4 ROOMS TYPE

## ● Cooling

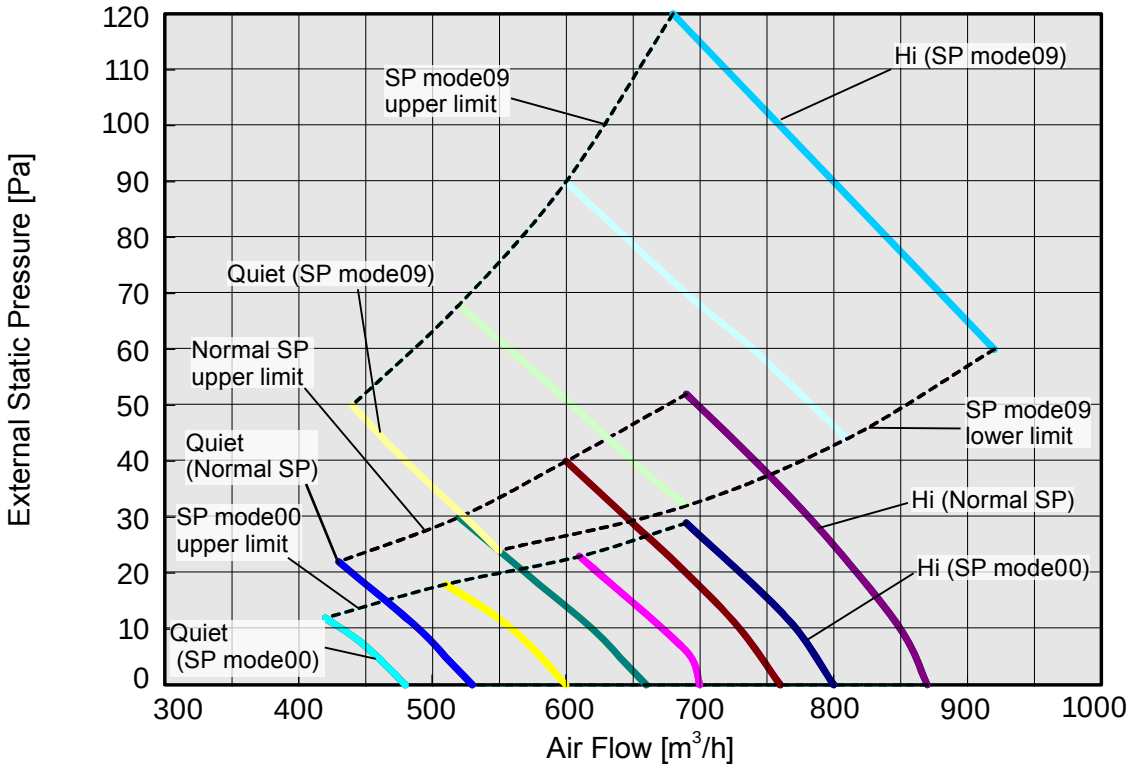


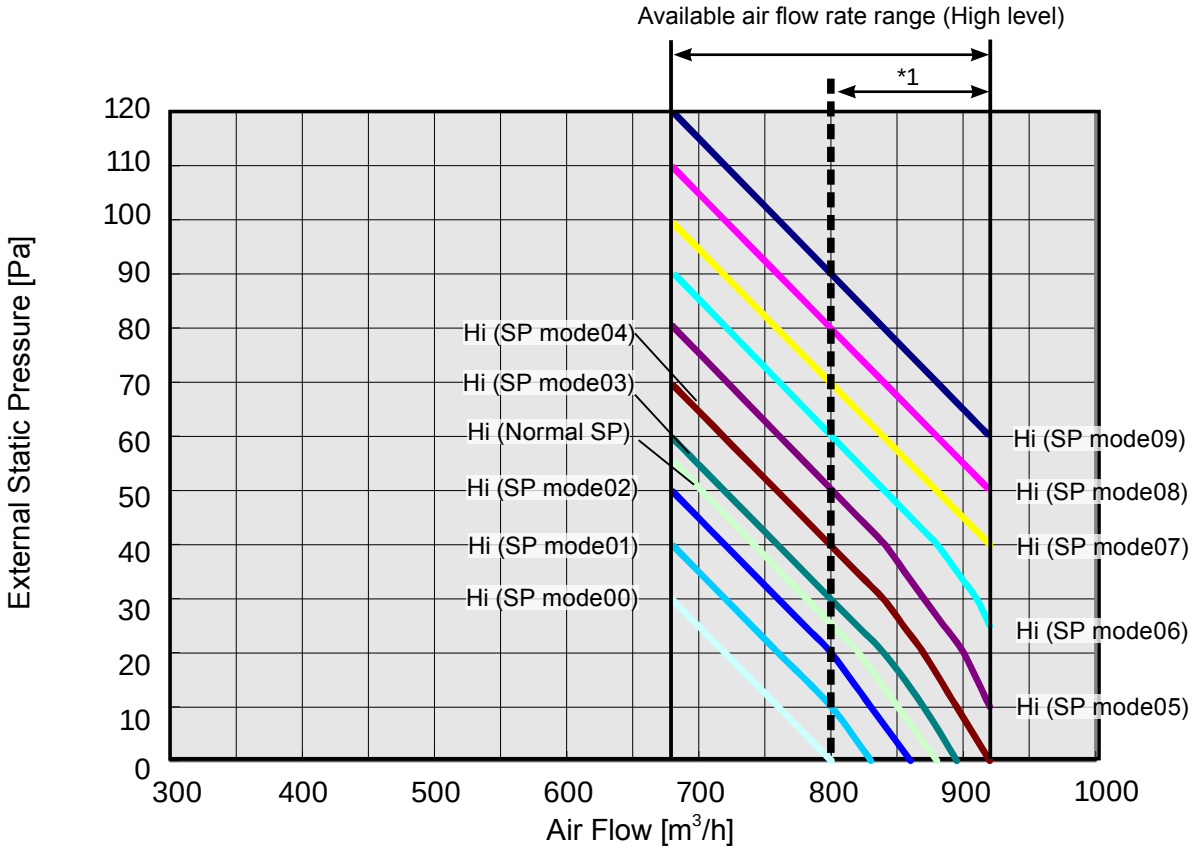

## ● Heating



MULTI TYPE
2, 3, 4 ROOMS TYPE

## ■ MODELS : AR*G14LLTA, AR*G14LLTB

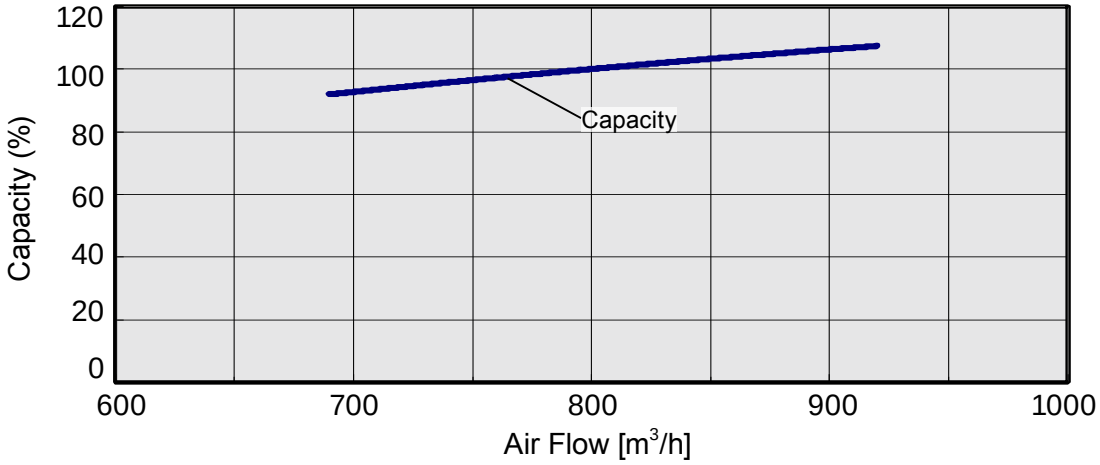


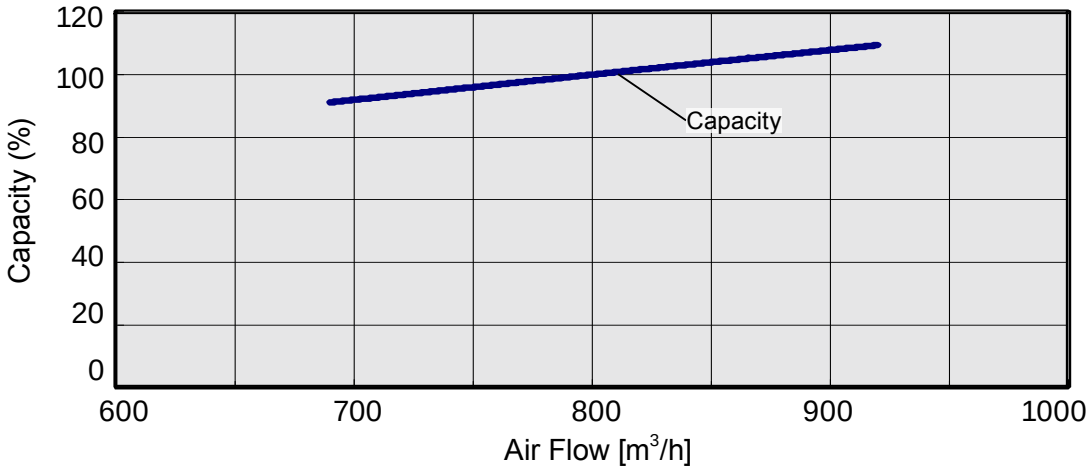

*1: Available air flow rate range when Auto louver grille (option) is installed.
Fan speed : High
Vertical flap : Up

MULTI TYPE
2, 3, 4 ROOMS TYPE

## ● Cooling

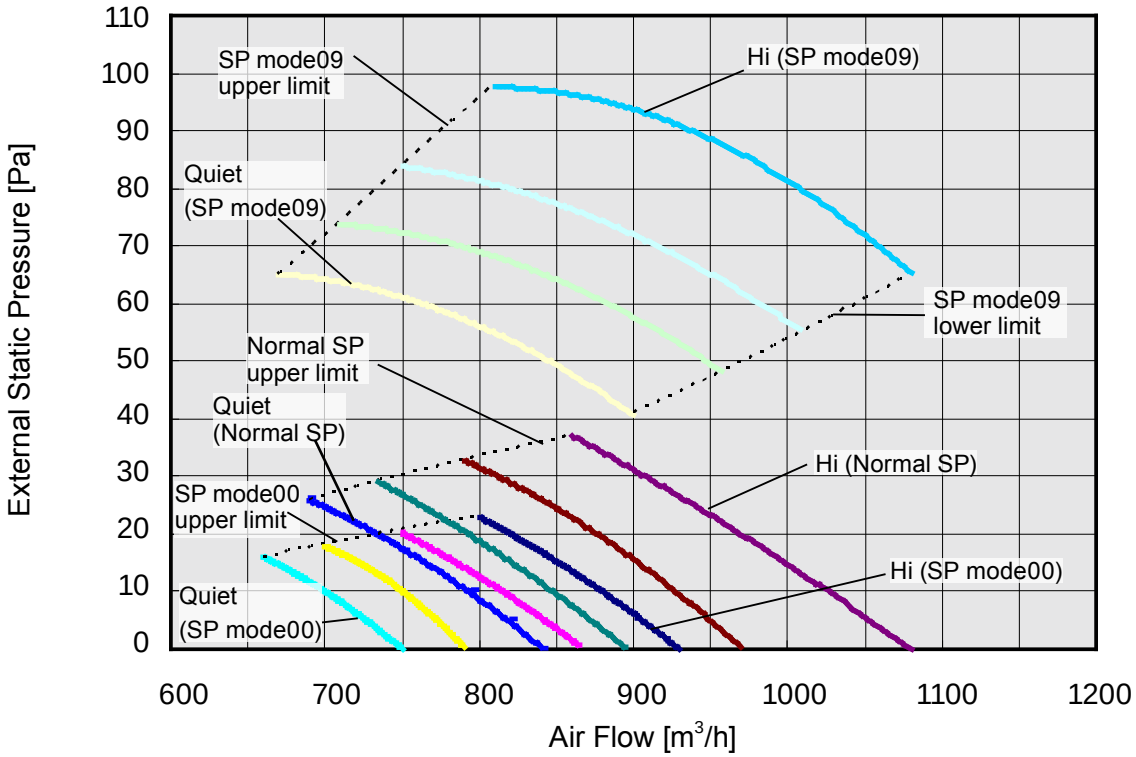


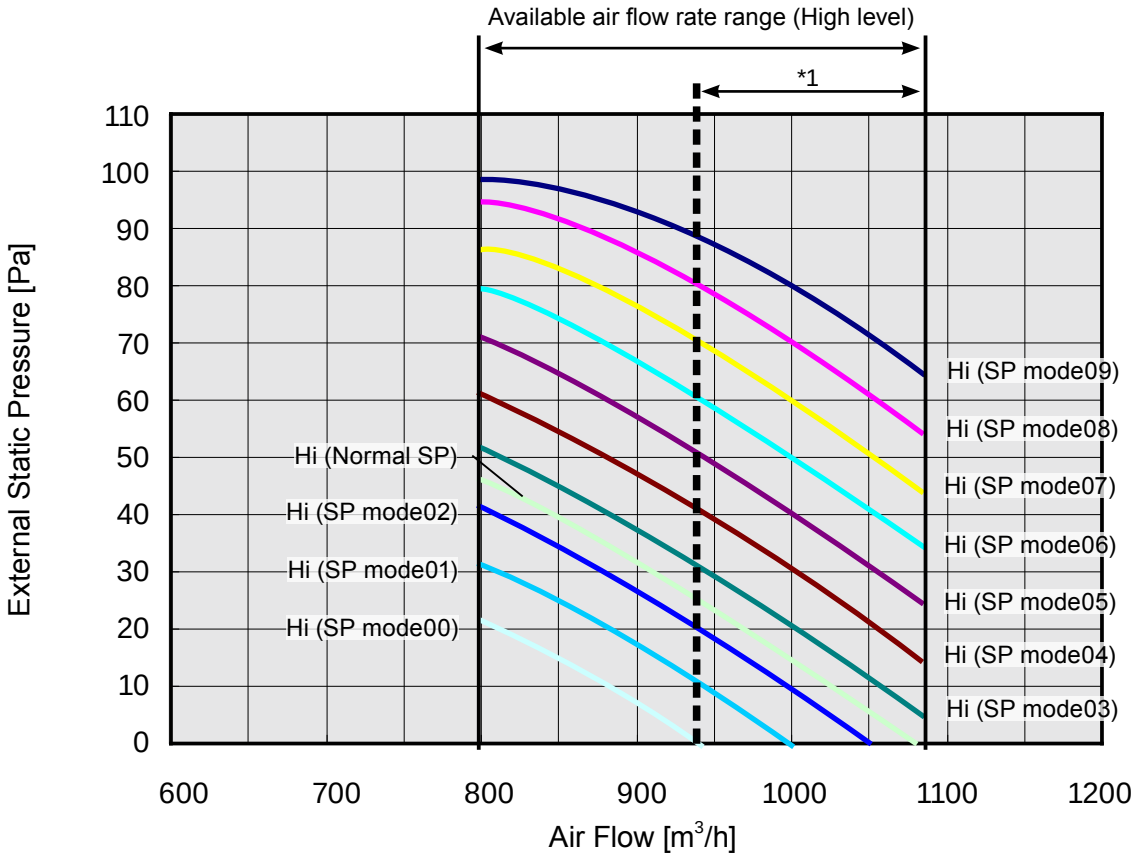

## ● Heating



MULTI TYPE
2, 3, 4 ROOMS TYPE

## ■ MODELS : AR*G18LLTA, AR*G18LLTB

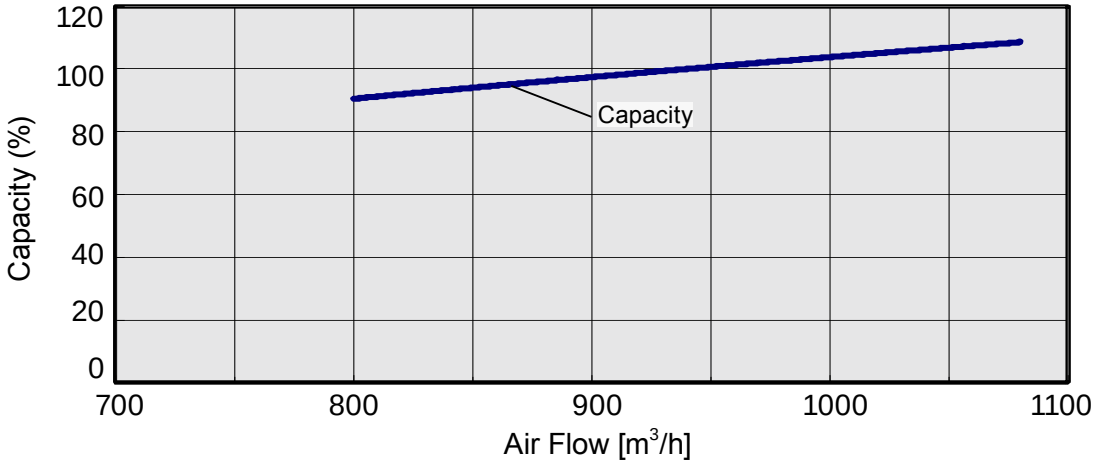


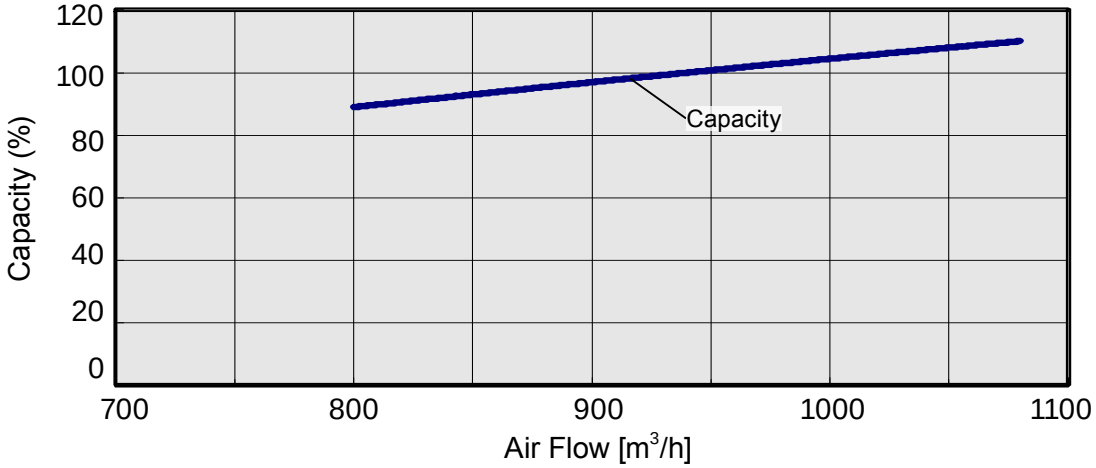

*1: Available air flow rate range when Auto louver grille (option) is installed.
Fan speed : High
Vertical flap : Up

MULTI TYPE
2, 3, 4 ROOMS TYPE

## ● Cooling




## ● Heating



# 8. AIRFLOW

| Type | Model | Operation mode | Fan speed | Air flow | | | Type | | Model | Operation mode | Fan speed | Air flow | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | $m^3/h$ | l/s | CFM | | | | | | $m^3/h$ | l/s | CFM |
| Compact Cassette | AU✳G07LVLA AU✳G09LVLA | Cooling | High | 540 | 150 | 318 | Wall Mounted | LJ | AS✳G07LJCA | Cooling | High | 560 | 156 | 330 |
| | | | Med | 490 | 136 | 288 | | | | | Med | 500 | 139 | 294 |
| | | | Low | 440 | 122 | 259 | | | | | Low | 430 | 119 | 253 |
| | | | Quiet | 390 | 108 | 230 | | | | | Quiet | 310 | 86 | 182 |
| | | Heating | High | 540 | 150 | 318 | | | | Heating | High | 560 | 156 | 330 |
| | | | Med | 490 | 136 | 288 | | | | | Med | 500 | 139 | 294 |
| | | | Low | 440 | 122 | 259 | | | | | Low | 430 | 119 | 253 |
| | | | Quiet | 390 | 108 | 230 | | | | | Quiet | 330 | 92 | 194 |
| | AU✳G12LVLA AU✳G12LVLB | Cooling | High | 610 | 169 | 359 | | | AS✳G09LJCA | Cooling | High | 600 | 167 | 353 |
| | | | Med | 530 | 147 | 312 | | | | | Med | 520 | 144 | 306 |
| | | | Low | 470 | 131 | 277 | | | | | Low | 430 | 119 | 253 |
| | | | Quiet | 410 | 114 | 241 | | | | | Quiet | 310 | 86 | 182 |
| | | Heating | High | 610 | 169 | 359 | | | | Heating | High | 600 | 167 | 353 |
| | | | Med | 530 | 147 | 312 | | | | | Med | 520 | 144 | 306 |
| | | | Low | 470 | 131 | 277 | | | | | Low | 430 | 119 | 253 |
| | | | Quiet | 410 | 114 | 241 | | | | | Quiet | 330 | 92 | 194 |
| | AU✳G14LVLA AU✳G14LVLB | Cooling | High | 680 | 189 | 400 | | | AS✳G12LJCA | Cooling | High | 660 | 183 | 388 |
| | | | Med | 580 | 161 | 341 | | | | | Med | 560 | 156 | 330 |
| | | | Low | 490 | 136 | 288 | | | | | Low | 450 | 125 | 265 |
| | | | Quiet | 410 | 114 | 241 | | | | | Quiet | 310 | 86 | 182 |
| | | Heating | High | 700 | 194 | 412 | | | | Heating | High | 660 | 183 | 388 |
| | | | Med | 620 | 172 | 365 | | | | | Med | 560 | 156 | 330 |
| | | | Low | 550 | 153 | 324 | | | | | Low | 470 | 131 | 277 |
| | | | Quiet | 430 | 119 | 253 | | | | | Quiet | 330 | 92 | 194 |
| | AU✳G18LVLA AU✳G18LVLB | Cooling | High | 750 | 208 | 441 | | LU | AS✳G07LUCA | Cooling | High | 570 | 158 | 335 |
| | | | Med | 610 | 169 | 359 | | | | | Med | 520 | 144 | 306 |
| | | | Low | 520 | 144 | 306 | | | | | Low | 470 | 131 | 276 |
| | | | Quiet | 410 | 114 | 241 | | | | | Quiet | 330 | 92 | 194 |
| | | Heating | High | 800 | 222 | 471 | | | | Heating | High | 570 | 158 | 335 |
| | | | Med | 710 | 197 | 418 | | | | | Med | 520 | 144 | 306 |
| | | | Low | 600 | 167 | 353 | | | | | Low | 470 | 131 | 276 |
| | | | Quiet | 450 | 125 | 265 | | | | | Quiet | 330 | 92 | 194 |
| Slim Duct | AR✳G07LLTA | Cooling | High | 550 | 153 | 324 | | | AS✳G09LUCA | Cooling | High | 600 | 167 | 353 |
| | | | Med | 490 | 136 | 288 | | | | | Med | 550 | 153 | 324 |
| | | | Low | 470 | 131 | 277 | | | | | Low | 470 | 131 | 276 |
| | | | Quiet | 440 | 122 | 259 | | | | | Quiet | 330 | 92 | 194 |
| | | Heating | High | 550 | 153 | 324 | | | | Heating | High | 600 | 167 | 353 |
| | | | Med | 490 | 136 | 288 | | | | | Med | 550 | 153 | 324 |
| | | | Low | 470 | 131 | 277 | | | | | Low | 470 | 131 | 276 |
| | | | Quiet | 440 | 122 | 259 | | | | | Quiet | 330 | 92 | 194 |
| | AR✳G09LLTA | Cooling | High | 600 | 167 | 353 | | | AS✳G12LUCA | Cooling | High | 660 | 183 | 388 |
| | | | Med | 550 | 153 | 324 | | | | | Med | 600 | 167 | 353 |
| | | | Low | 500 | 139 | 294 | | | | | Low | 530 | 147 | 312 |
| | | | Quiet | 450 | 125 | 265 | | | | | Quiet | 330 | 92 | 194 |
| | | Heating | High | 600 | 167 | 353 | | | | Heating | High | 660 | 183 | 388 |
| | | | Med | 550 | 153 | 324 | | | | | Med | 600 | 167 | 353 |
| | | | Low | 500 | 139 | 294 | | | | | Low | 530 | 147 | 312 |
| | | | Quiet | 450 | 125 | 265 | | | | | Quiet | 330 | 92 | 194 |
| | AR✳G12LLTA AR✳G12LLTB | Cooling | High | 650 | 181 | 383 | | | AS✳G14LUCA | Cooling | High | 710 | 197 | 418 |
| | | | Med | 600 | 167 | 353 | | | | | Med | 640 | 178 | 376 |
| | | | Low | 550 | 153 | 324 | | | | | Low | 570 | 158 | 335 |
| | | | Quiet | 480 | 133 | 283 | | | | | Quiet | 390 | 108 | 229 |
| | | Heating | High | 650 | 181 | 383 | | | | Heating | High | 710 | 197 | 418 |
| | | | Med | 600 | 167 | 353 | | | | | Med | 640 | 178 | 376 |
| | | | Low | 550 | 153 | 324 | | | | | Low | 590 | 164 | 347 |
| | | | Quiet | 480 | 133 | 283 | | | | | Quiet | 430 | 119 | 253 |
| | AR✳G14LLTA AR✳G14LLTB | Cooling | High | 800 | 222 | 471 | | | | | | | | |
| | | | Med | 700 | 194 | 412 | | | | | | | | |
| | | | Low | 600 | 167 | 353 | | | | | | | | |
| | | | Quiet | 480 | 133 | 283 | | | | | | | | |
| | | Heating | High | 800 | 222 | 471 | | | | | | | | |
| | | | Med | 700 | 194 | 412 | | | | | | | | |
| | | | Low | 600 | 167 | 353 | | | | | | | | |
| | | | Quiet | 480 | 133 | 283 | | | | | | | | |
| | AR✳G18LLTA AR✳G18LLTB | Cooling | High | 940 | 261 | 553 | | | | | | | | |
| | | | Med | 880 | 244 | 518 | | | | | | | | |
| | | | Low | 820 | 227 | 483 | | | | | | | | |
| | | | Quiet | 750 | 208 | 441 | | | | | | | | |
| | | Heating | High | 940 | 261 | 553 | | | | | | | | |
| | | | Med | 880 | 244 | 518 | | | | | | | | |
| | | | Low | 820 | 227 | 483 | | | | | | | | |
| | | | Quiet | 750 | 208 | 441 | | | | | | | | |

Conversion Factor
1 $m^3/h$ = 0.2778 l/s = 0.5886 CFM
3.6 $m^3/h$ = 1 l/s
1.699 $m^3/h$ = 1 CFM

MULTI TYPE
2, 3, 4 ROOMS TYPE

| Type | | Model | Operation mode | Fan speed | Airflow | | | Type | Model | Operation mode | Fan speed | Airflow | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $m^3/h$ | l/s | CFM | | | | | $m^3/h$ | l/s | CFM |
| Wall Mounted | LM | AS∗G07LMCA | Cooling | High | 560 | 156 | 330 | Floor / Ceiling | AB∗G14LVTA | Cooling | High | 640 | 178 | 377 |
| | | | | Med | 500 | 139 | 294 | | | | Med | 590 | 164 | 347 |
| | | | | Low | 430 | 119 | 253 | | | | Low | 540 | 150 | 318 |
| | | | | Quiet | 310 | 86 | 182 | | | | Quiet | 480 | 133 | 283 |
| | | | Heating | High | 560 | 156 | 330 | | | Heating | High | 640 | 178 | 377 |
| | | | | Med | 500 | 139 | 294 | | | | Med | 590 | 164 | 347 |
| | | | | Low | 430 | 119 | 253 | | | | Low | 540 | 150 | 318 |
| | | | | Quiet | 330 | 92 | 194 | | | | Quiet | 480 | 133 | 283 |
| | | AS∗G09LMCA | Cooling | High | 600 | 167 | 353 | | AB∗G18LVTA AB∗G18LVTB | Cooling | High | 780 | 217 | 459 |
| | | | | Med | 520 | 144 | 306 | | | | Med | 700 | 194 | 412 |
| | | | | Low | 430 | 119 | 253 | | | | Low | 560 | 156 | 330 |
| | | | | Quiet | 310 | 86 | 182 | | | | Quiet | 500 | 139 | 294 |
| | | | Heating | High | 600 | 167 | 353 | | | Heating | High | 780 | 217 | 459 |
| | | | | Med | 520 | 144 | 306 | | | | Med | 700 | 194 | 412 |
| | | | | Low | 430 | 119 | 253 | | | | Low | 560 | 156 | 330 |
| | | | | Quiet | 330 | 92 | 194 | | | | Quiet | 500 | 139 | 294 |
| | | AS∗G12LMCA | Cooling | High | 660 | 183 | 388 | Floor | AG∗G09LVCA | Cooling | High | 530 | 147 | 312 |
| | | | | Med | 560 | 156 | 330 | | | | Med | 440 | 122 | 259 |
| | | | | Low | 450 | 125 | 265 | | | | Low | 360 | 100 | 212 |
| | | | | Quiet | 310 | 86 | 182 | | | | Quiet | 270 | 75 | 159 |
| | | | Heating | High | 660 | 183 | 388 | | | Heating | High | 530 | 147 | 312 |
| | | | | Med | 560 | 156 | 330 | | | | Med | 460 | 128 | 270 |
| | | | | Low | 470 | 131 | 277 | | | | Low | 380 | 106 | 224 |
| | | | | Quiet | 330 | 92 | 194 | | | | Quiet | 270 | 75 | 159 |
| | | AS∗G14LMCA | Cooling | High | 730 | 203 | 430 | | AG∗G12LVCA | Cooling | High | 600 | 167 | 353 |
| | | | | Med | 600 | 167 | 353 | | | | Med | 490 | 136 | 288 |
| | | | | Low | 530 | 147 | 312 | | | | Low | 380 | 106 | 224 |
| | | | | Quiet | 360 | 100 | 212 | | | | Quiet | 270 | 75 | 159 |
| | | | Heating | High | 730 | 203 | 430 | | | Heating | High | 600 | 167 | 353 |
| | | | | Med | 615 | 171 | 362 | | | | Med | 510 | 142 | 300 |
| | | | | Low | 560 | 156 | 330 | | | | Low | 410 | 114 | 241 |
| | | | | Quiet | 375 | 104 | 221 | | | | Quiet | 270 | 75 | 159 |
| | LF | AS∗G18LFCA | Cooling | High | 900 | 250 | 530 | | AG∗G14LVCA | Cooling | High | 650 | 181 | 383 |
| | | | | Med | 740 | 206 | 436 | | | | Med | 520 | 144 | 306 |
| | | | | Low | 620 | 172 | 365 | | | | Low | 400 | 111 | 235 |
| | | | | Quiet | 550 | 153 | 324 | | | | Quiet | 270 | 75 | 159 |
| | | | Heating | High | 900 | 250 | 530 | | | Heating | High | 650 | 181 | 383 |
| | | | | Med | 740 | 206 | 436 | | | | Med | 540 | 150 | 318 |
| | | | | Low | 620 | 172 | 365 | | | | Low | 430 | 119 | 253 |
| | | | | Quiet | 550 | 153 | 324 | | | | Quiet | 270 | 75 | 159 |
| | | AS∗G24LFCA AS∗G24LFCC | Cooling | High | 1120 | 311 | 659 | | | | | | | |
| | | | | Med | 900 | 250 | 530 | | | | | | | |
| | | | | Low | 740 | 206 | 436 | | | | | | | |
| | | | | Quiet | 620 | 172 | 365 | | | | | | | |
| | | | Heating | High | 1100 | 306 | 647 | | | | | | | |
| | | | | Med | 900 | 250 | 530 | | | | | | | |
| | | | | Low | 740 | 206 | 436 | | | | | | | |
| | | | | Quiet | 620 | 172 | 365 | | | | | | | |

Conversion Factor
1 $m^3/h$ = 0.2778 l/s = 0.5886 CFM
3.6 $m^3/h$ = 1 l/s
1.699 $m^3/h$ = 1 CFM

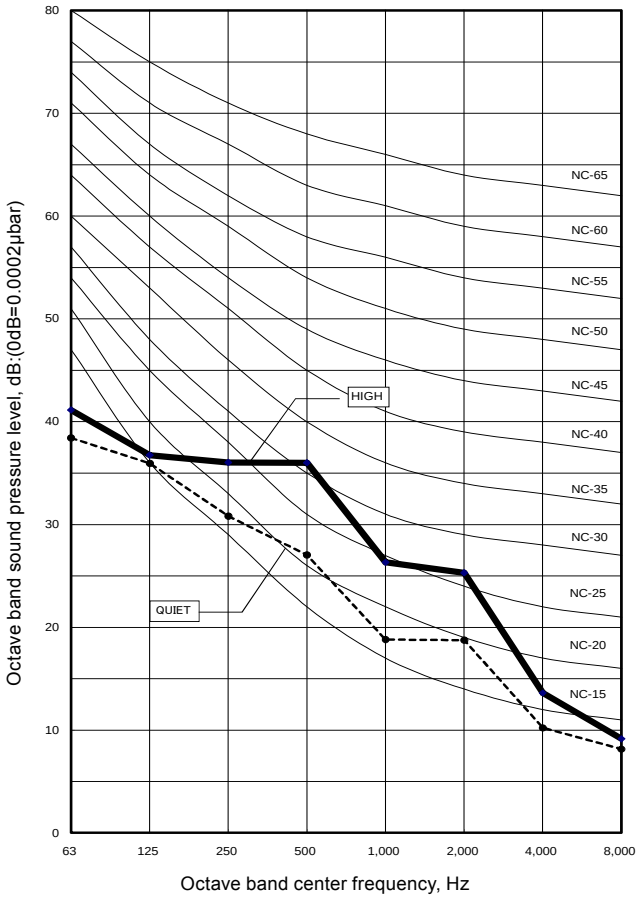
MULTI TYPE
2, 3, 4 ROOMS TYPE

# 9. NOISE LEVEL CURVE

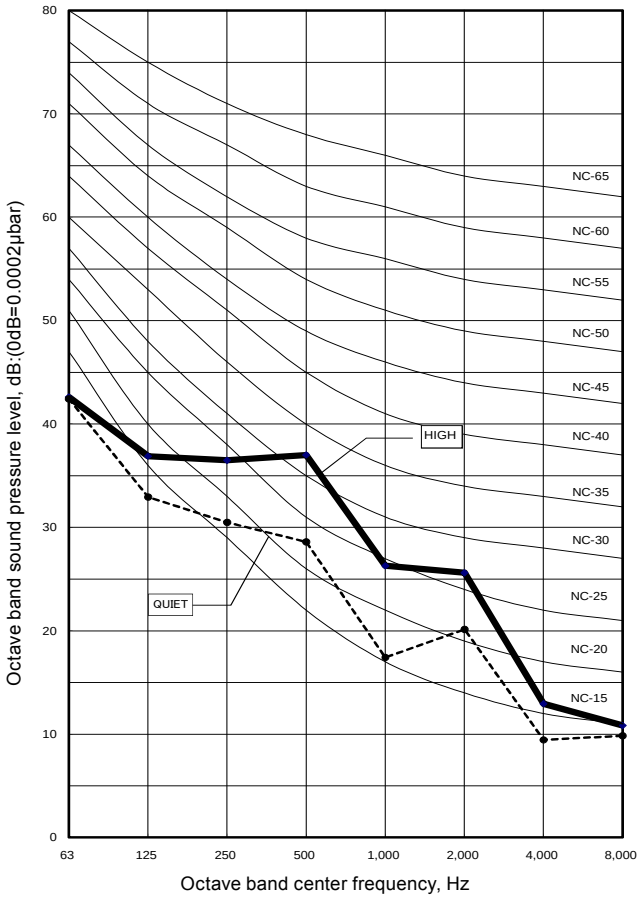
## 9-1. COMPACT CASSETTE TYPE

### ■ MODEL : AU*G07LVLA

● Cooling

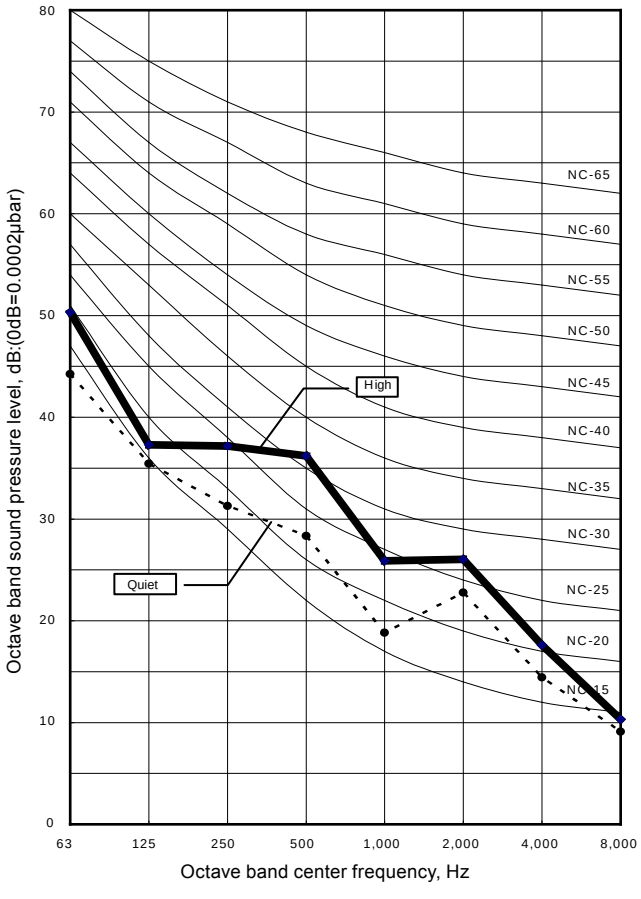



●Heating

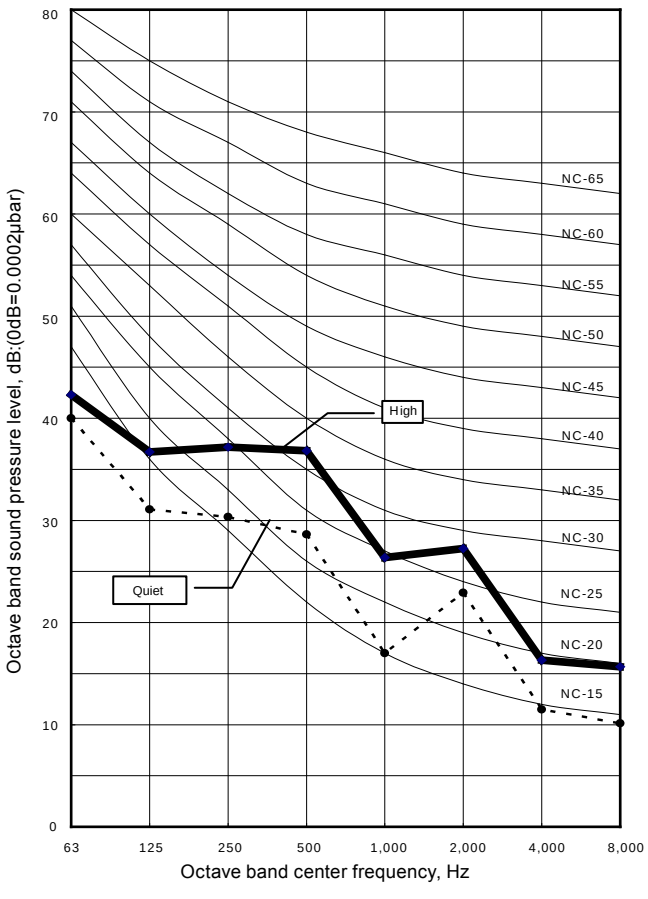



### ■ MODEL : AU*G09LVLA

● Cooling



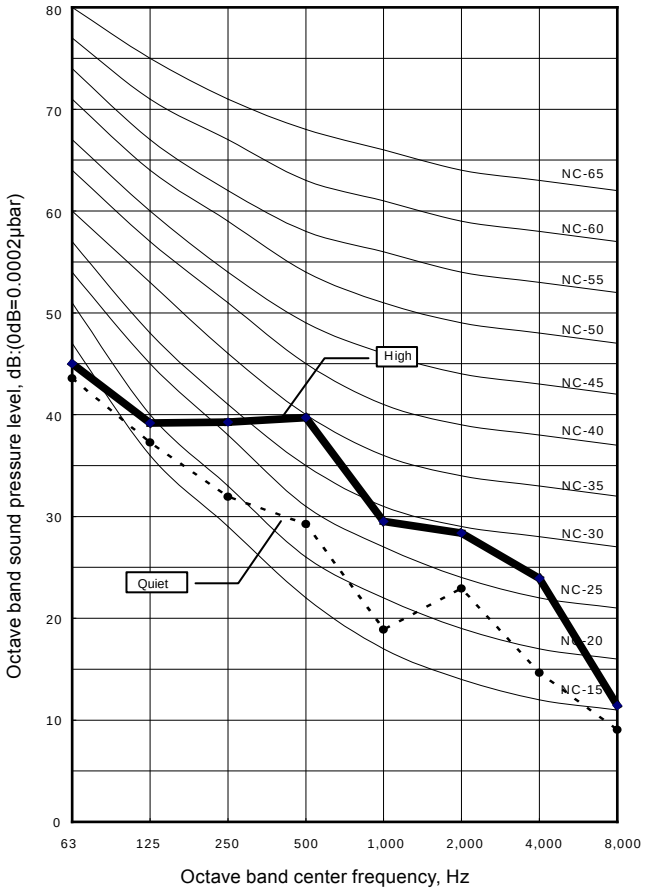

●Heating



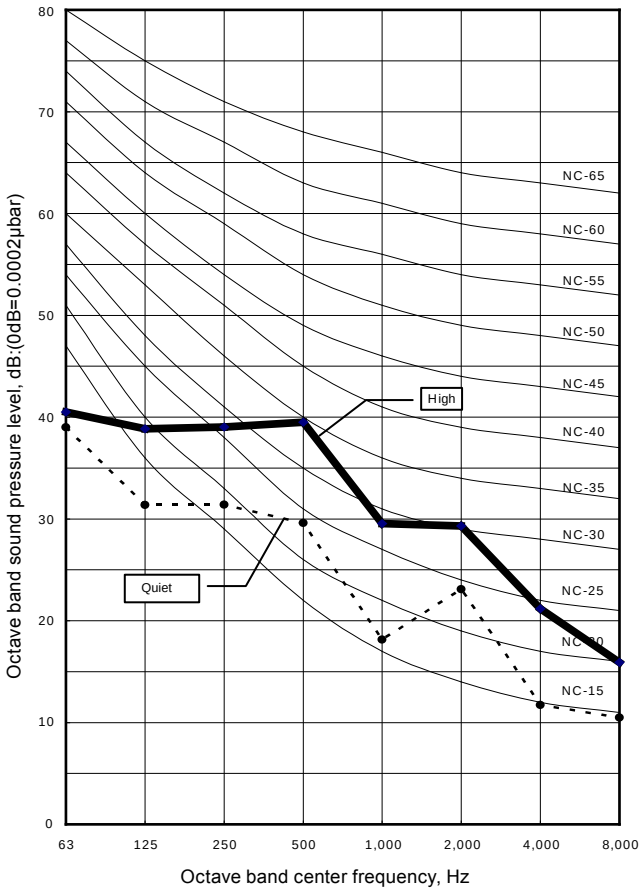
MULTI TYPE
2, 3, 4 ROOMS TYPE

## ■ MODELS : AU*G12LVLA, AU*G12LVLB

### ● Cooling

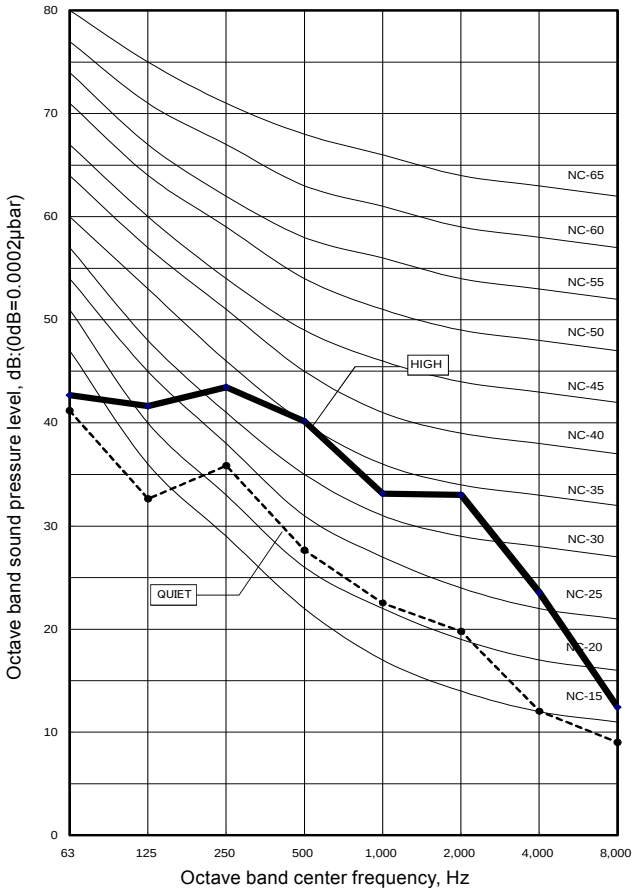



### ● Heating

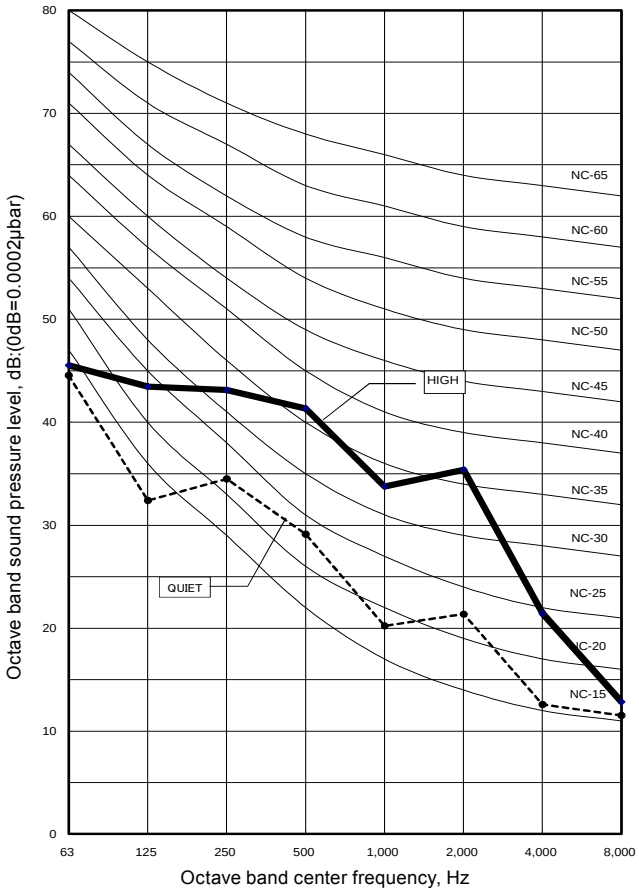



## ■ MODELS : AU*G14LVLA, AU*G14LVLB

### ● Cooling



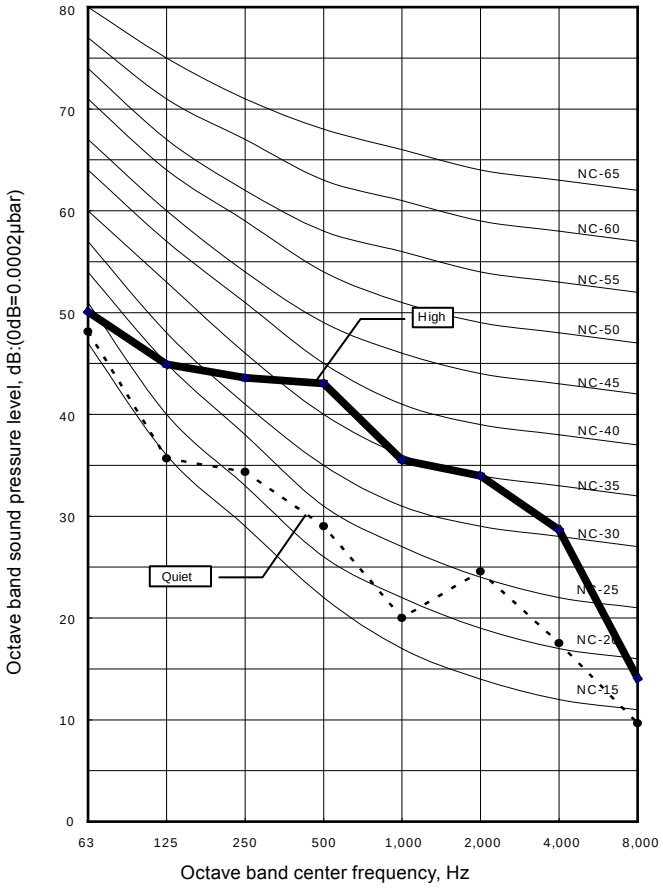

### ● Heating



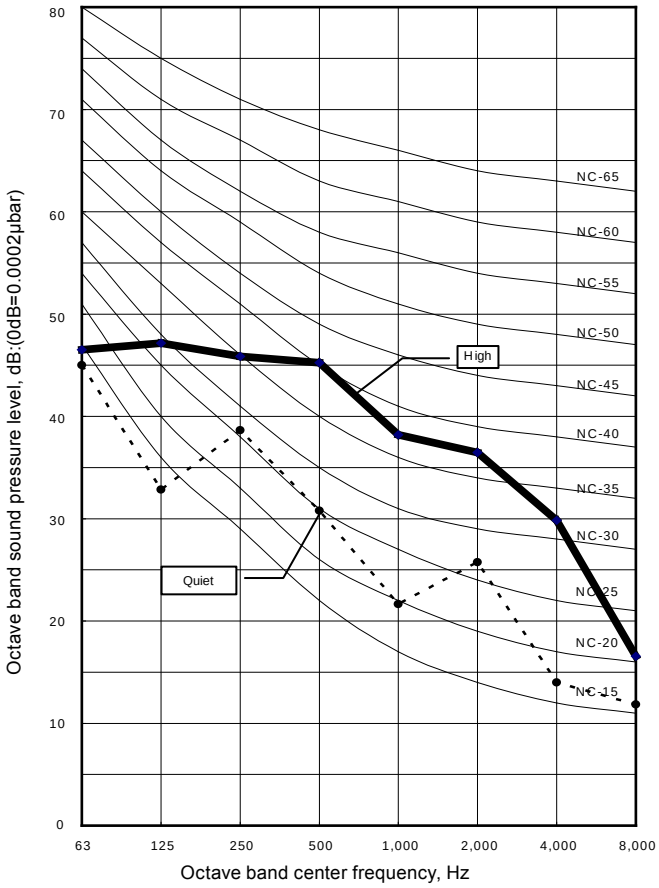
MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■MODELS : AU∗G18LVLA, AU∗G18LVLB

## ● Cooling




## ●Heating

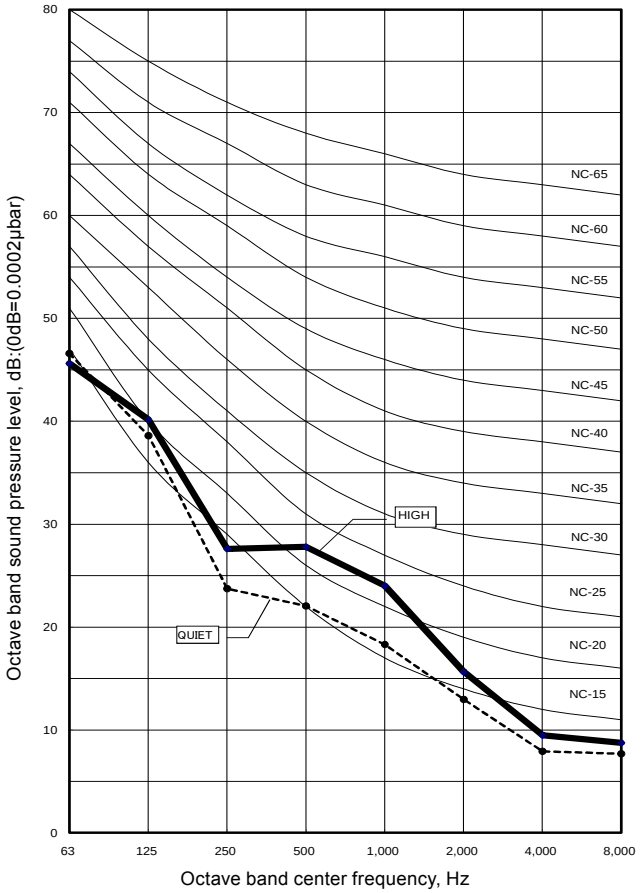


MULTI TYPE
2, 3, 4 ROOMS TYPE

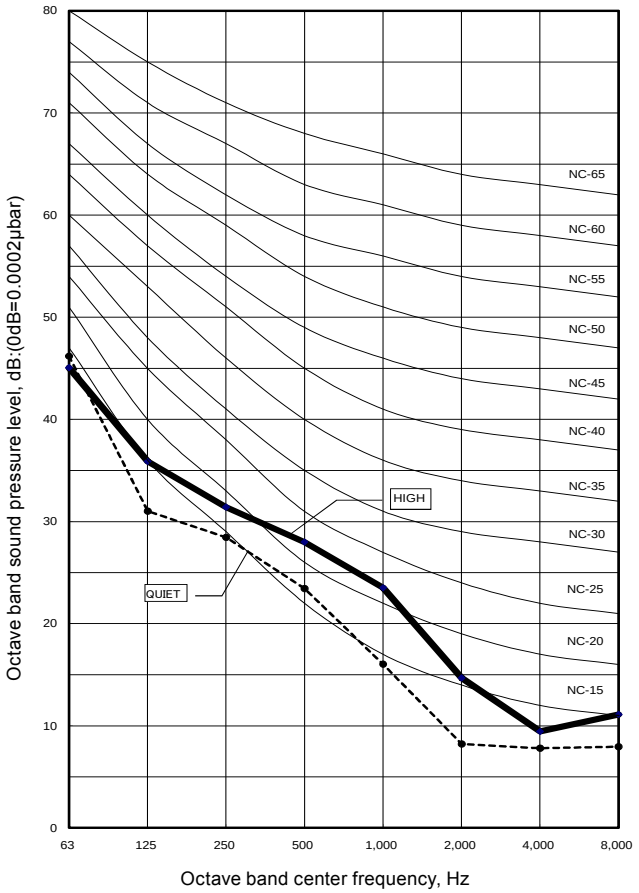
# 9-2. SLIM DUCT TYPE

## ■ MODEL : AR*G07LLTA

### ● Cooling

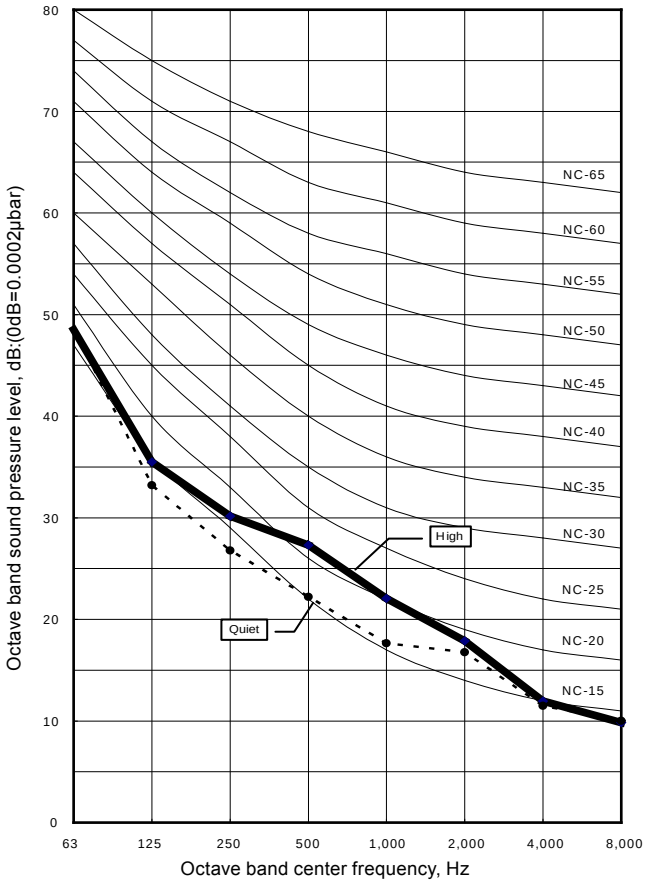



### ● Heating

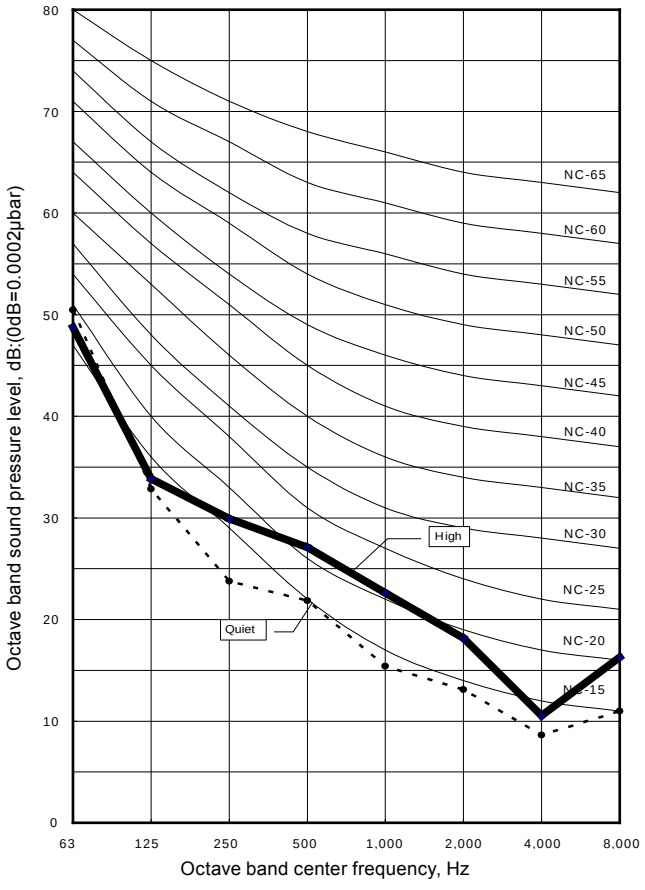



## ■ MODEL : AR*G09LLTA

### ● Cooling



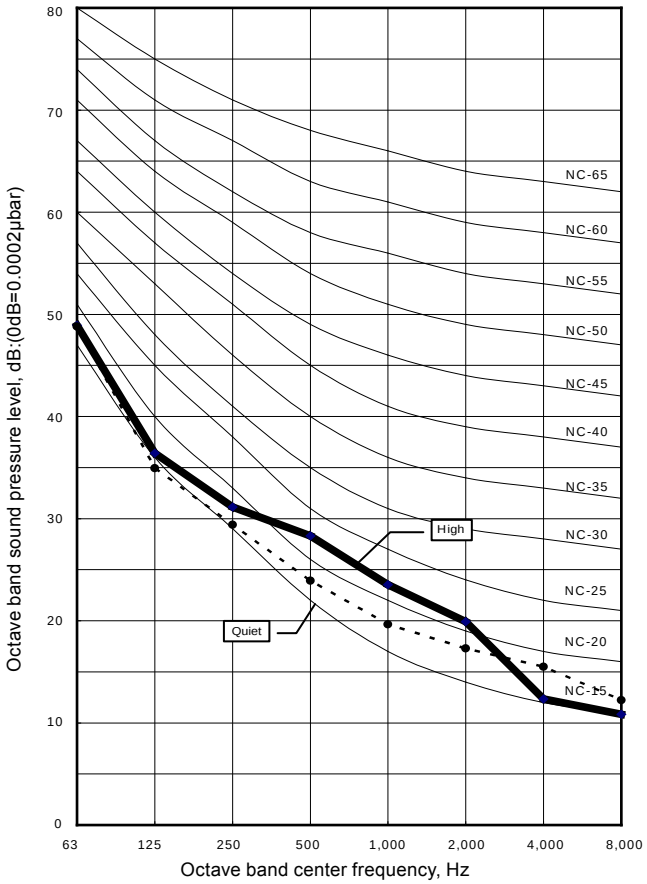

### ● Heating



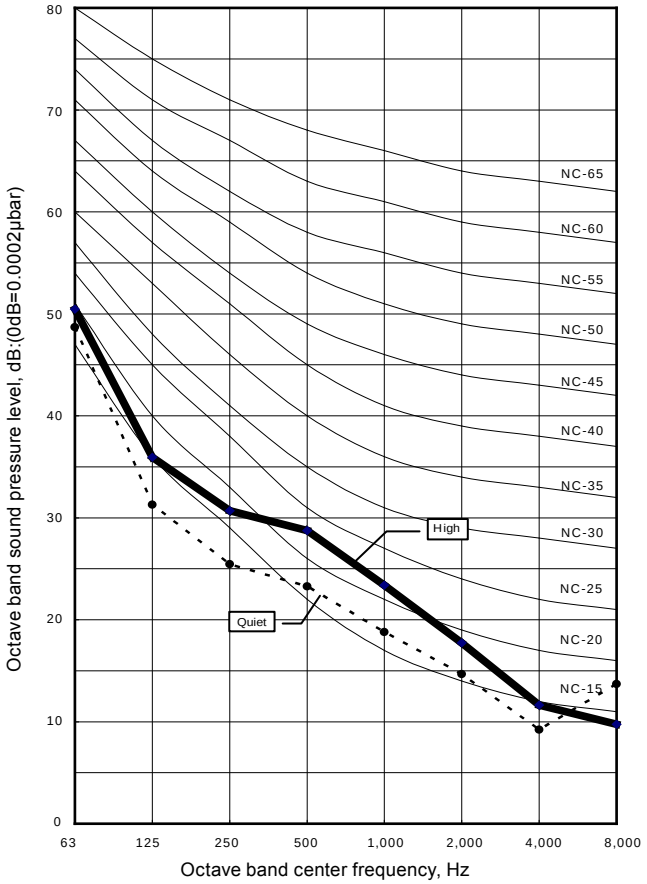
MULTI TYPE
2, 3, 4 ROOMS TYPE

## ■ MODELS : AR*G12LLTA, AR*G12LLTB

### ● Cooling

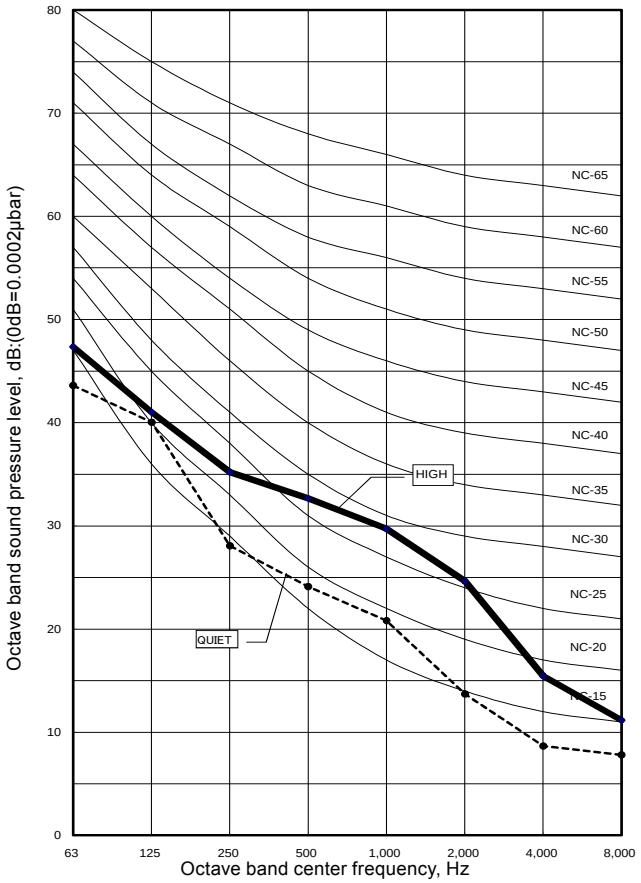



### ●Heating

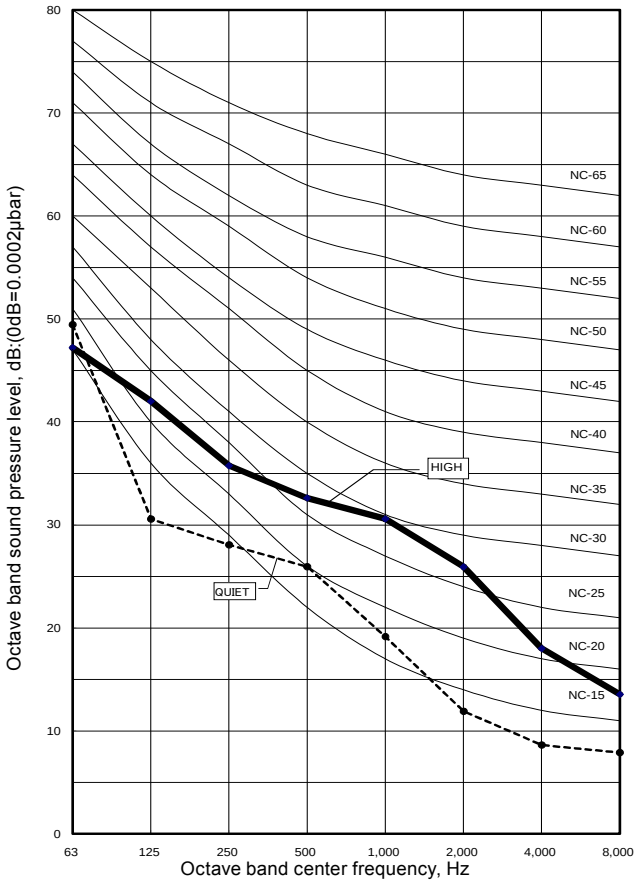



## ■ MODELS : AR*G14LLTA, AR*G14LLTB

### ● Cooling



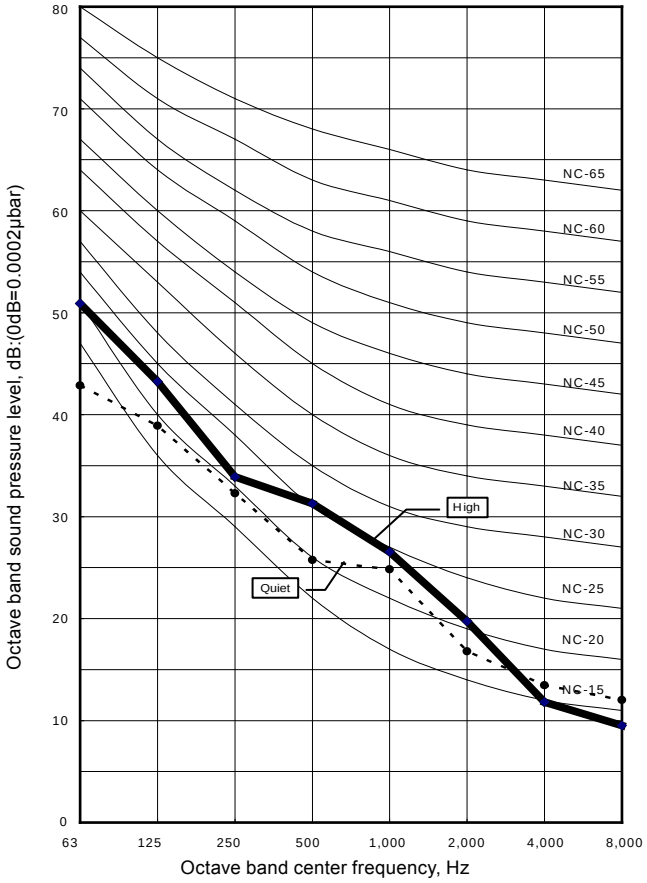

### ●Heating



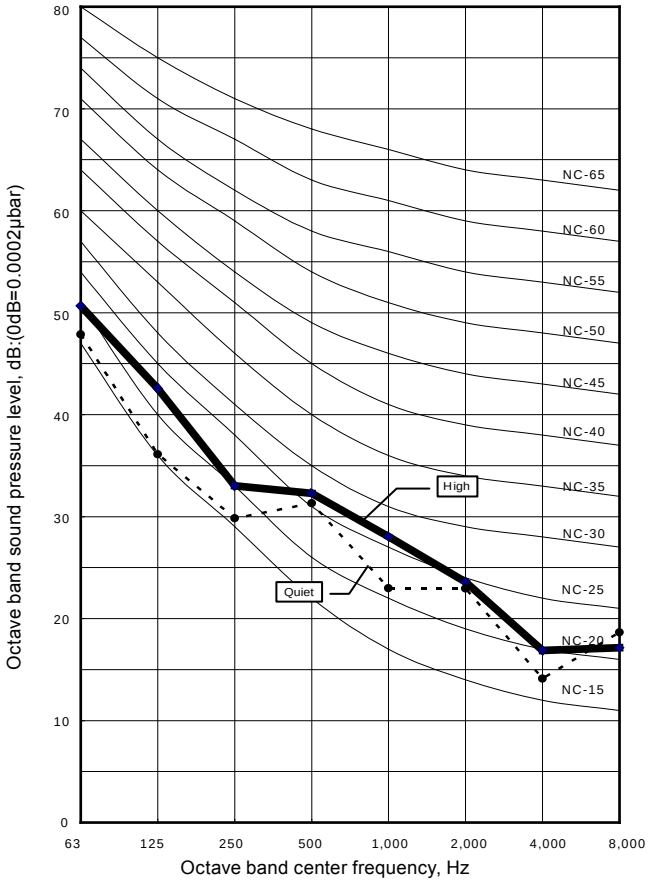
MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■MODELS : AR∗G18LLTA, AR∗G18LLTB

## ● Cooling




## ●Heating

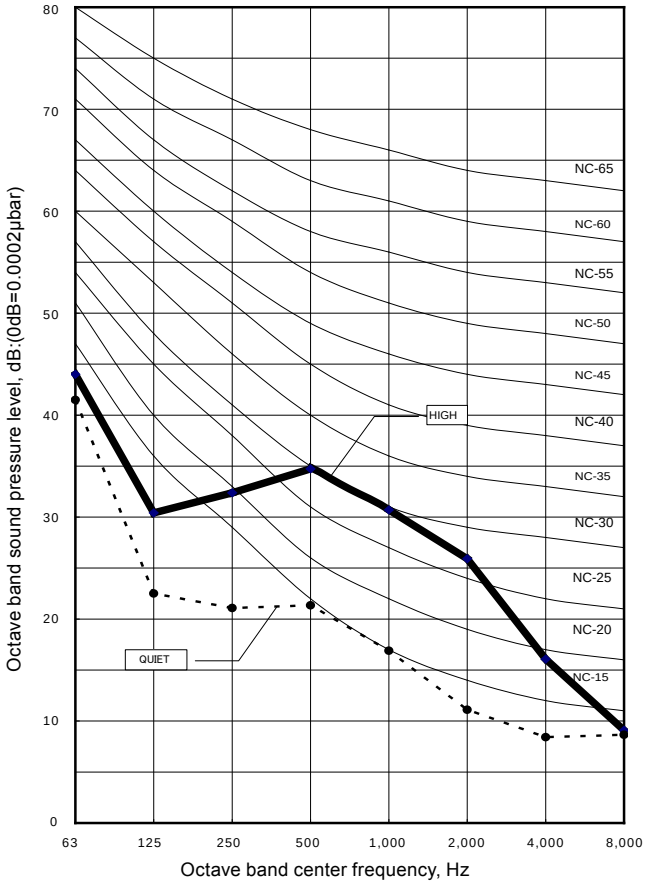


MULTI TYPE
2, 3, 4 ROOMS TYPE

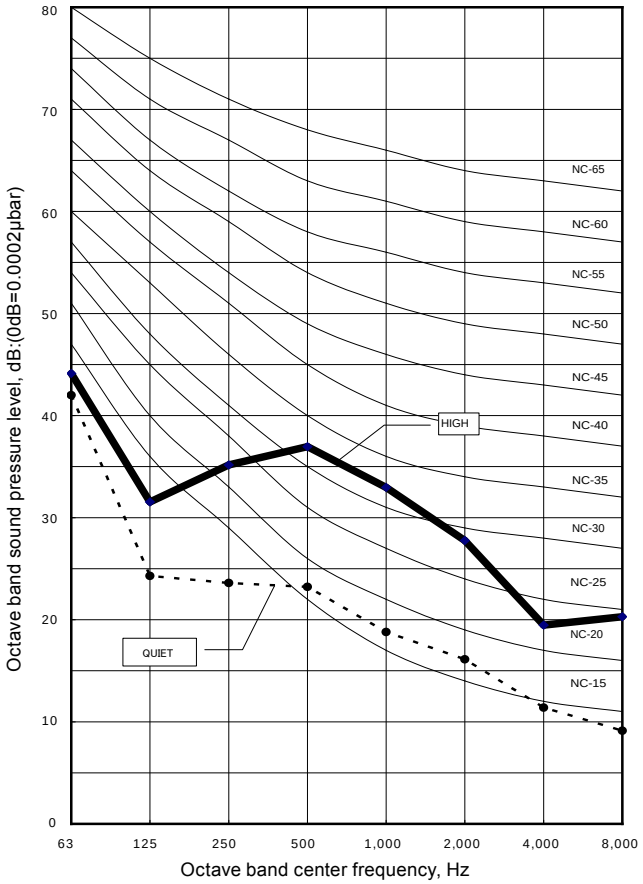
# 9-3. WALL MOUNTED TYPE

## ■ MODEL : AS∗G07LJCA

### ● Cooling

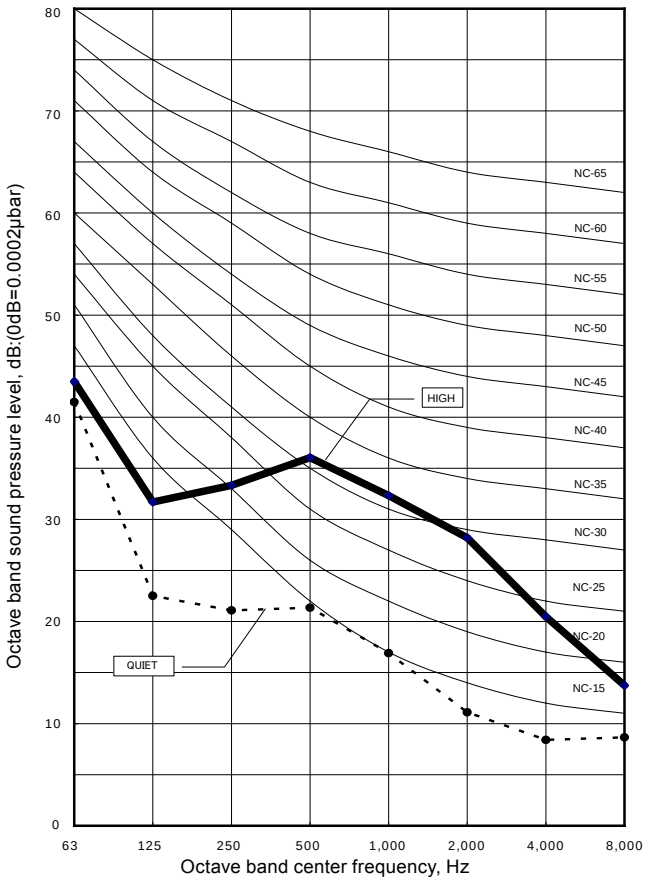



### ●Heating

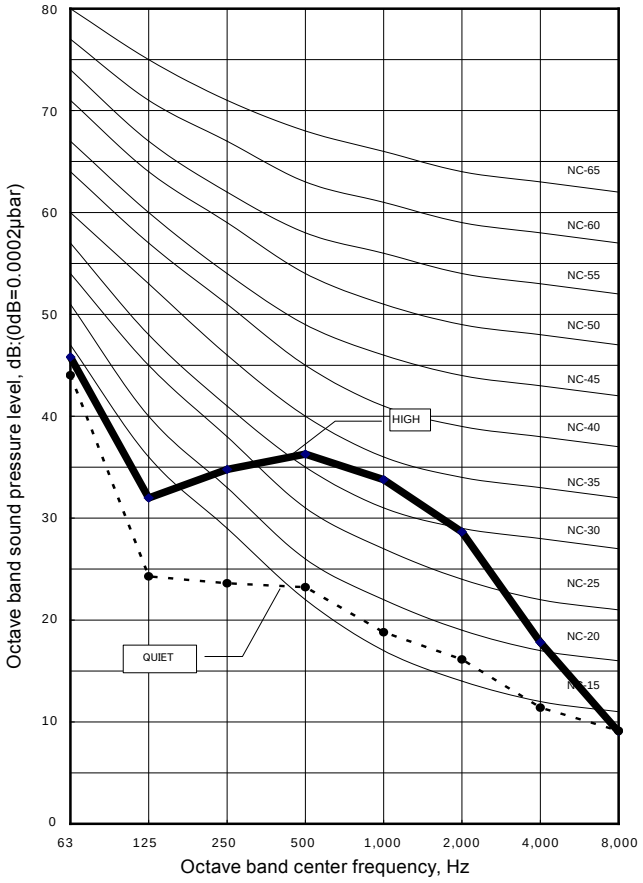



## ■ MODEL : AS∗G09LJCA

### ● Cooling



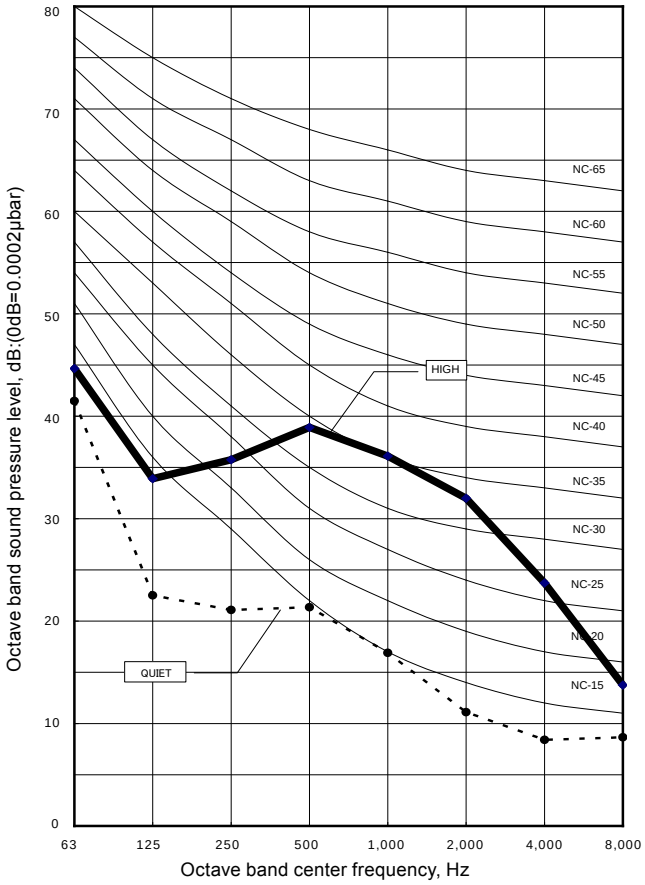

### ●Heating



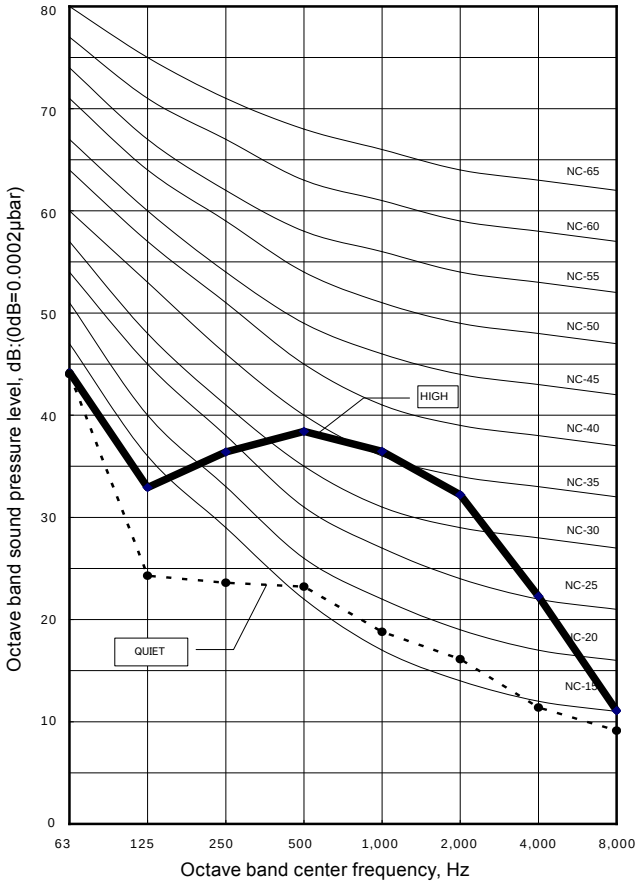
MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■MODEL : AS∗G12LJCA

## ● Cooling



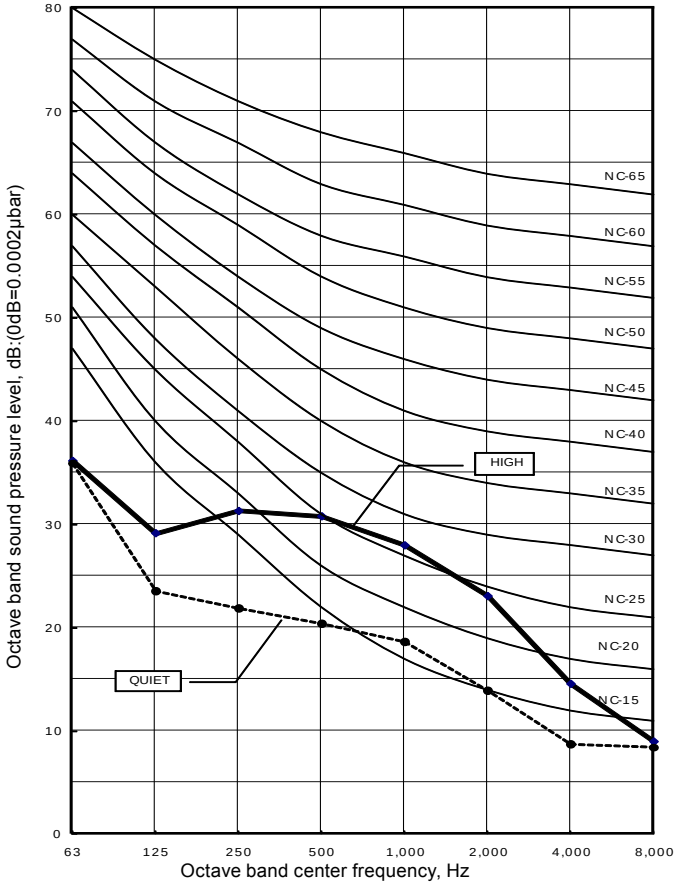

## ●Heating



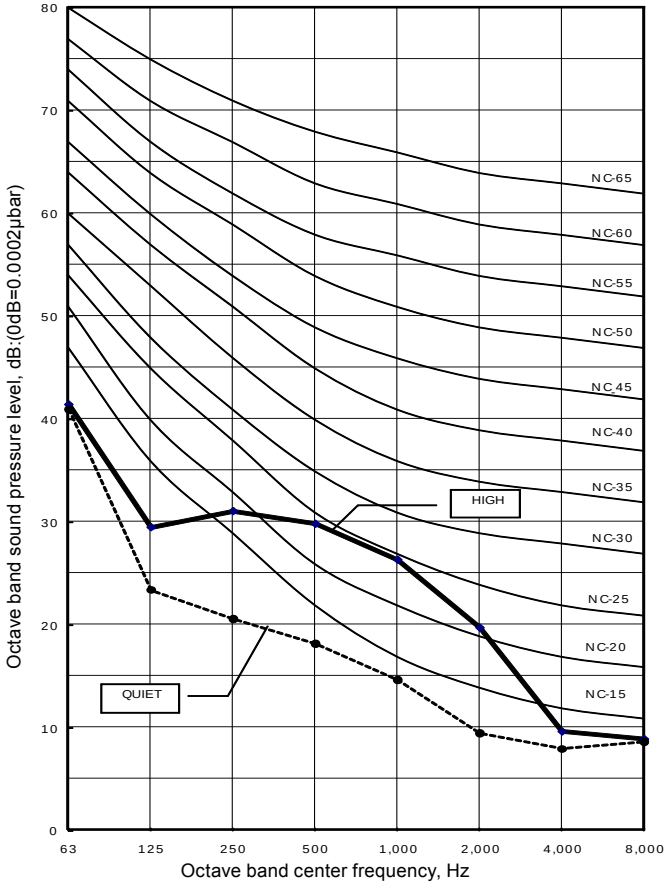
MULTI TYPE
2, 3, 4 ROOMS TYPE

## ■MODEL : AS∗G07LUCA

### ● Cooling

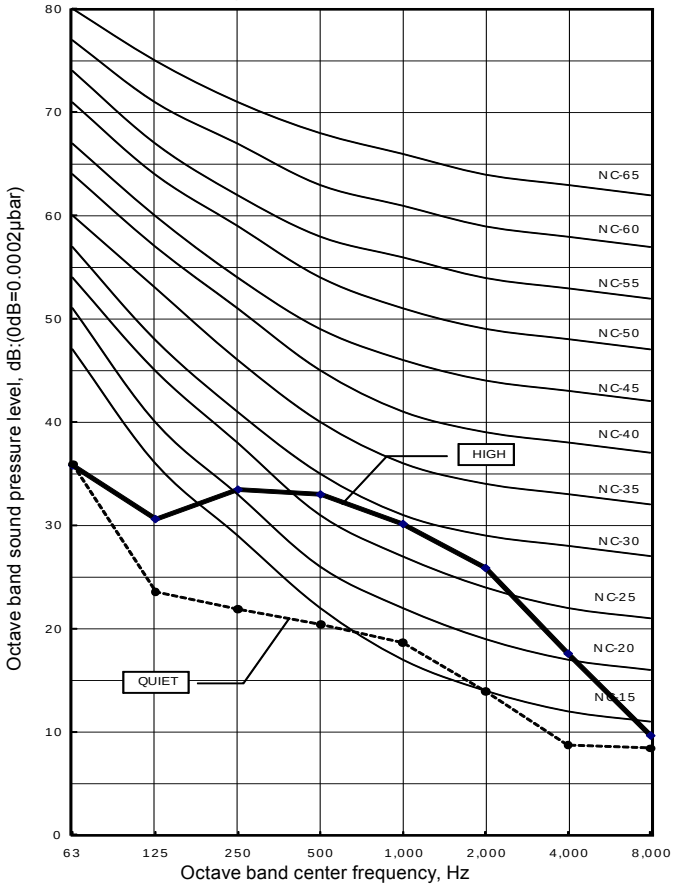



### ●Heating

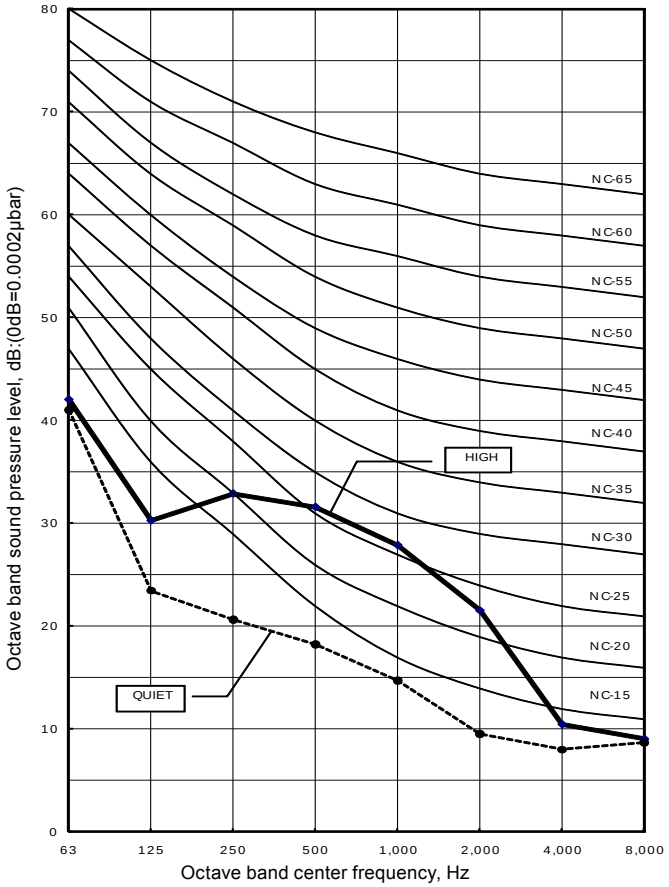



## ■MODEL : AS∗G09LUCA

### ● Cooling



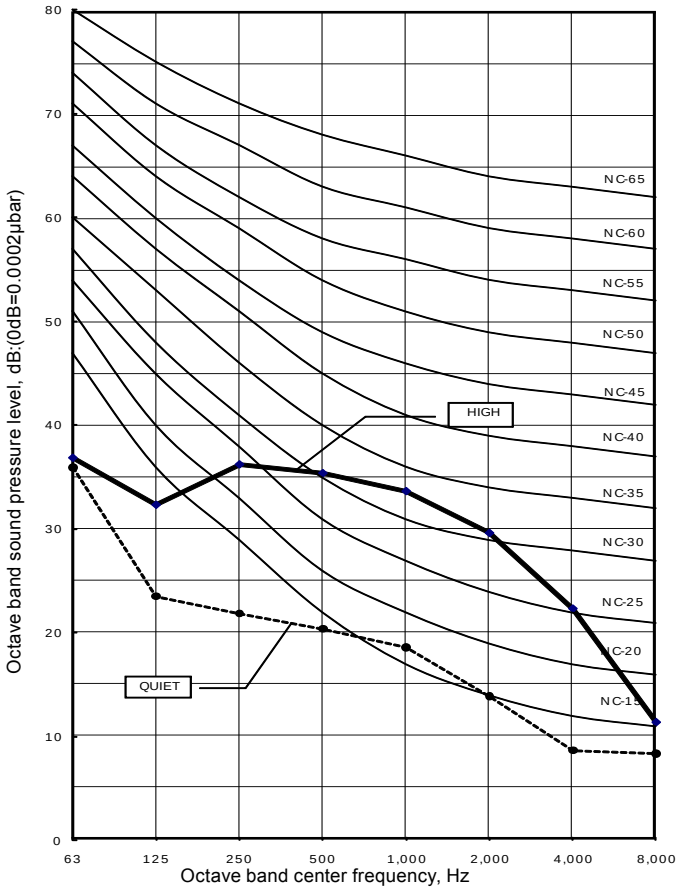

### ●Heating



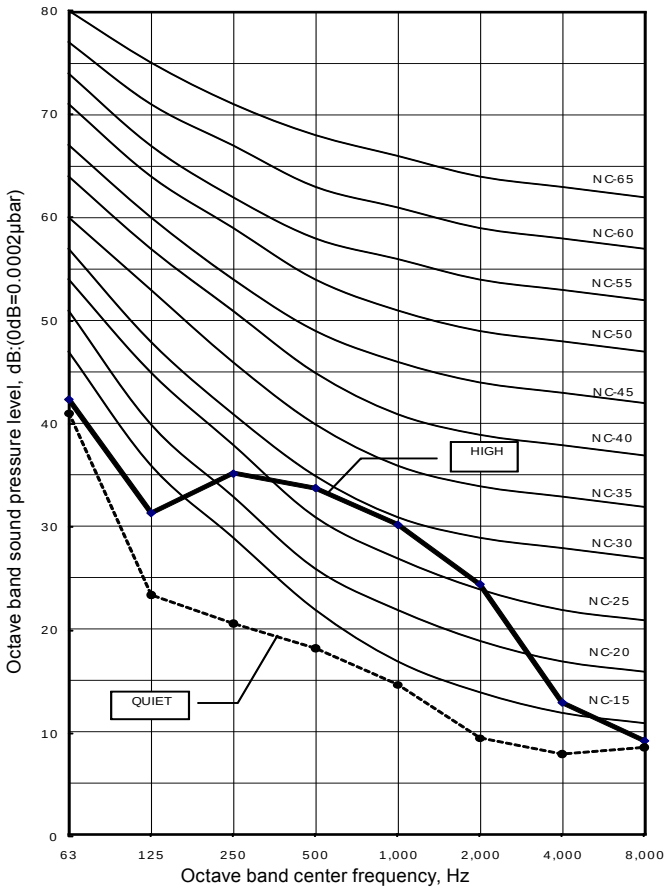
MULTI TYPE
2, 3, 4 ROOMS TYPE

## ■MODEL : AS∗G12LUCA

### ● Cooling

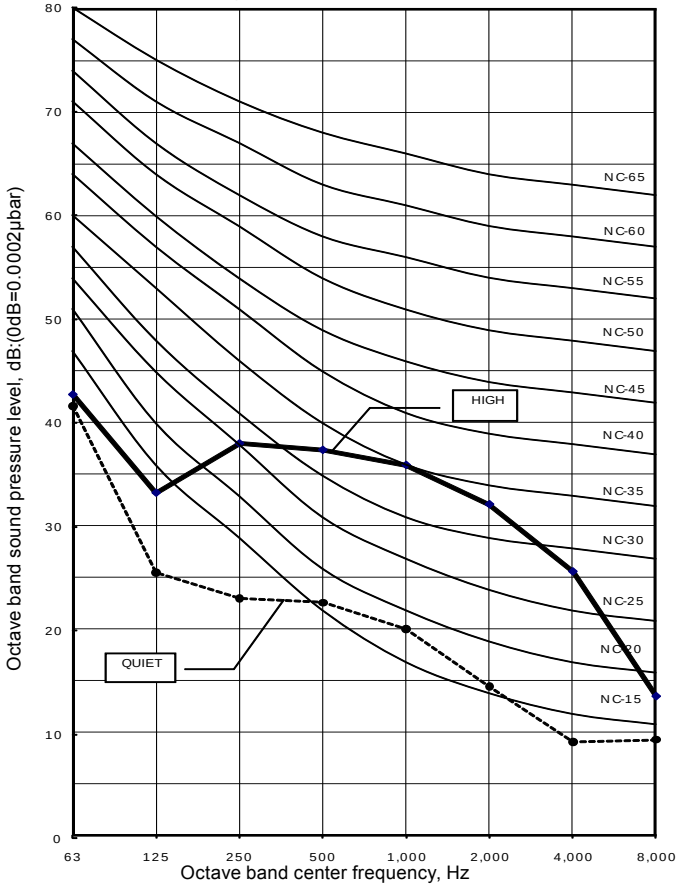



### ●Heating

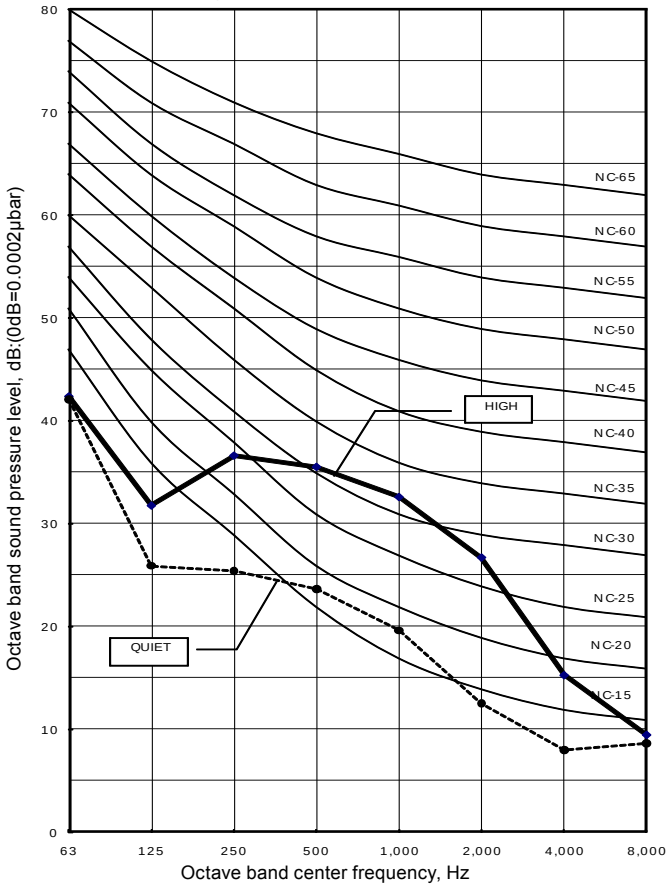



## ■MODEL : AS∗G14LUCA

### ● Cooling



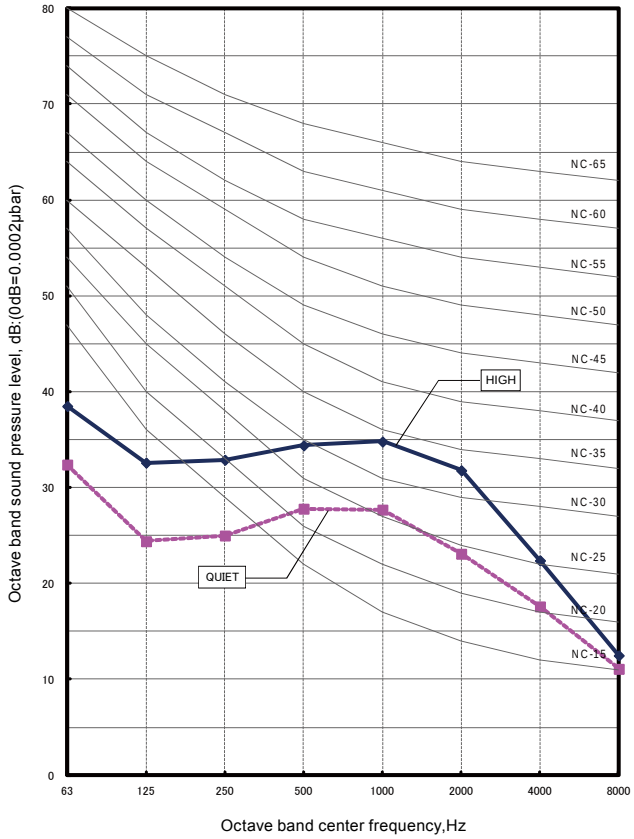

### ●Heating



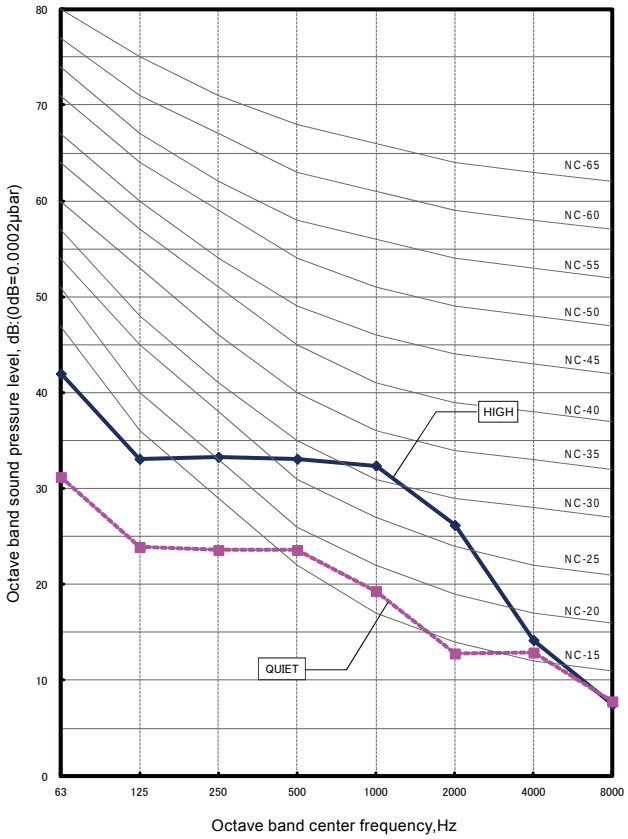
MULTI TYPE
2, 3, 4 ROOMS TYPE

## ■MODEL : AS∗G07LMCA

### ●Cooling

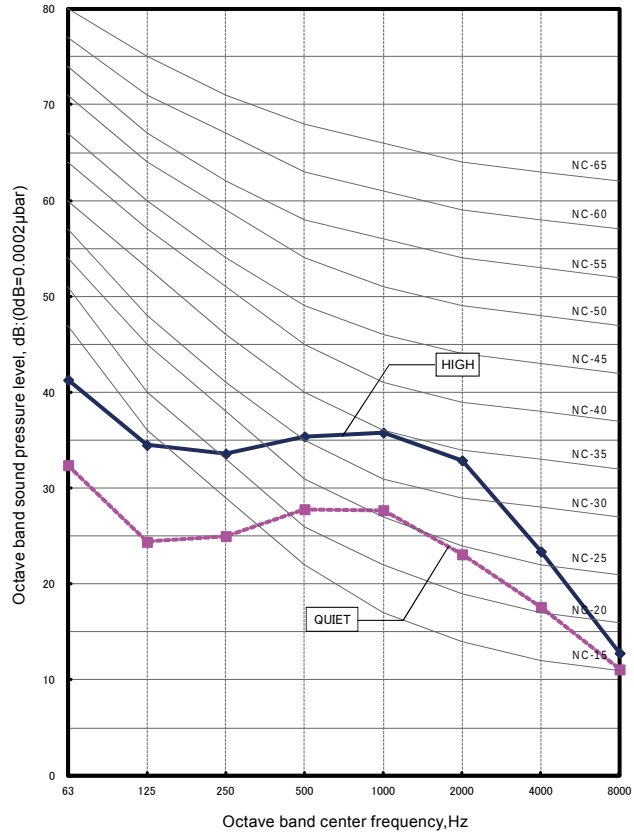



### ●Heating

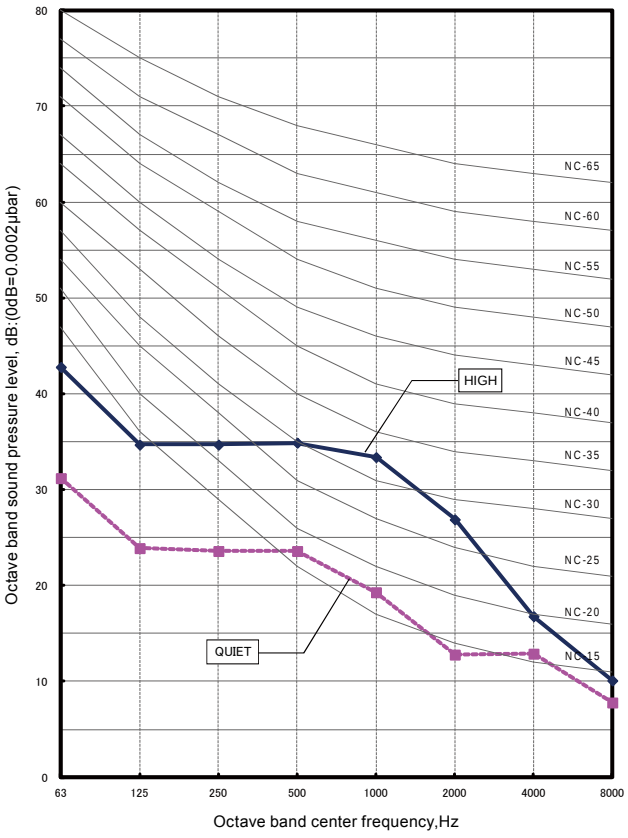



## ■MODEL : AS∗G09LMCA

### ●Cooling



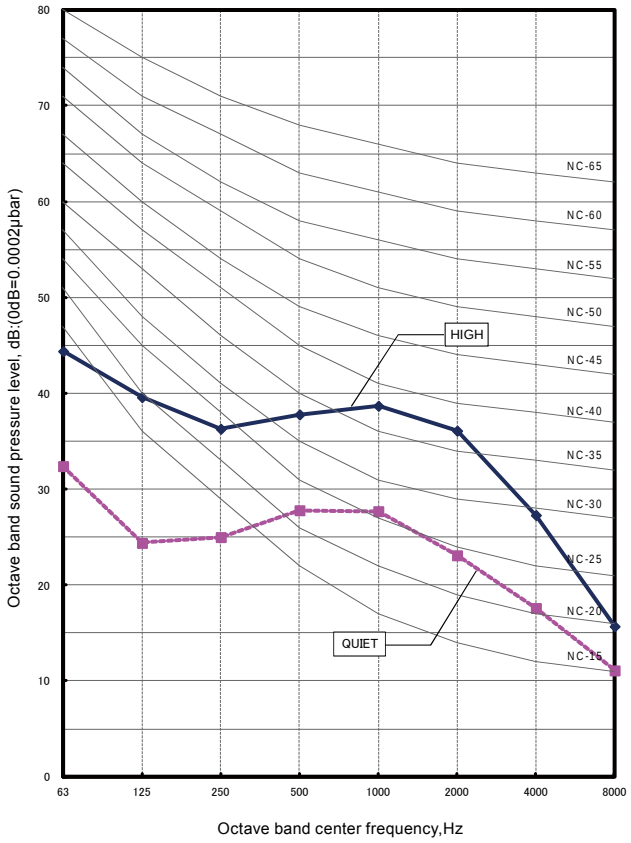

### ●Heating



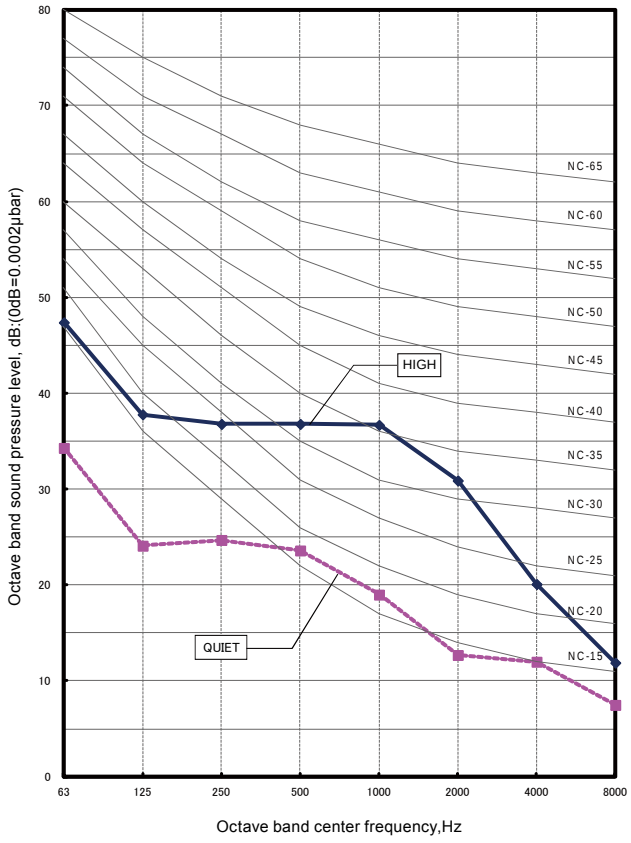
MULTI TYPE
2, 3, 4 ROOMS TYPE

## ■MODEL : AS∗G12LMCA

### ●Cooling

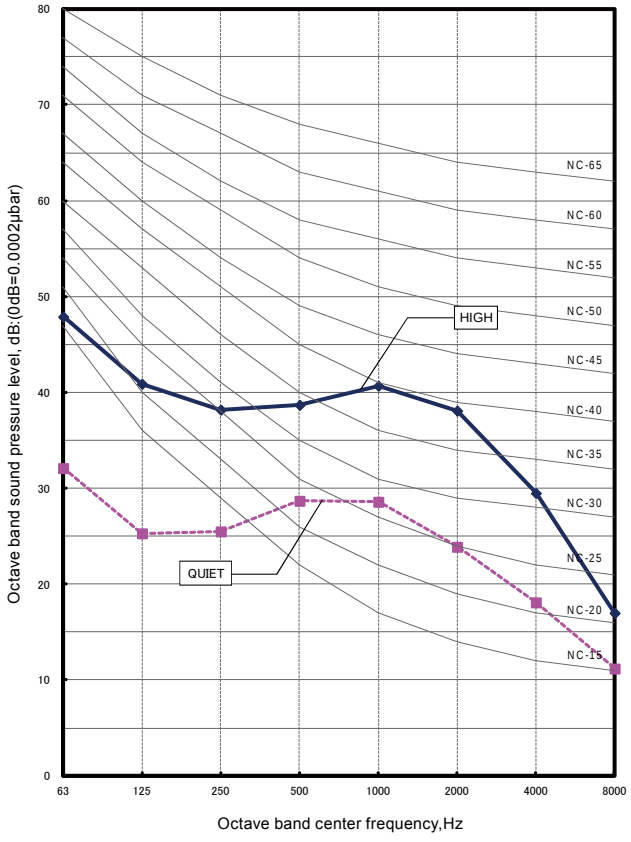



### ●Heating

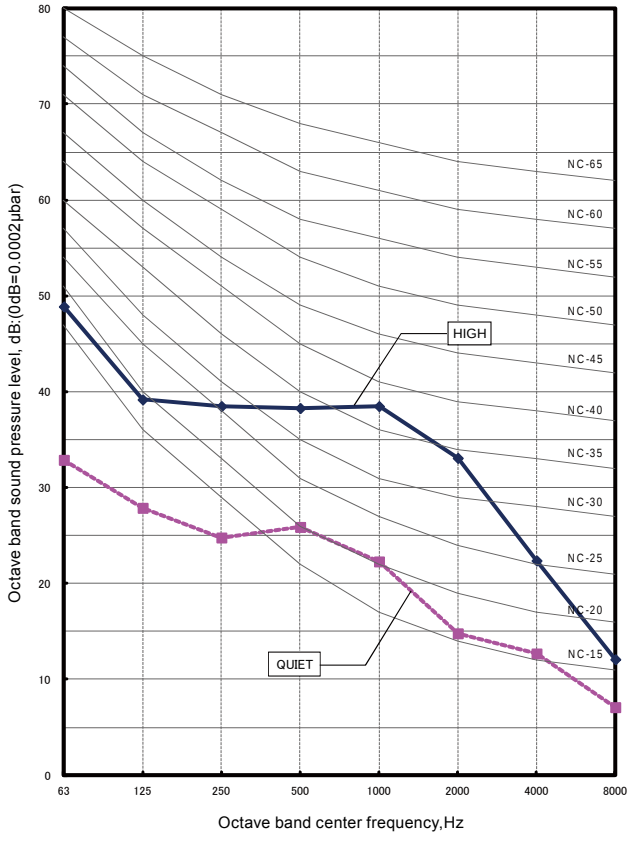



## ■MODEL : AS∗G14LMCA

### ●Cooling



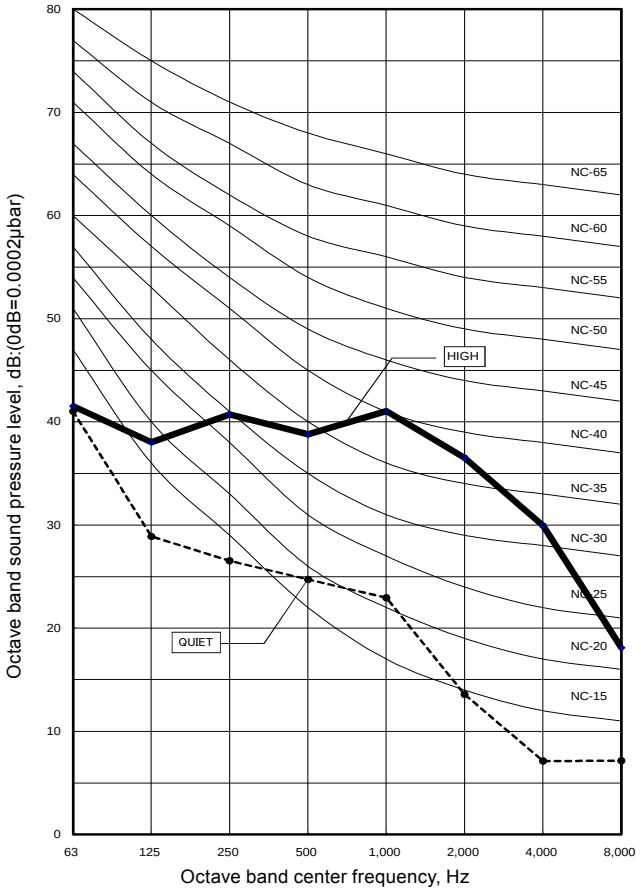

### ●Heating



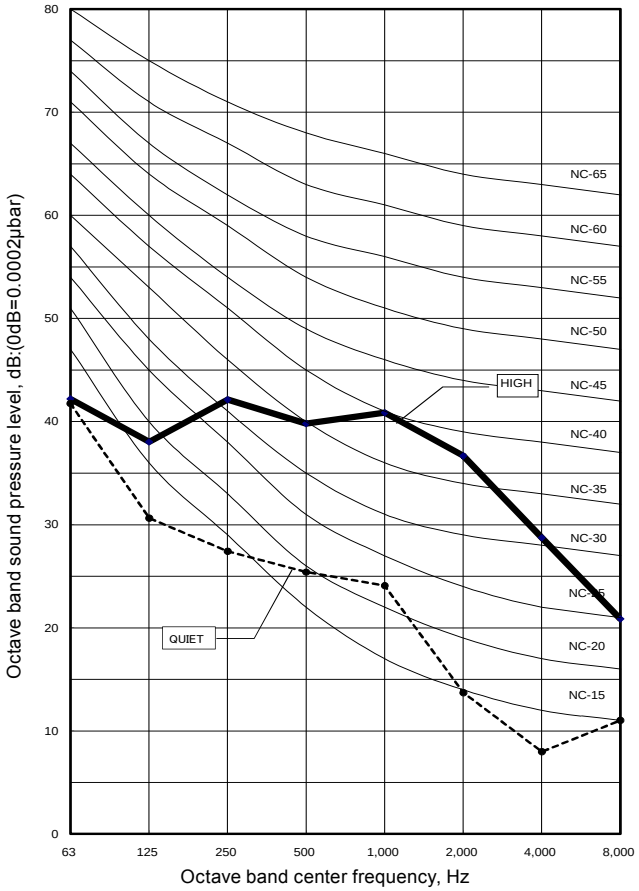
MULTI TYPE
2, 3, 4 ROOMS TYPE

## ■ MODEL : AS∗G18LFCA

### ● Cooling

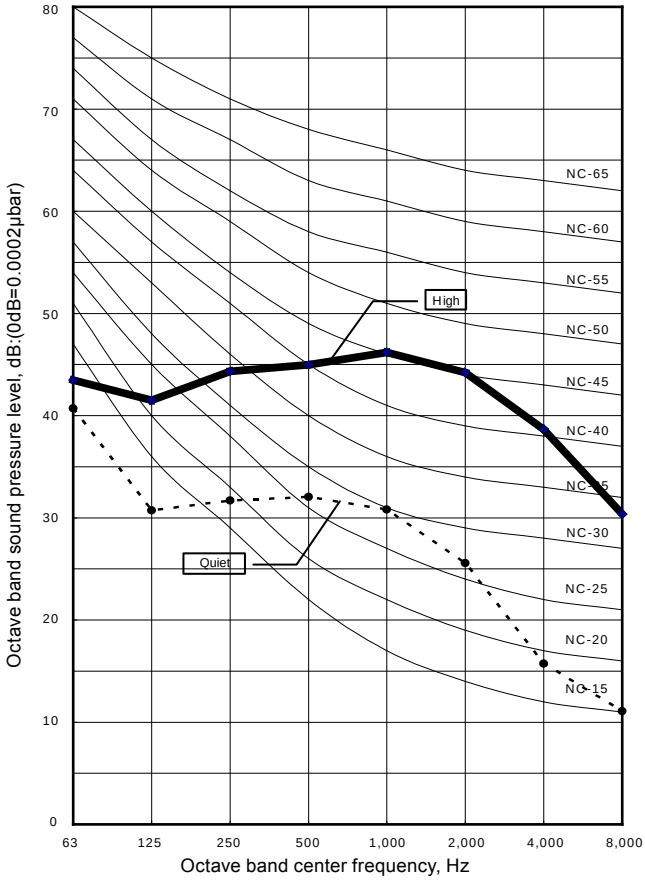



### ● Heating

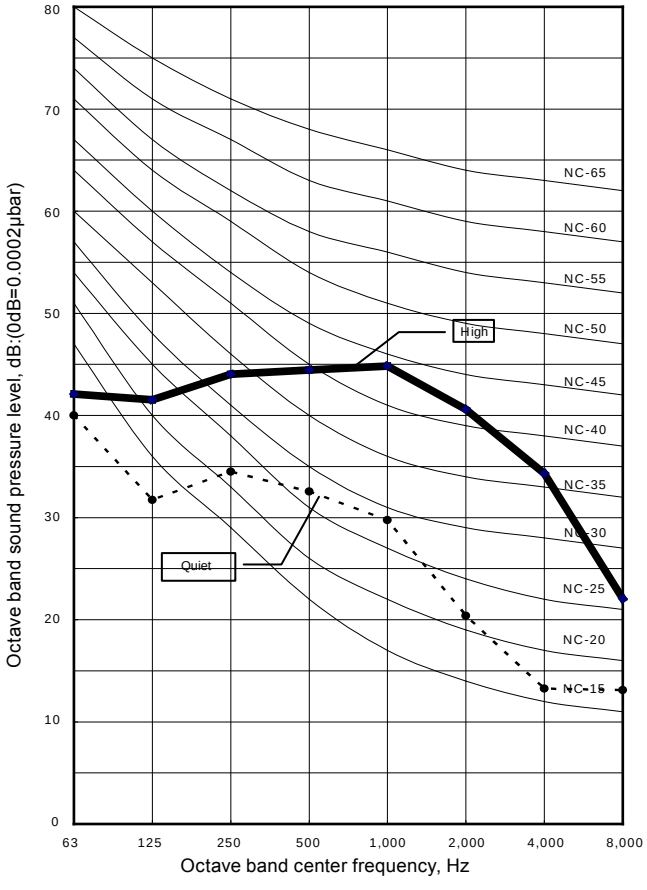



## ■ MODELS : AS∗G24LFCA, AS∗G24LFCC

### ● Cooling




### ● Heating



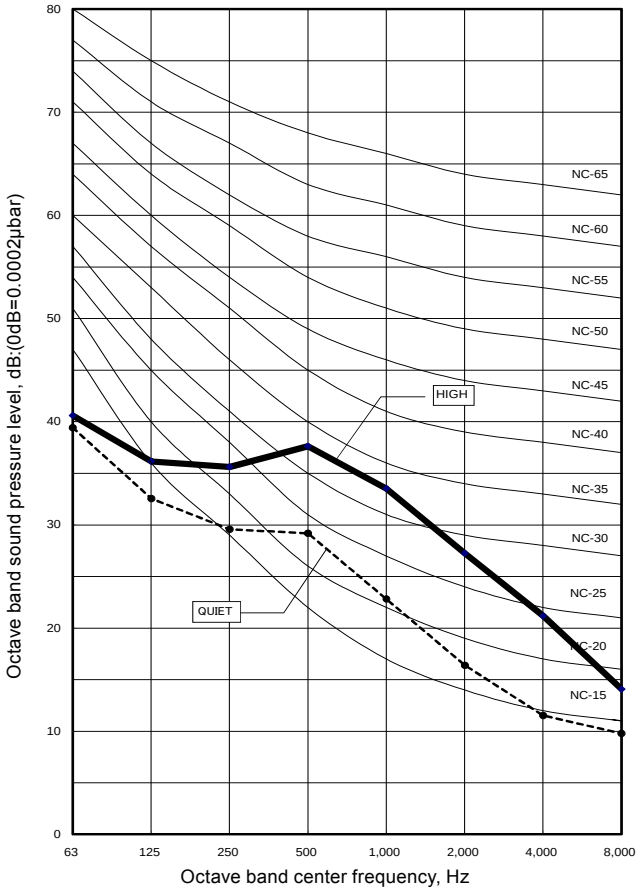
MULTI TYPE
2, 3, 4 ROOMS TYPE

# 9-4. FLOOR / CEILING TYPE

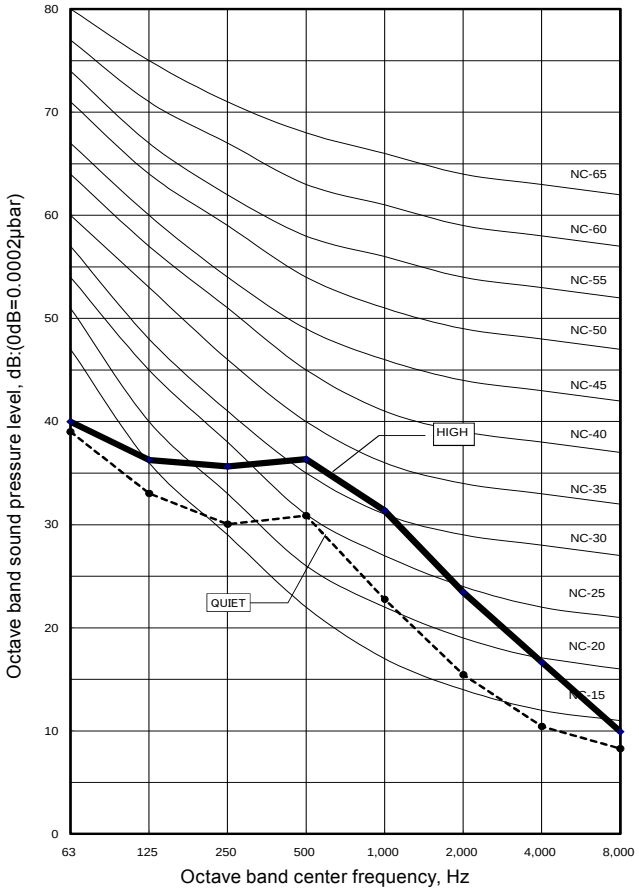
## ■ MODEL : AB*G14LVTA

NOTE:
Installation : Under ceiling

### ● Cooling



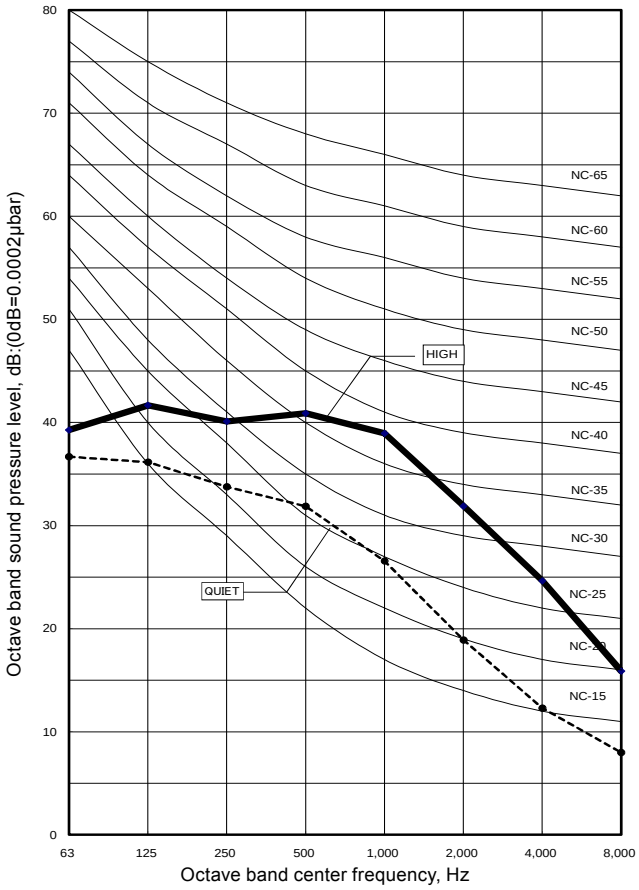

### ●Heating



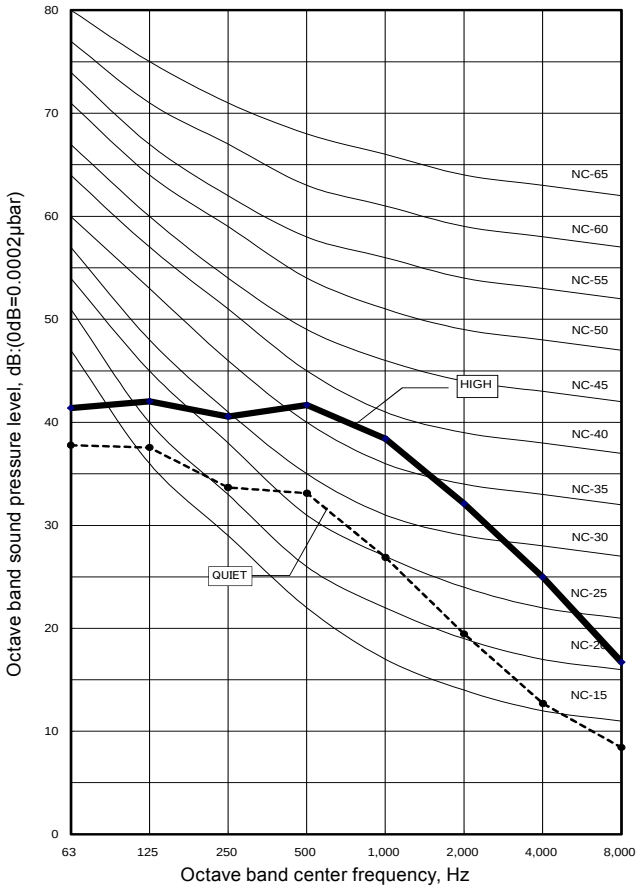

## ■ MODELS : AB*G18LVTA, AB*G18LVTB

NOTE:
Installation : Under ceiling

### ● Cooling




### ●Heating

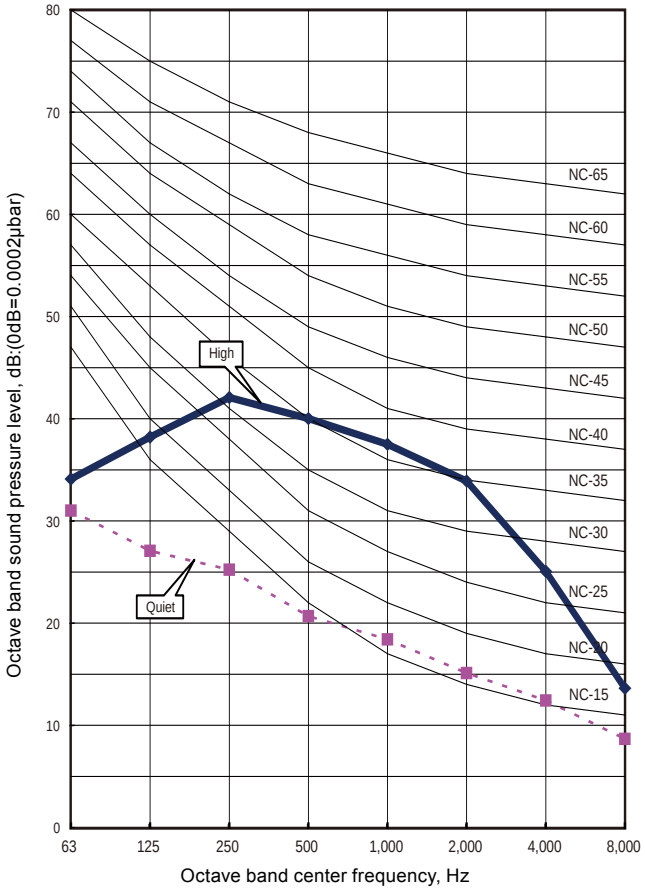


MULTI TYPE
2, 3, 4 ROOMS TYPE

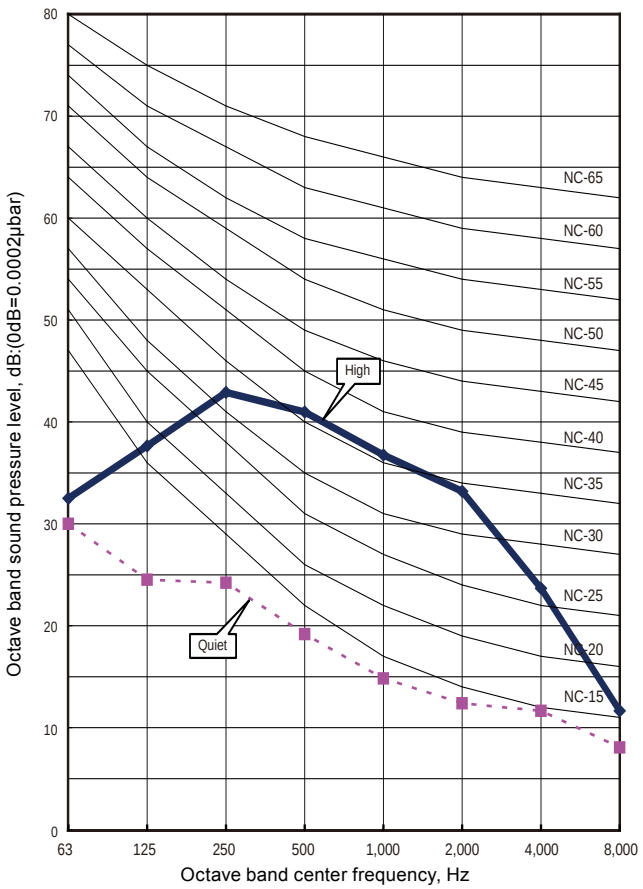
# 9-5. FLOOR TYPE

## ■ MODEL : AG*G09LVCA

### ● Cooling

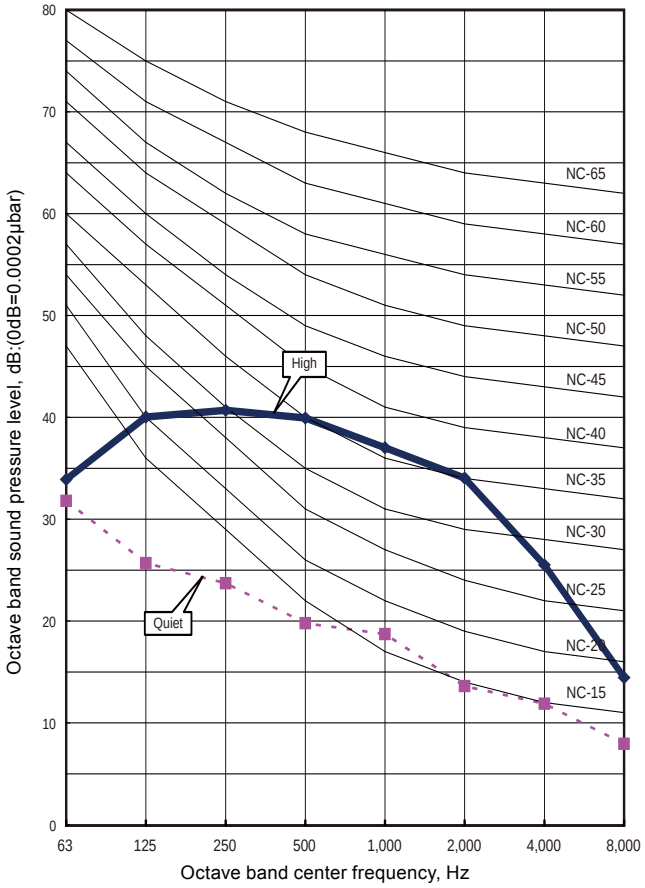



### ● Heating

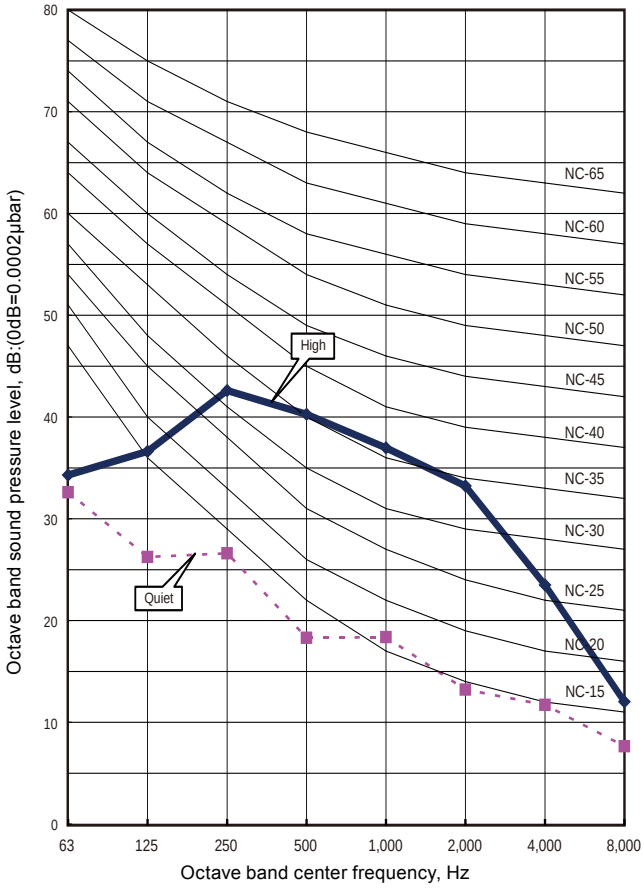



## ■ MODEL : AG*G12LVCA

### ● Cooling



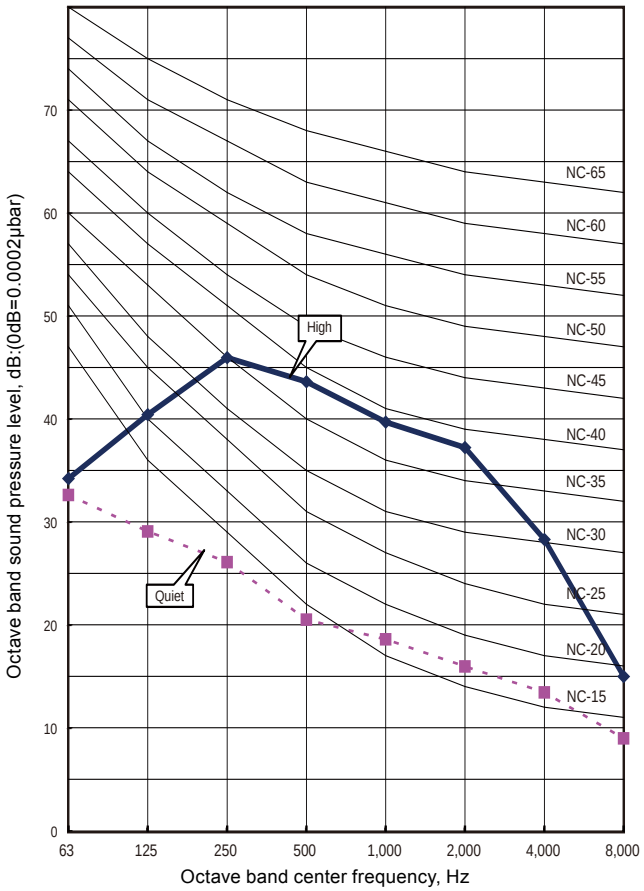

### ● Heating



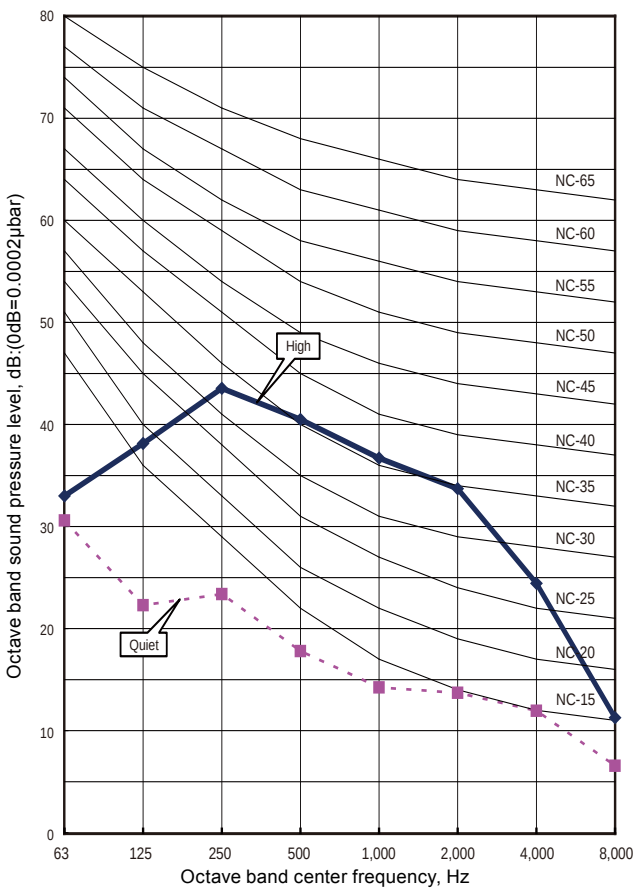
MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■MODEL : AG∗G14LVCA

## ● Cooling



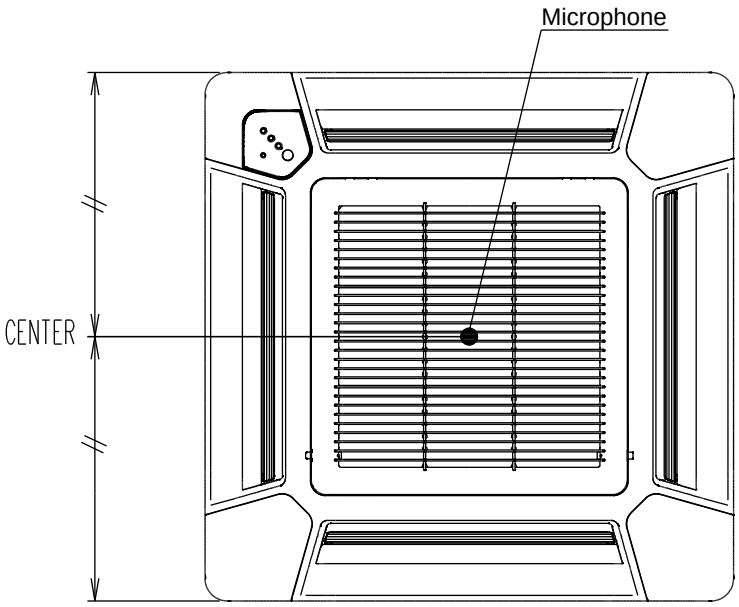

## ●Heating

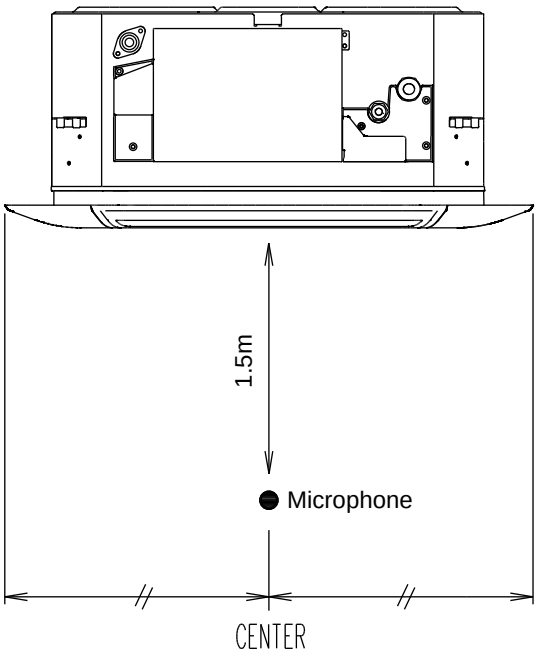


MULTI TYPE
2, 3, 4 ROOMS TYPE

# 9-6. SOUND LEVEL CHECK POINT

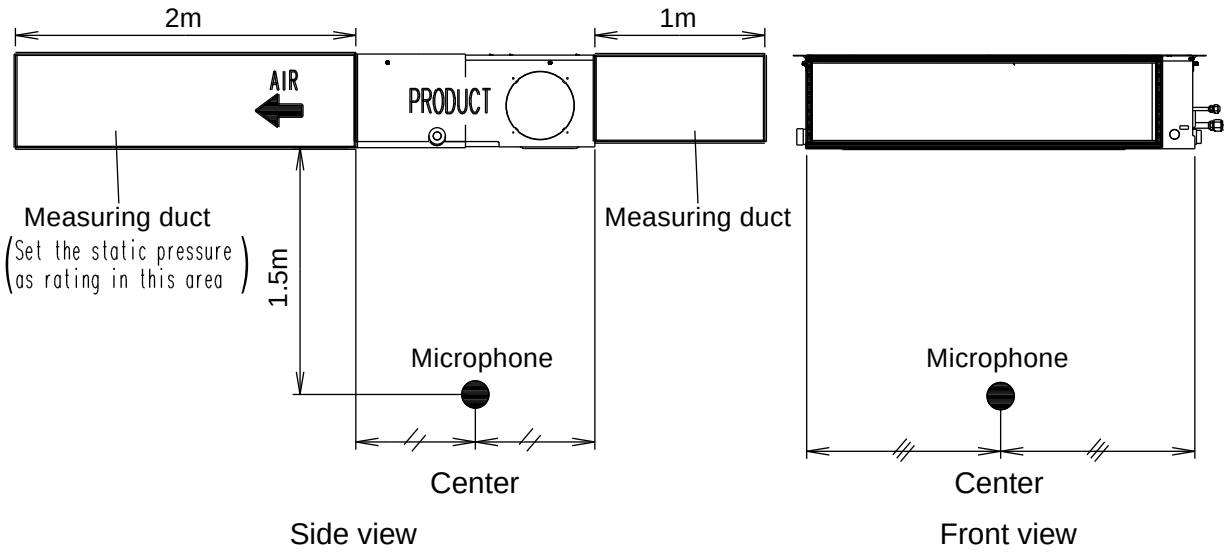
## ■ COMPACT CASSETTE TYPE



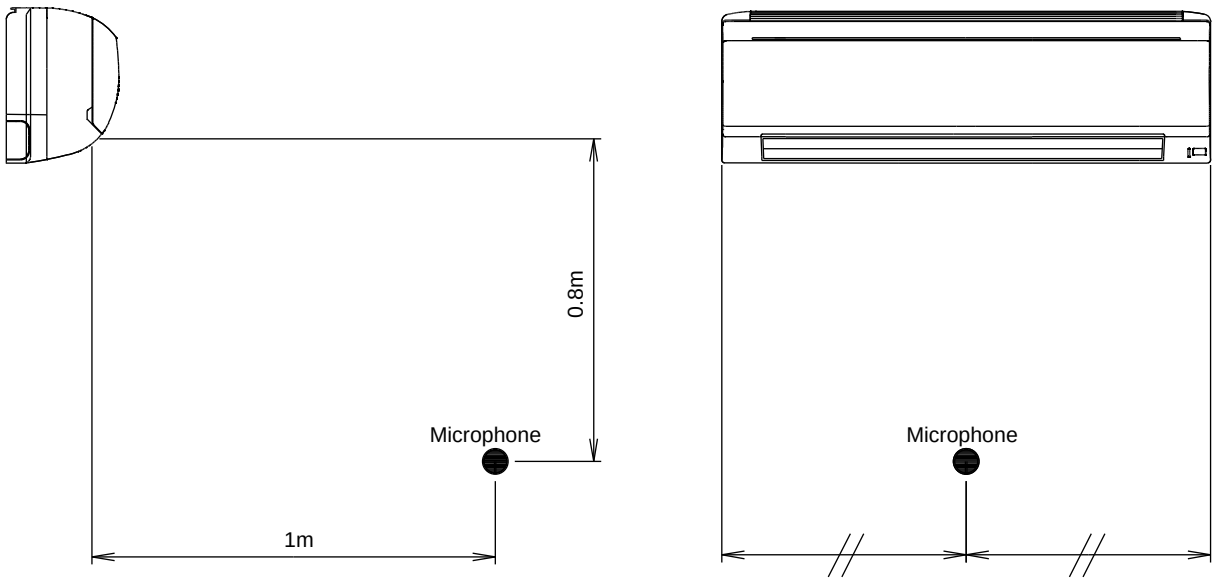



MULTI TYPE
2, 3, 4 ROOMS TYPE

## ■ SLIM DUCT TYPE



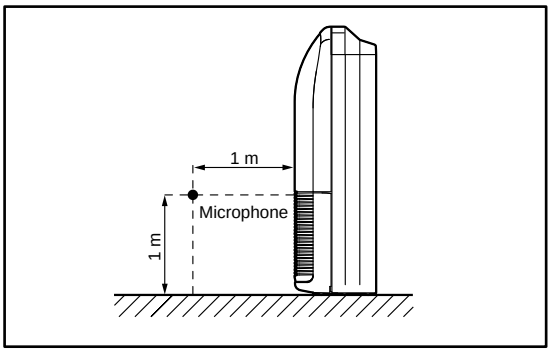

## ■ WALL MOUNTED TYPE

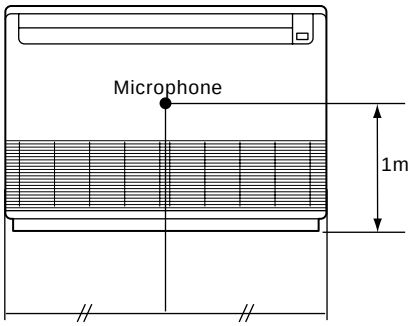


MULTI TYPE
2, 3, 4 ROOMS TYPE

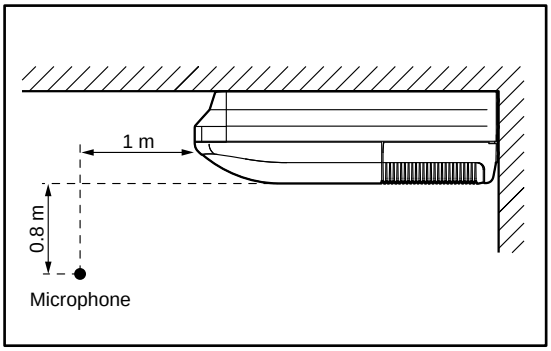
# ■ FLOOR / CEILING TYPE

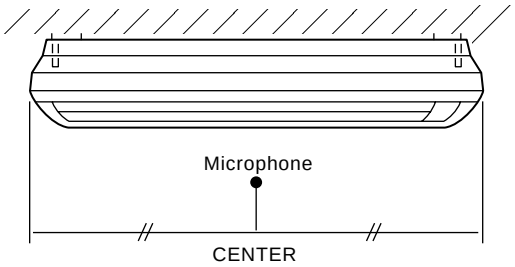
## ● Floor console



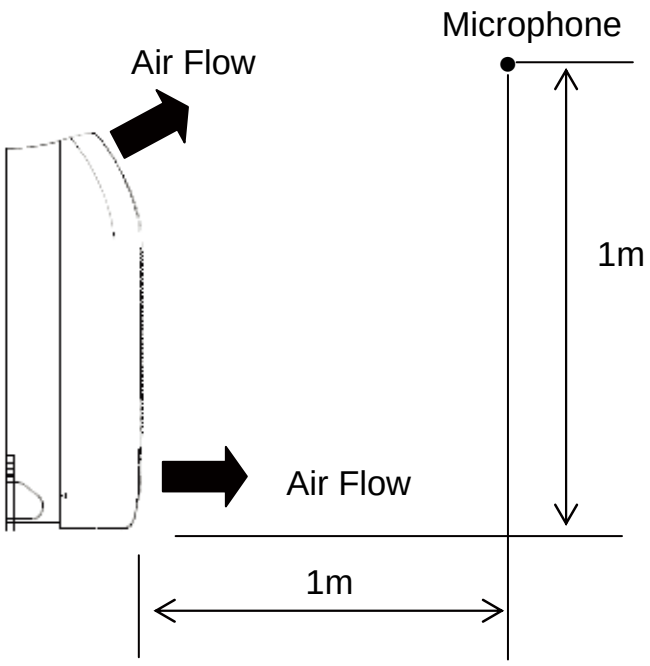



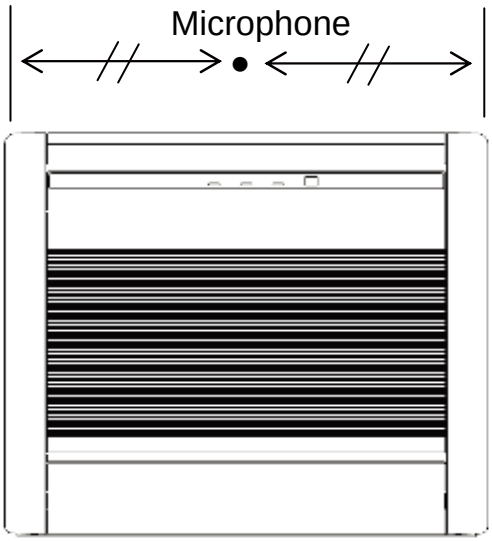

## ● Under ceiling




# ■ FLOOR TYPE



MULTI TYPE
2, 3, 4 ROOMS TYPE

# 10. ELECTRIC CHARACTERISTICS

| | | | Power Supply | | | Indoor Rated | |
|---|---|---|---|---|---|---|---|
| Type | | Model name | Hz | Voltage (V) | MCA (A) | Input Power (W) | FLA (A) |
| Compact Cassette | | AU∗G07LVLA | 50 | 230 | 0.19 | 18 | 0.15 |
| | | AU∗G09LVLA | 50 | 230 | 0.19 | 18 | 0.15 |
| | | AU∗G12LVLA<br>AU∗G12LVLB | 50 | 230 | 0.24 | 23 | 0.19 |
| | | AU∗G14LVLA<br>AU∗G14LVLB | 50 | 230 | 0.28 | 28 | 0.22 |
| | | AU∗G18LVLA<br>AU∗G18LVLB | 50 | 230 | 0.38 | 39 | 0.30 |
| Slim Duct | | AR∗G07LLTA | 50 | 230 | 0.41 | 33 | 0.33 |
| | | AR∗G09LLTA | 50 | 230 | 0.38 | 49 | 0.30 |
| | | AR∗G12LLTA<br>AR∗G12LLTB | 50 | 230 | 0.44 | 58 | 0.35 |
| | | AR∗G14LLTA<br>AR∗G14LLTB | 50 | 230 | 0.64 | 76 | 0.51 |
| | | AR∗G18LLTA<br>AR∗G18LLTB | 50 | 230 | 0.55 | 73 | 0.44 |
| Wall Mounted | LJ | AS∗G07LJCA | 50 | 230 | 0.17 | 15 | 0.13 |
| | | AS∗G09LJCA | 50 | 230 | 0.19 | 17 | 0.15 |
| | | AS∗G12LJCA | 50 | 230 | 0.24 | 22 | 0.19 |
| | LU | AS∗G07LUCA | 50 | 230 | 0.16 | 13 | 0.13 |
| | | AS∗G09LUCA | 50 | 230 | 0.18 | 16 | 0.14 |
| | | AS∗G12LUCA | 50 | 230 | 0.21 | 19 | 0.17 |
| | | AS∗G14LUCA | 50 | 230 | 0.25 | 23 | 0.20 |
| | LM | AS∗G07LMCA | 50 | 230 | 0.16 | 15 | 0.13 |
| | | AS∗G09LMCA | 50 | 230 | 0.19 | 17 | 0.15 |
| | | AS∗G12LMCA | 50 | 230 | 0.24 | 22 | 0.19 |
| | | AS∗G14LMCA | 50 | 230 | 0.31 | 28 | 0.25 |
| | LF | AS∗G18LFCA | 50 | 230 | 0.41 | 37 | 0.33 |
| | | AS∗G24LFCA<br>AS∗G24LFCC | 50 | 230 | 0.66 | 69 | 0.53 |
| Floor / Ceiling | | AB∗G14LVTA | 50 | 230 | 0.26 | 26 | 0.21 |
| | | AB∗G18LVTA<br>AB∗G18LVTB | 50 | 230 | 0.45 | 47 | 0.36 |
| Floor | | AG∗G09LVCA | 50 | 230 | 0.19 | 16 | 0.15 |
| | | AG∗G12LVCA | 50 | 230 | 0.23 | 20 | 0.18 |
| | | AG∗G14LVCA | 50 | 230 | 0.25 | 23 | 0.20 |

| | | | |
|---|---|---|---|
| Wiring Spec. (Indoor unit to outdoor unit) | Connection cable | $mm^2$ | 1.5 |
| | Limited wiring length | m | 26 |

MCA : Min Circuit Amps = Max Operating Current (Full Load).

FLA : Full Load Amps (Fan Motor)

MULTI TYPE
2, 3, 4 ROOMS TYPE

# 11. SAFETY DEVICES

| Model and type | | | PCB fuse | Fan motor thermal protector | Terminal thermal fuse | Float switch |
|---|---|---|---|---|---|---|
| Compact Cassette | | AU∗G07LVLA | 250V 3.15A | 130 +17°C -9°C | — | ○ |
| | | AU∗G09LVLA | | | | |
| | | AU∗G12LVLA AU∗G12LVLB | | | | |
| | | AU∗G14LVLA AU∗G14LVLB | | | | |
| | | AU∗G18LVLA AU∗G18LVLB | | | | |
| Slim Duct | | AR∗G07LLTA | 250V 3.15A | 135 ± 15°C | — | ○ |
| | | AR∗G09LLTA | | | | |
| | | AR∗G12LLTA AR∗G12LLTB | | | | |
| | | AR∗G14LLTA AR∗G14LLTB | | | | |
| | | AR∗G18LLTA AR∗G18LLTB | | | | |
| Wall Mounted | LJ | AS∗G07LJCA | 250V 3.15A | 120 ± 15°C | 102°C OFF | — |
| | | AS∗G09LJCA | | | | |
| | | AS∗G12LJCA | | | | |
| | LU | AS∗G07LUCA | 250V 3.15A | 120 ± 15°C | 102°C OFF | — |
| | | AS∗G09LUCA | | | | |
| | | AS∗G12LUCA | | | | |
| | | AS∗G14LUCA | | | | |
| | LM | AS∗G07LMCA | 250V 3.15A | 160 ± 25°C | — | — |
| | | AS∗G09LMCA | | | | |
| | | AS∗G12LMCA | | | | |
| | | AS∗G14LMCA | | | | |
| | LF | AS∗G18LFCA | 250V 3.15A | 150 ± 15°C | 102°C OFF | — |
| | | AS∗G24LFCA AS∗G24LFCC | | | | |
| Floor / Ceiling | | AB∗G14LVTA | 250V 3.15A | 135 ± 15°C | — | — |
| | | AB∗G18LVTA AB∗G18LVTB | | | | |
| Floor | | AG∗G09LVCA | 250V 3.15A | 150 ± 15°C | 102°C OFF | — |
| | | AG∗G12LVCA | | | | |
| | | AG∗G14LVCA | | | | |

MULTI TYPE
2, 3, 4 ROOMS TYPE

# 12. EXTERNAL INPUT & OUTPUT

| Indoor unit type | EXTERNAL INPUT | EXTERNAL OUTPUT | | | |
|---|---|---|---|---|---|
| | Control input | Operation status output | Fresh air control output | Auxiliary heater output | Error status output |
| Compact Cassette | ● | ● | ● | - | - |
| Slim Duct | ● | ● | ● | ● | - |
| Wall Mounted | ● | ● | - | - | ● (LU / LM types) |
| Floor / Ceiling | ● | ● | - | - | - |
| Floor | ● | ● | - | - | - |

# 12-1. EXTERNAL INPUT

## ■ CONTROL INPUT (Operation/Stop or Forced stop)

| | Compact Cassette | Slim Duct | Wall Mounted | | | Floor / Ceiling | Floor |
|---|---|---|---|---|---|---|---|
| | | | LJ | LU / LM | LF | | |
| Connector | CN102 | CN102 | CN303 | CNA01 | CN14 | CN102 | CN14 |

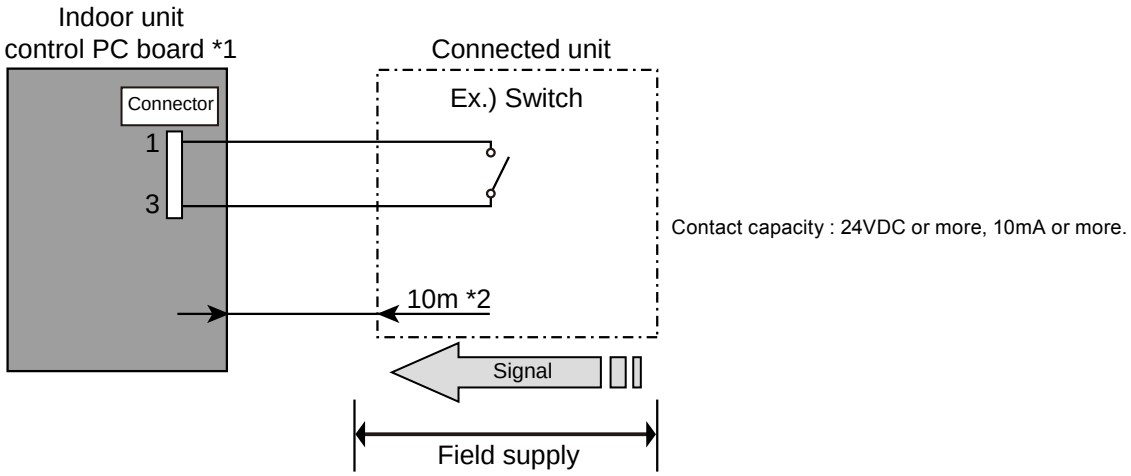
The air conditioner can be remotely operated by means of the following on-site work.

"Operation/Stop" mode or "Forced stop" mode can be selected with function setting of indoor unit.

Unit operation is started at the following contents by adding the contact input of a commercial ON/OFF switch to a connector on the external control PC board and turning it ON.

| Unit operation | Initial setting after power is ON | Starting mode other than initial setting |
|---|---|---|
| Operation mode | Auto changeover | Mode at previous operation |
| Set temperature | 24°C | Temperature at previous operation |
| Airflow mode | AUTO | Mode at previous operation |
| Up-down air direction (swing) | Standard air direction (swing OFF) | Air direction at previous operation |
| Left-right air direction (swing) | Standard air direction (swing OFF) | Air direction at previous operation |

### ● Circuit diagram example



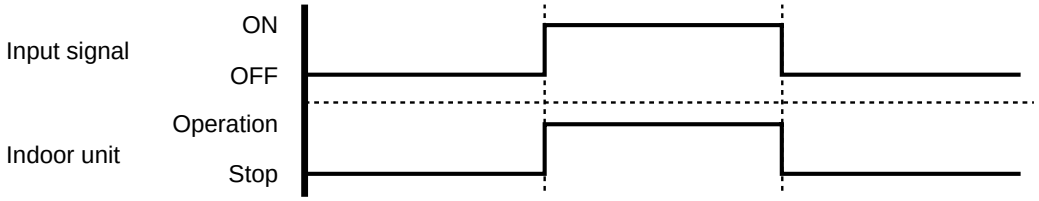

*1 PC board of Communication kit is used for Wall mounted type (LJ, LU, LM).

*2 Make the distance from the PC board to the connected unit within 10m.

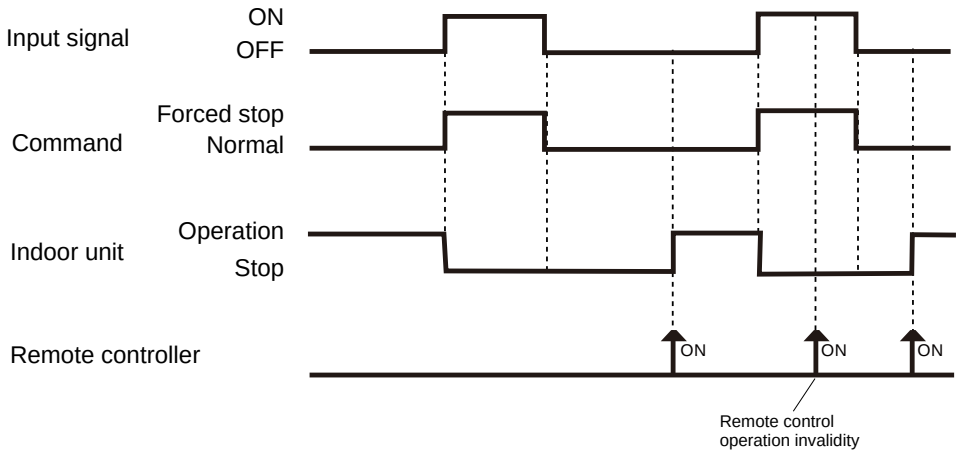
| Indoor unit type | | 1 Pin (Polarity) | 3 Pin (Polarity) |
|---|---|---|---|
| Compact Cassette | | - | + |
| Slim Duct | | - | + |
| Wall Mounted | LJ | + | - |
| | LU | - | + |
| | LM | - | + |
| | LF | - | + |
| Floor / Ceiling | | - | + |
| Floor | | - | + |

MULTI TYPE
2, 3, 4 ROOMS TYPE

● When function setting is in "Operation/Stop" mode

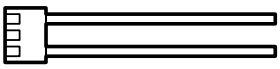



● When function setting is in "Forced stop" mode




## ● Parts (Optional)

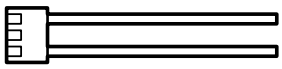
| | Compact Cassette | Slim Duct | Wall Mounted | | | Floor / Ceiling | Floor |
|---|---|---|---|---|---|---|---|
| | | | LJ | LU / LM | LF | | |
| Parts name | External connect kit | | | | | | |
| Model name | UTY-XWZX | UTD-ECS5A | UTY-XWZX | UTY-XWZXZ5 | UTY-XWZX | | |



(UTY-XWZX)



(UTD-ECS5A)



(UTY-XWZXZ5)

| | Compact Cassette | Slim Duct | Wall Mounted | | | | Floor / Ceiling | Floor |
|---|---|---|---|---|---|---|---|---|
| | | | LJ | LU | LM | LF | | |
| Parts name | - | - | Communication kit | | | - | - | - |
| Model name | - | - | UTY-XCBXZ1 | UTY-TWBXF | UTY-XCBXZ2 | - | - | - |

*For operating the EXTERNAL INPUT function, the Wall mounted type (LJ, LU, LM) requires the communication kit (UTY-XCBXZ1, UTY-TWBXF, UTY-XCBXZ2) in addition to the wire (UTY-XWZX, UTY-XWZXZ5).

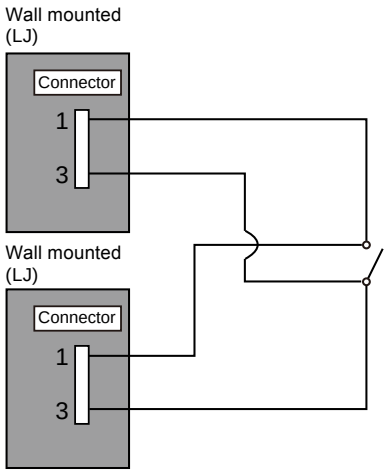
MULTI TYPE
2, 3, 4 ROOMS TYPE

## ● Caution

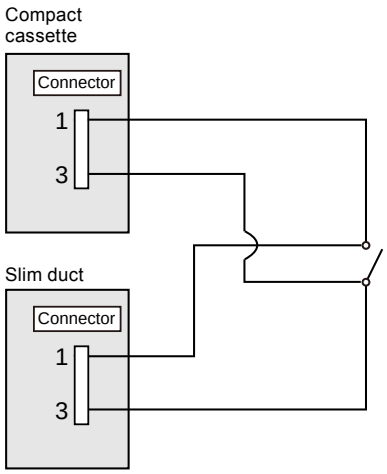
Do not connect the input terminals of the Wall mounted units (LJ type) to other types of indoor units.

Connect pin of the same number because there is a polarity in connector.

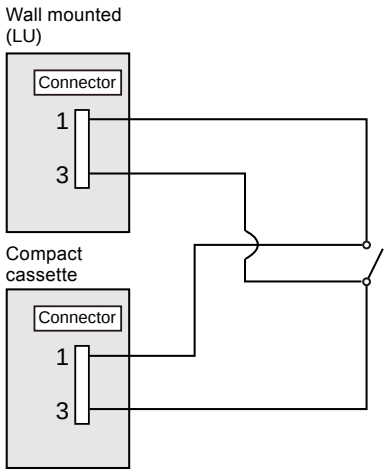
**●Example 1 (OK)**



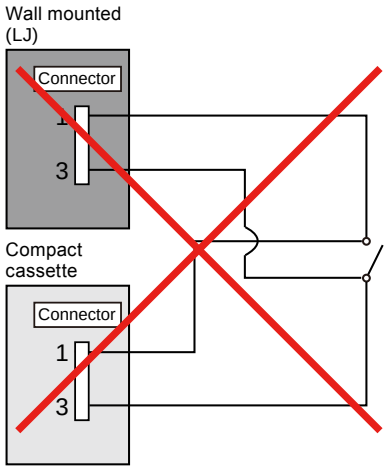

**●Example 2 (OK)**



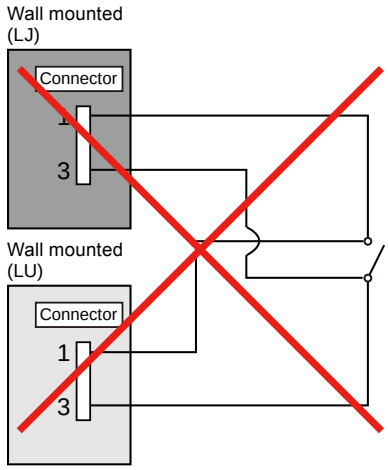

**●Example 3 (OK)**



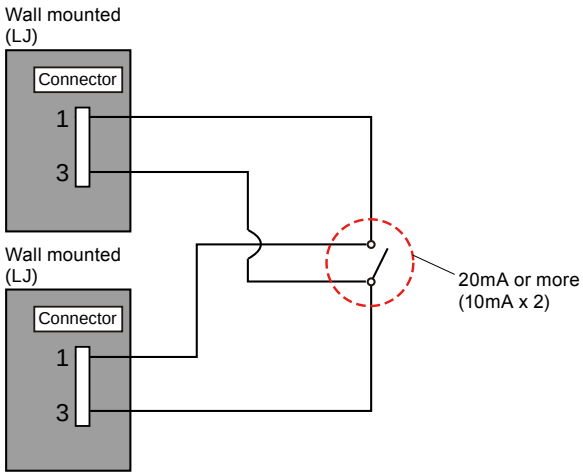

**●Example 4 (Prohibited)**




**●Example 5 (Prohibited)**




Note the contact capacity when connecting it with two or more indoor units.
Secure the contact capacity per one indoor unit of 10mA or more.



MULTI TYPE
2, 3, 4 ROOMS TYPE

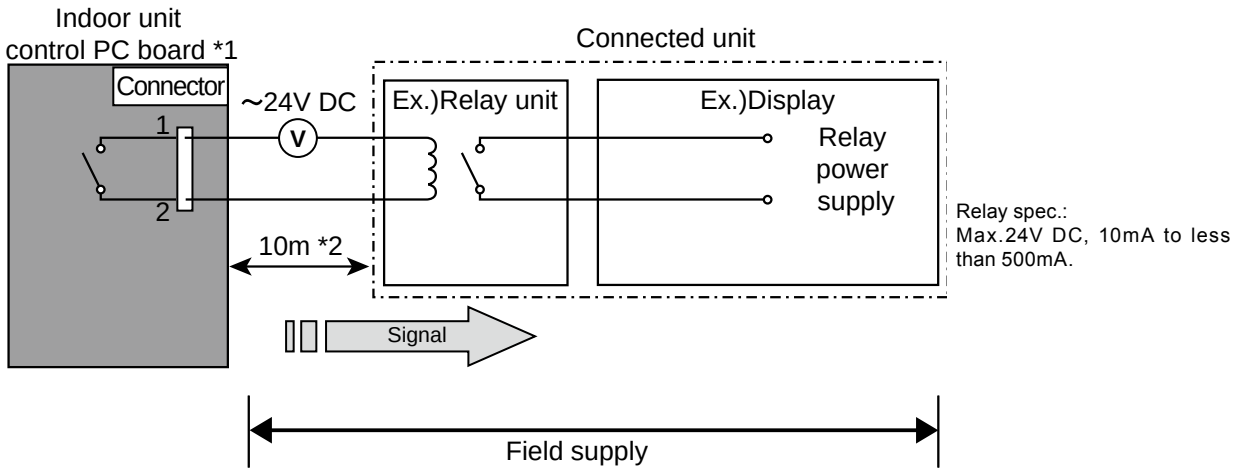
# 12-2. EXTERNAL OUTPUT

## ■ OPERATION STATUS OUTPUT

| | Compact Cassette | Slim Duct | Wall Mounted | | | Floor / Ceiling | Floor |
|---|---|---|---|---|---|---|---|
| | | | LJ | LU / LM | LF | | |
| Connector | CN103 | CN103 | CN304 | CNB01 | CN16 | CN103 | CN20 |

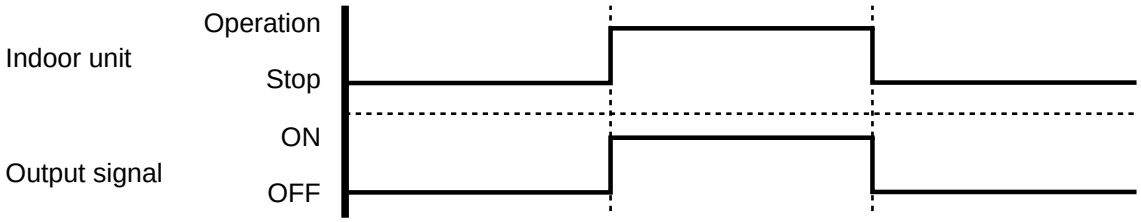
An air conditioner operation status signal can be output.

### ● Circuit diagram example




*1 PC board of Communication kit is used for Wall mounted type.

*2 Make the distance from the PC board to the connected unit within 10m.




### ● Parts (Optional)

| | Compact Cassette | Slim Duct | Wall Mounted | | | Floor / Ceiling | Floor |
|---|---|---|---|---|---|---|---|
| | | | LJ | LU / LM | LF | | |
| Parts name | External connect kit | | | | | | |
| Model name | UTY-XWZX | UTD-ECS5A | UTY-XWZX | UTY-XWZXZ5 | UTY-XWZX | | |



| | Compact Cassette | Slim Duct | Wall Mounted | | | | Floor / Ceiling | Floor |
|---|---|---|---|---|---|---|---|---|
| | | | LJ | LU | LM | LF | | |
| Parts name | - | - | Communication kit | | | - | - | - |
| Model name | - | - | UTY-XCBXZ1 | UTY-TWBXF | UTY-XCBXZ2 | - | - | - |

*For operating the EXTERNAL OUTPUT function, the Wall mounted type (LJ, LU, LM) requires the communication kit (UTY-XCBXZ1, UTY-TWBXF, UTY-XCBXZ2) in addition to the wire (UTY-XWZX, UTY-XWZXZ5).

MULTI TYPE
2, 3, 4 ROOMS TYPE

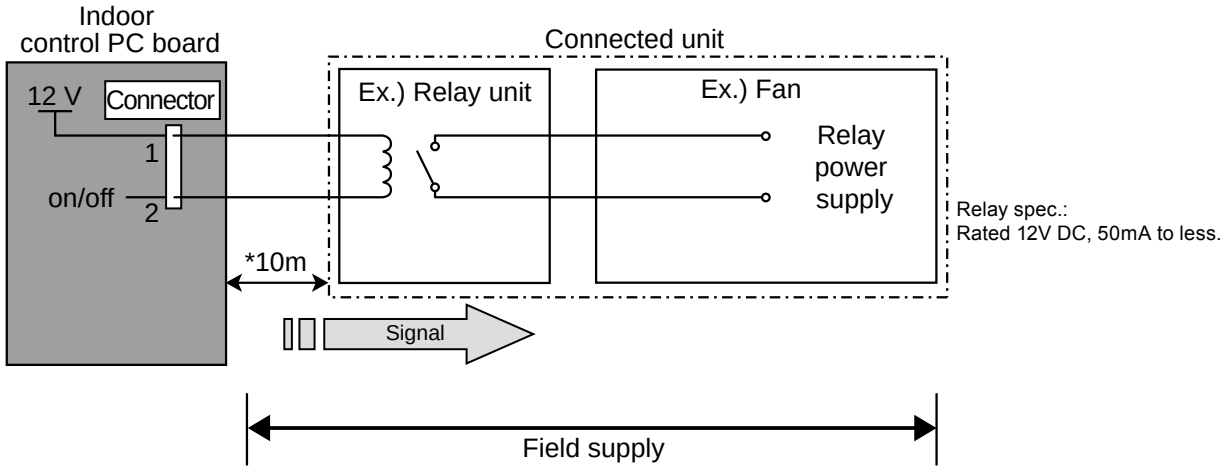
# ■ FRESH AIR CONTROL OUTPUT

| | Compact Cassette | Slim Duct | Wall Mounted | Floor / Ceiling | Floor |
|---|---|---|---|---|---|
| Connector | CN6 | CN6 | - | - | - |

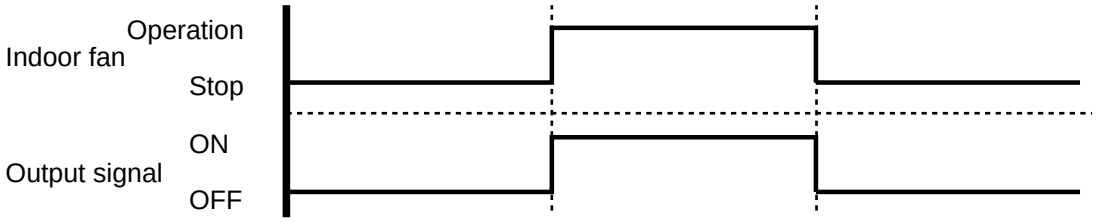
A signal linked to air conditioner indoor fan ON can be output.

* However, signal becomes OFF during cold air prevention control operation.

## ● Circuit diagram example




* Make the distance from the PC board to the connected unit within 10m.




## ● Parts (Optional)

| | Compact Cassette | Slim Duct | Wall Mounted | Floor / Ceiling | Floor |
|---|---|---|---|---|---|
| Parts name | Fresh air intake kit | External control set | - | - | - |
| Model name | UTZ-VXAA *1 | UTD-ECS5A | - | - | - |



Note : This wire is included in Fresh air intake kit (UTZ-VXAA).

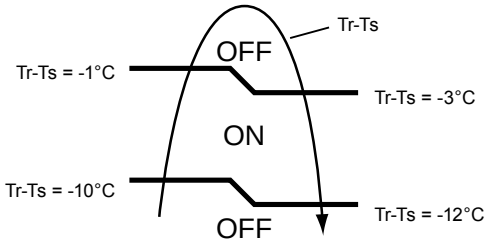
MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■ AUXILIARY HEATER OUTPUT

| | Compact Cassette | Slim Duct | Wall Mounted | Floor / Ceiling | Floor |
|---|---|---|---|---|---|
| Connector | - | CN10 | - | - | - |

A signal is outputed from Connector when indoor fan and compressor turn on under heating operation.

*Signal output performance specifications are as shown on the right



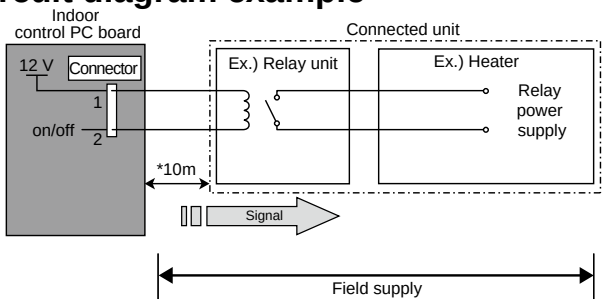

Ex. When Set Temperature(Ts) is 22°C;

- and Room Temperature(Tr) increase above 12°C, signal output is on.
- and Room Temperature(Tr) increase above 21°C, signal output is off.
- and Room Temperature(Tr) decrease below 19°C, signal output is on.
- and Room Temperature(Tr) decrease below 10°C, signal output is off.

## ● Jumper wire (Indoor Unit)

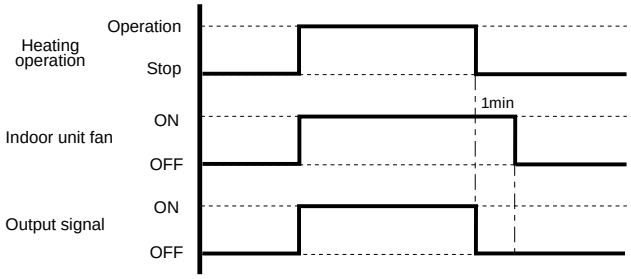
This is used to continue indoor unit fan operation for 1 minute after thermo OFF in heating mode.
1 minute delay control set by cutting jumper wire on PCB.

## ● Circuit diagram example




Relay spec.:
Rated 12V DC, 50mA to less.

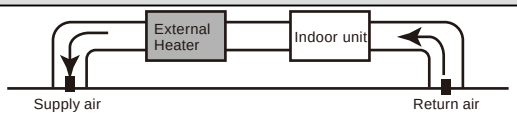
* Make the distance from the PC board to the connected unit within 10m.




**CAUTION**

Please place an external heater between the indoor unit and the outlet.

Please be sure to use delay control of the fan.




## ● Parts (Optional)

| | Compact Cassette | Slim Duct | Wall Mounted | Floor / Ceiling | Floor |
|---|---|---|---|---|---|
| Parts name | - | External control set | - | - | - |
| Model name | - | UTD-ECS5A | - | - | - |



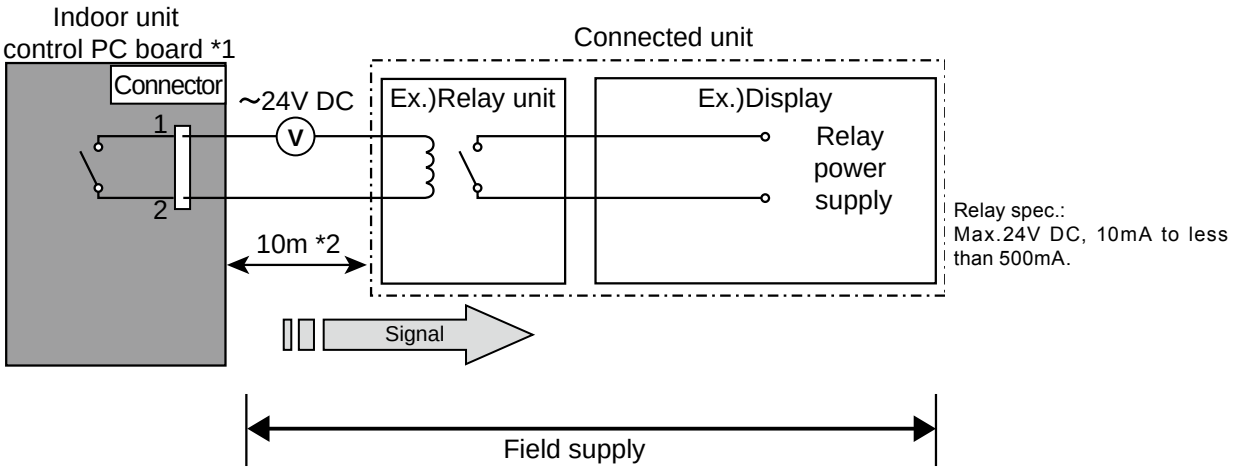
MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■ ERROR STATUS OUTPUT

| | Compact Cassette | Slim Duct | Wall Mounted | | | Floor / Ceiling | Floor |
|---|---|---|---|---|---|---|---|
| | | | LJ | LU / LM | LF | | |
| Connector | - | - | - | CNB02 | - | - | - |

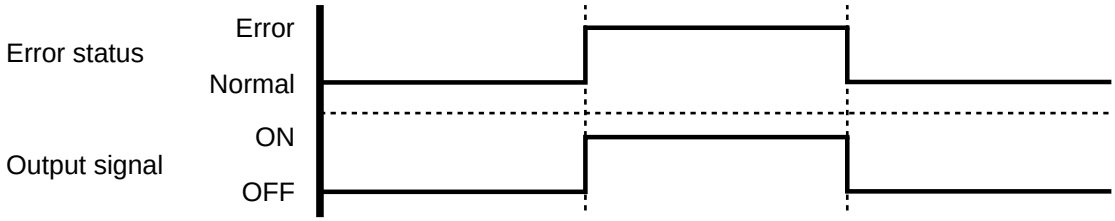
An air conditioner error status signal can be output.

## ● Circuit diagram example




*1 PC board of Communication kit is used for Wall mounted type.

*2 Make the distance from the PC board to the connected unit within 10m.




## ● Parts (Optional)

| | Compact Cassette | Slim Duct | Wall Mounted | | | Floor / Ceiling | Floor |
|---|---|---|---|---|---|---|---|
| | | | LJ | LU / LM | LF | | |
| Parts name | - | - | - | External connect kit | - | - | - |
| Model name | - | - | - | UTY-XWZXZ5 | - | - | - |



| | Compact Cassette | Slim Duct | Wall Mounted | | | Floor / Ceiling | Floor |
|---|---|---|---|---|---|---|---|
| | | | LJ | LU / LM | LF | | |
| Parts name | - | - | - | Communication kit | - | - | - |
| Model name | - | - | - | UTY-TWBXF | - | - | - |

*For operating the EXTERNAL OUTPUT function, the Wall mounted type (LU, LM) requires the communication kit (UTY-TWBXF, UTY-XCBXZ2) in addition to the wire (UTY-XWZXZ5).

MULTI TYPE
2, 3, 4 ROOMS TYPE

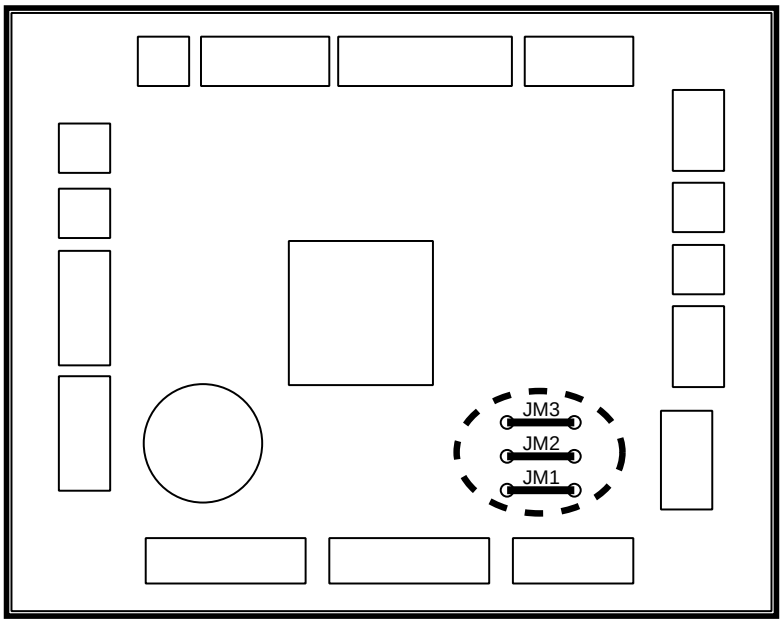
# 13. FUNCTION SETTING

## 13-1. INDOOR UNIT (setting by jumper wire)

Note: This function is Slim Duct type only.

### ■ SWITCH POSITION

#### ● Slim Duct type




### ■ JUMPER WIRE SETTING

#### ● Drainage function setting (JM1)

(◆...Factory setting)

| | JM1 | Drainage function |
|---|---|---|
| ◆ | Connect | Valid |
| | Disconnect | Invalid |

#### ● Auto louver grille setting (JM2)

When Auto louver grille kit (optional parts) is attached, set the Auto louver grille setting to "Valid".

(◆...Factory setting)

| | JM2 | Auto louver grille setting |
|---|---|---|
| ◆ | Connect | Invalid |
| | Disconnect | Valid |

#### ● Fan delay setting (JM3)

(◆...Factory setting)

| | JM3 | Fan delay |
|---|---|---|
| ◆ | Connect | Invalid |
| | Disconnect | Valid |

MULTI TYPE
2, 3, 4 ROOMS TYPE

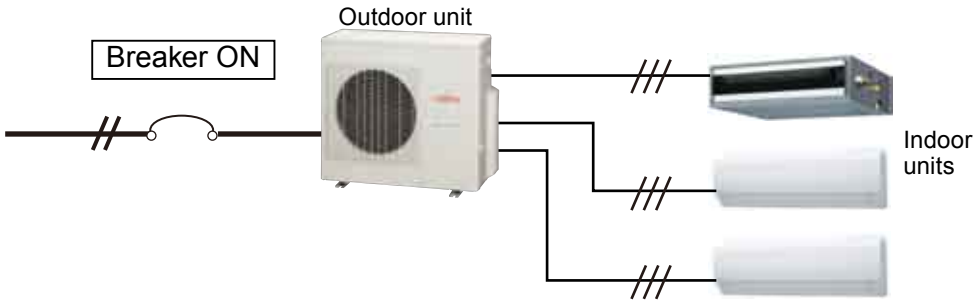
# 13-2. INDOOR UNIT (setting by wireless remote controller)

- The function settings of the control of the indoor unit can be changed by this procedure according to the installation conditions. Incorrect settings can cause the indoor unit to malfunction.
- After the power is turned on, perform the Function Setting according to the installation conditions using the remote controller.
- The settings may be selected between the following two: Function Number and Setting Number.
- Settings will not be changed if invalid numbers or setting numbers are selected.

## ■ PREPARATION

(1) Turn on the power of the Outdoor unit.

* Before turning on the power indoor units, make sure the piping air-tight test and vacuuming have been conducted.
* Also check again to make sure no wiring mistakes were made before turning on the power.

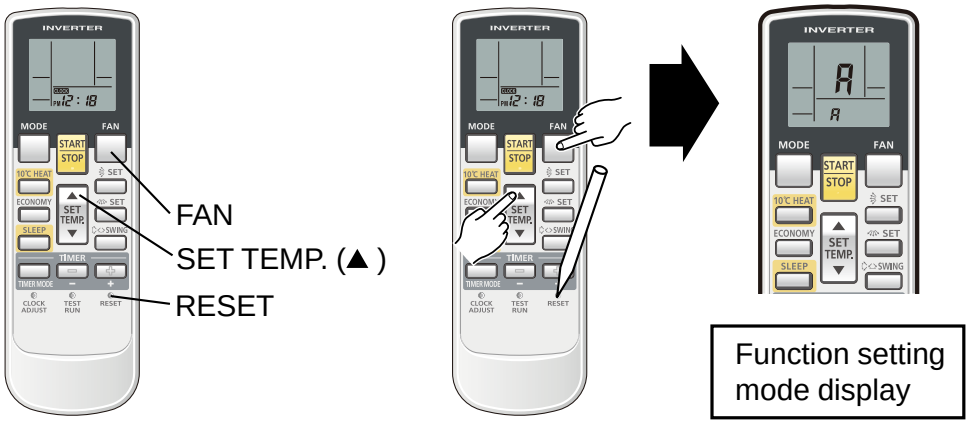


MULTI TYPE
2, 3, 4 ROOMS TYPE

# 13-2-1. AR-RAH2E / AR-RAH1E

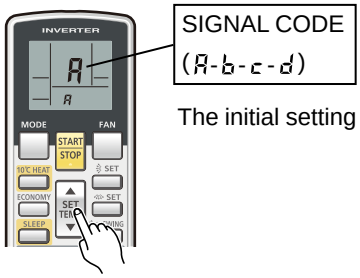
## ■ SWITCHING SELECTION OF FUNCTION SETTING MODE

(2) Press and hold the “FAN” and the “ SET TEMP. ▲ ” buttons. While holding these 2 buttons, press the "RESET" button.



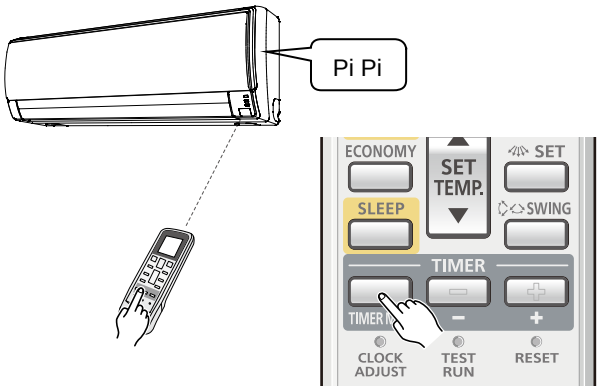

## ■ SELECTION AND CONFIRMATION OF SIGNAL CODE

(3) Press the “ SET TEMP. ▲ ” or “ SET TEMP. ▼ ” buttons to select the signal code that matches the setting with the indoor unit. By selecting the appropriate signal code, the communication between the indoor unit and the wireless RC become possible.




The initial setting is "A"

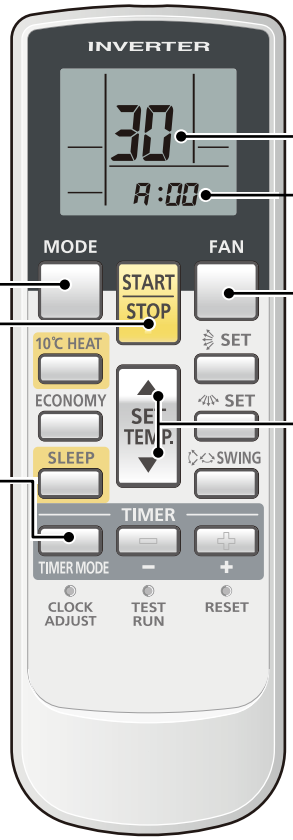
(4) Press the “TIMER MODE" button to send the code to the indoor unit.



MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■ BUTTON NAME AND FUNCTION

- During address setting mode, indoor unit will reject any operation command from remote controller.




**Function number**

Refer to FUNCTION DETAILS

**Setting number**

Refer to FUNCTION DETAILS

**MODE button**

- Start the function setting mode
- Changes the display digits

**START/STOP button**

Fixes function setting

**FAN button**

Switches between the setting number (bottom line) and function number (top line)

**TIMER MODE button**

Transmits function mode

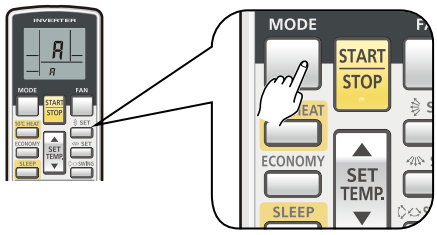
**SET TEMP. " ▲ " and " ▼ " button**

Increases and decreases the displayed number

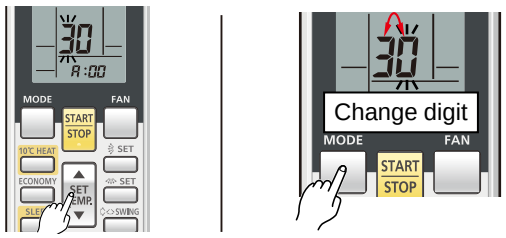
MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■ FUNCTION SETTING

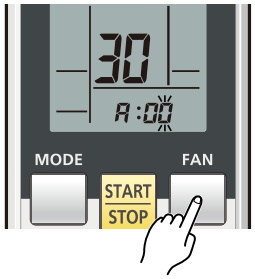
(5) Press the “MODE” button to access the function setting mode.



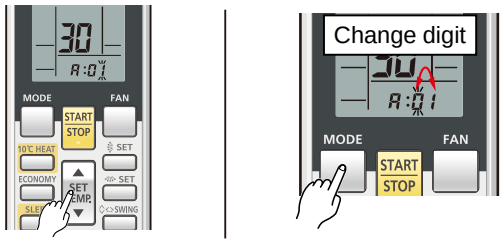

(6) Press the “ ▲ ” or the “ ▼ ” buttons to select the function number.
Press the "MODE" button to switch between the left and right digits.



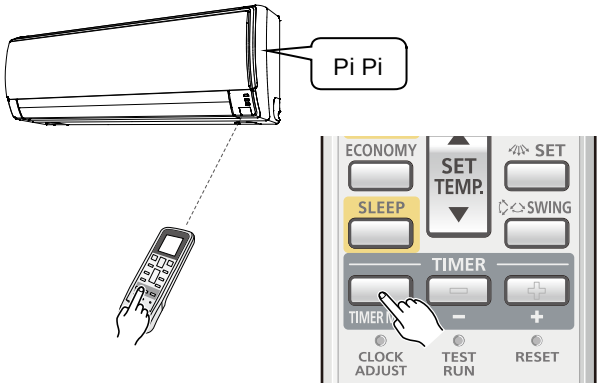

(7) Press the FAN button to proceed to setting the number. (Press the FAN button again to return to the function number selection.)



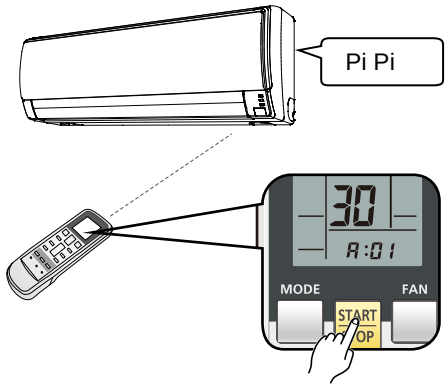

(8) Press the “ ▲ ” or the “ ▼ ” buttons to select the setting number.
Press the "MODE" button to switch between the left and right digits.




(9) Press the “TIME MODE” button once to send the function mode information.




(10) Press the “START/STOP” button once to fix the function setting.
A beeping noise will be heard if the command is accepted.
*Wrong code: No response




Note: Please push the "START/STOP" button within 30 seconds after pushing the "TIME MODE" button.

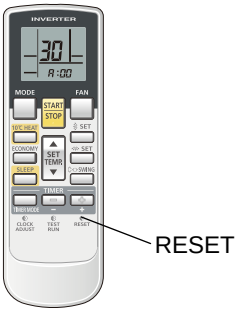
# ■ FUNCTION DETAILS

**Refer to 13-5. FUNCTION DETAILS**

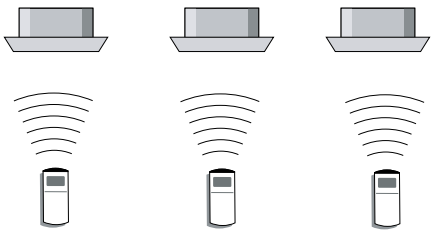
MULTI TYPE
2, 3, 4 ROOMS TYPE

## ■ COMPLETION OF FUNCTION SETTING MODE

(11) Press the “RESET” button.




## ■ SETTING UP EACH INDOOR UNIT



Repeat steps (1) through to (11).

## ■ RESET THE POWER AFTER SETTING UP FUNCTION OF ALL INDOOR UNITS

**Important**

- **If the reset is not performed, function cannot be read in normally.**
- **After all the functions have been set, the circuit breaker needs to be switched off for at least 2 minutes.**
  **After the 2 minutes has passed, power can be restored.**
- **The set fuction is stored in the PCB and will remain in memory even when the power is turned off.**
  **However setting function is effective after power reset.**
  **Record the function set in the indoor unit on a label, etc., and affix the label to the unit so it can be used for after-sales service operations.**

∗ Once the "RESET" button is pressed on the remote controller, the OPERATION MODE will be set in the "AUTO MODE".
Please adjust the OPERATION MODE to either "COOLING" or "HEATING" before trying to operate the air conditioner.

∗ Note : If SIGNAL CODE is set to anything other than "A" ,the remote control must be set accordingly to the INDOOR UNIT setting.

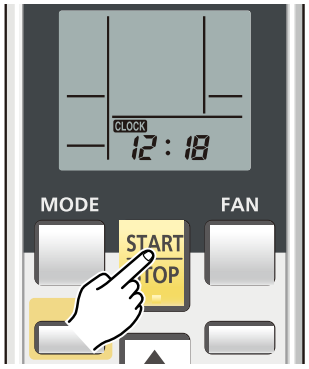
MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■ REMOTE CONTROLLER SIGNAL CODE SETTING

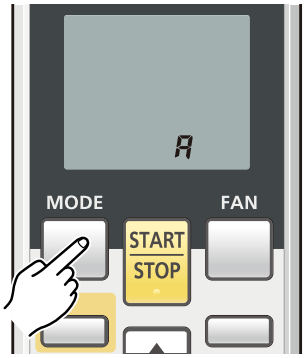
According to the following instructions, please set the signal code setting of the Wireless remote controller to match any changes in the signal code setting of the indoor unit.

(Note that the air conditioner cannot receive a signal code if the right signal code has not been set.)

1.Press the START/STOP button until only the clock is displayed on the remote controller display.



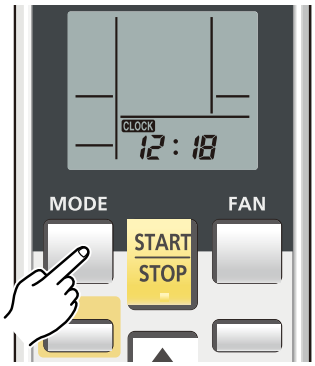

2.Press the MODE button for at least five seconds to display the current signal code (initially set to A).




3.Press the SET TEMP. " ▲ " or the " ▼ " button to change the signal code between A→B→C →D.




4.Press the MODE button again to return to the clock display. The signal code will be changed.




- If no buttons are pressed within 30 seconds after the signal code is displayed, the system returns to the original clock display. In this case, start again from step 1.
- The air conditioner signal code is set to A prior to shipment.
- The remote controller resets to signal code A when the batteries in the remote controller are replaced. If you use a signal code other than signal code A, reset the signal code after replacing the batteries. If you do not know the air conditioner signal code setting, try each of the signal codes (A→B→C→D) until you find the code which operates the air conditioner.

MULTI TYPE
2, 3, 4 ROOMS TYPE

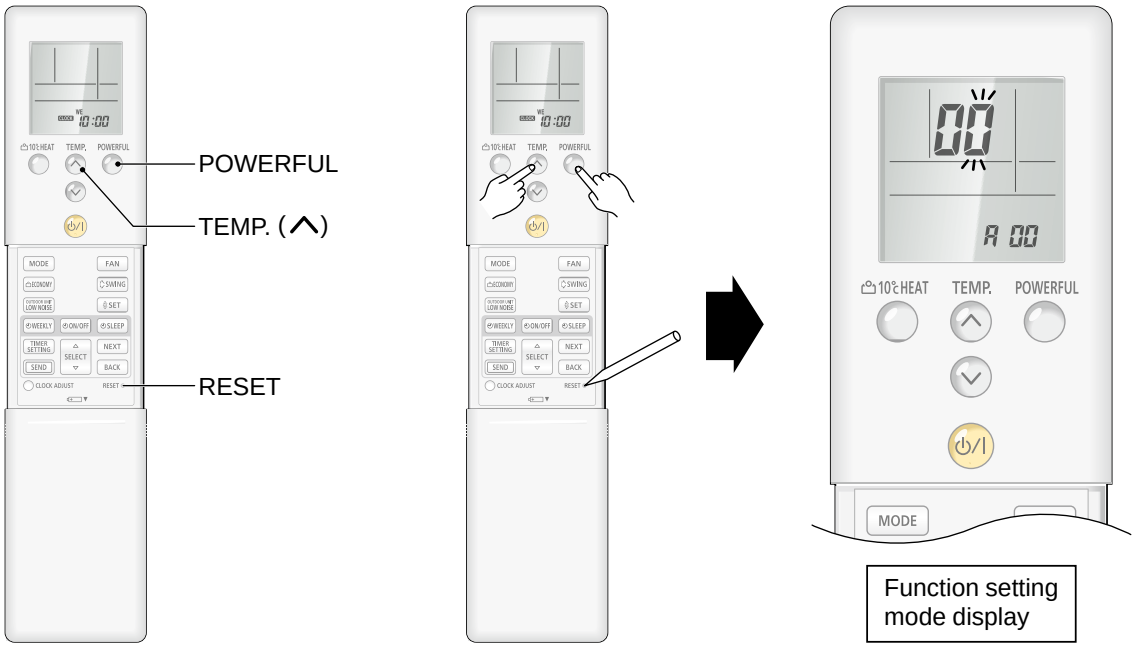
# 13-2-2. AR-REA2E

## ■ CONFIRMATION OF SIGNAL CODE

(2) Prior to entering the function setting mode, adjust the signal code of the remote controller to match the signal code of the indoor unit as specified in Remote Controller Signal Code Setting

## ■ SWITCHING SELECTION OF FUNCTION SETTING MODE

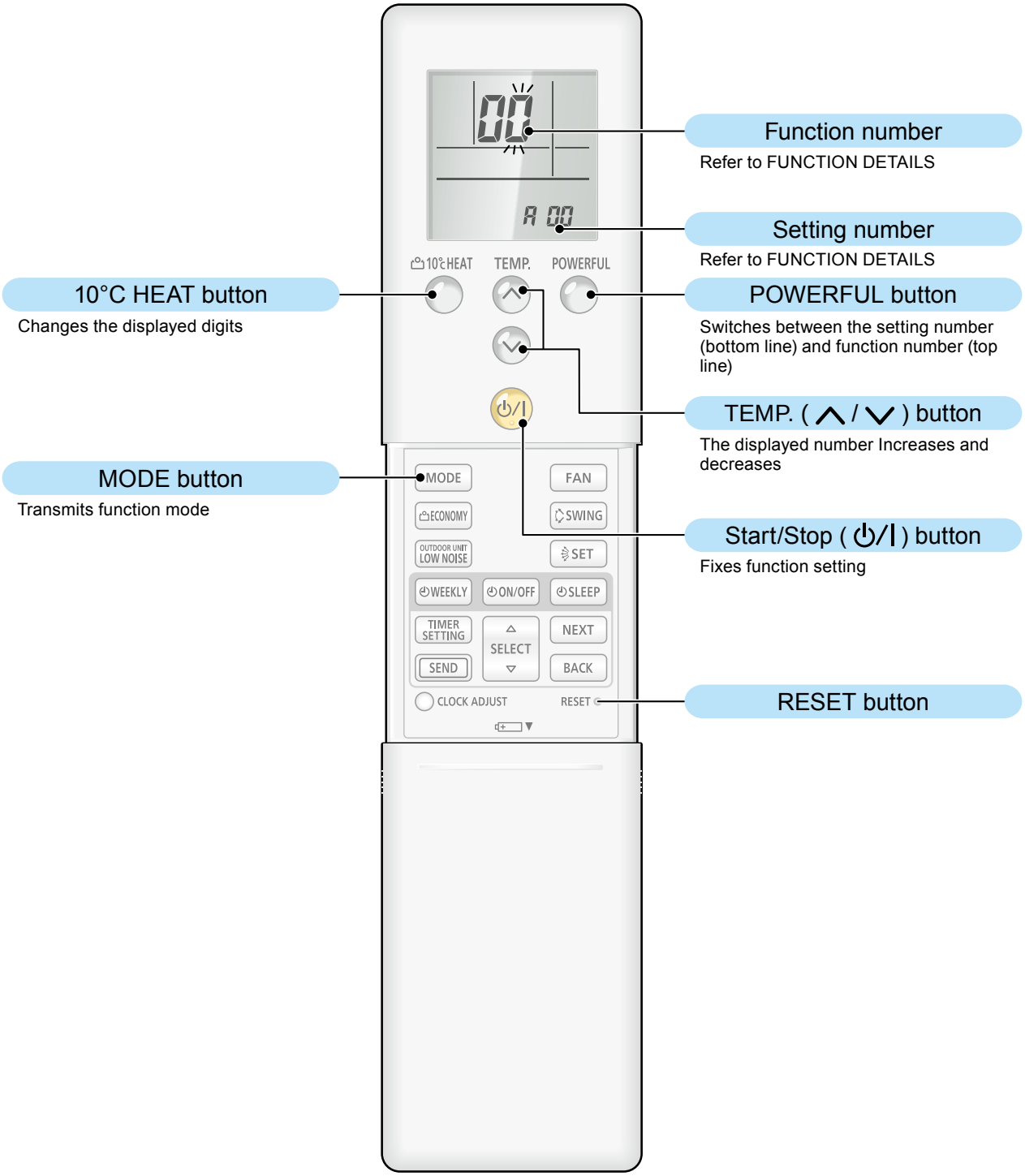
(3) Press and hold the "POWERFUL" and "TEMP. ∧" buttons. While holding these 2 buttons, press the "RESET" button.



MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■ BUTTON NAME AND FUNCTION

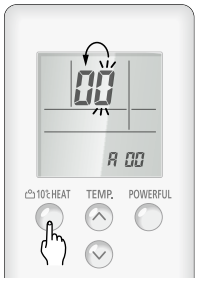
- During the function setting mode, indoor unit will reject any operation command from remote controller.



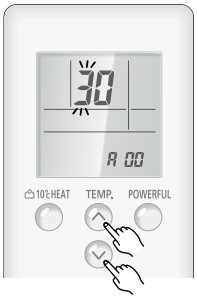
MULTI TYPE
2, 3, 4 ROOMS TYPE

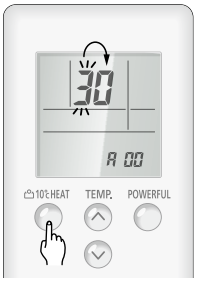
# ■ FUNCTION SETTING

(4) Press the "TEMP. ∧ " or "TEMP. ∨ " buttons to select the function number.
Press the "10°C HEAT" button to switch between left and right digits.



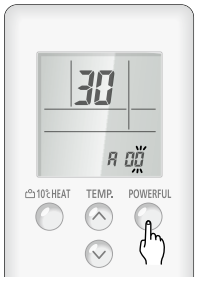

Change digit



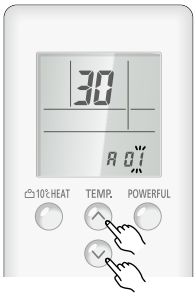



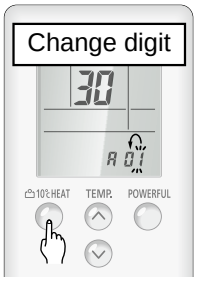

Change digit

(5) Press the "POWERFUL" button to proceed to the setting number.
(Press the "POWERFUL" button again to return to the function number selection.)

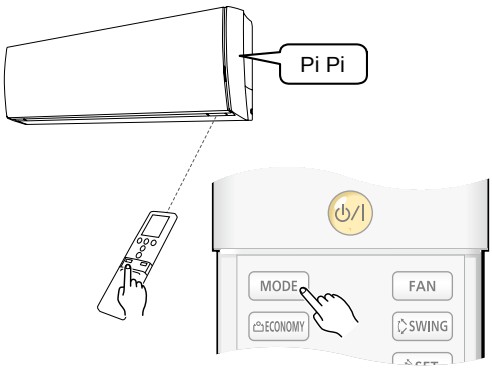



(6) Press the "TEMP. ∧ " or the "TEMP. ∨ " buttons to select the setting number.
Press the "10°C HEAT" button to switch between left and right digits.

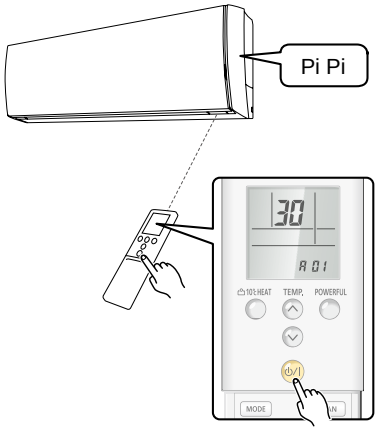



(7) Press the "MODE" button once to send the function mode information.




(8) Press the " ⏻ / I " button once to fix the function setting.
A beeping noise will be heard if the command is accepted.
*Wrong code: No response




Note: Please push the " ⏻ / I " button within 30 seconds after pushing the "MODE" button.

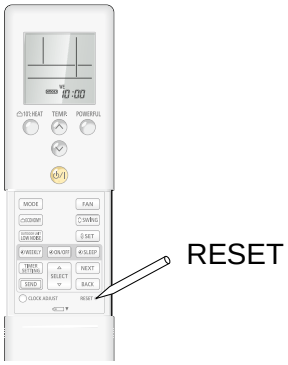
# ■ FUNCTION DETAILS

**Refer to 13-5. FUNCTION DETAILS**

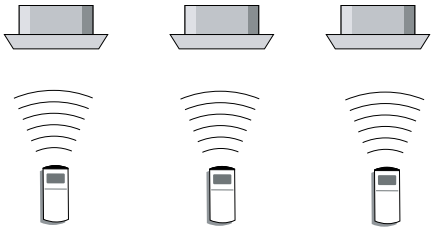
MULTI TYPE
2, 3, 4 ROOMS TYPE

## ■ COMPLETION OF FUNCTION SETTING MODE

(9) Press the "RESET" button.




## ■ SETTING UP EACH INDOOR UNIT



Repeat steps (1) through to (9).

## ■ RESET THE POWER AFTER SETTING UP FUNCTION OF ALL INDOOR UNITS

**Important**

- **If the reset is not performed, function settings cannot be read in normally.**
- **After all the functions have been set, the circuit breaker needs to be switched off for at least 2 minutes.**
  **After the 2 minutes has passed, power can be restored.**
- **The set fuction is stored in the PCB and will remain in memory even when the power is turned off.**
  **However the settings are only effective after the power is reset.**
  **Record the function settings of the indoor unit on a label, etc., and affix the label to the unit so it can be used for after-sales service operations.**

∗ Once the "RESET" button is pressed on the remote controller, the OPERATION MODE will be set in the "AUTO MODE".
Please adjust the OPERATION MODE to either "COOLING" or "HEATING" before trying to operate the air conditioner.

∗ Note : If SIGNAL CODE is set to anything other than "A" ,the remote control must be set accordingly to the INDOOR UNIT setting.

MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■ REMOTE CONTROLLER SIGNAL CODE SETTING

According to the following instructions, please set the signal code setting of the Wireless remote controller to match any changes in the signal code setting of the indoor unit.
(Note that the air conditioner cannot receive a signal code if the right signal code has not been set.)

1. Press the Start/Stop " ⏻/| " button until only the clock is displayed on the remote controller display.



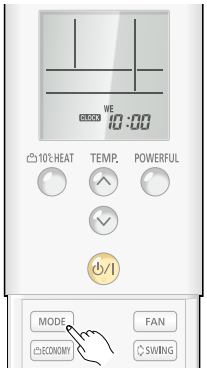

2. Press the "MODE" button for at least 5 seconds to display the current signal code (initially set to A).




3. Press the "TEMP. ∧ " or the "TEMP. ∨ " button to change the signal code between A→B→C →D.




4. Press the "MODE" button again to return to the clock display. The signal code will be changed.



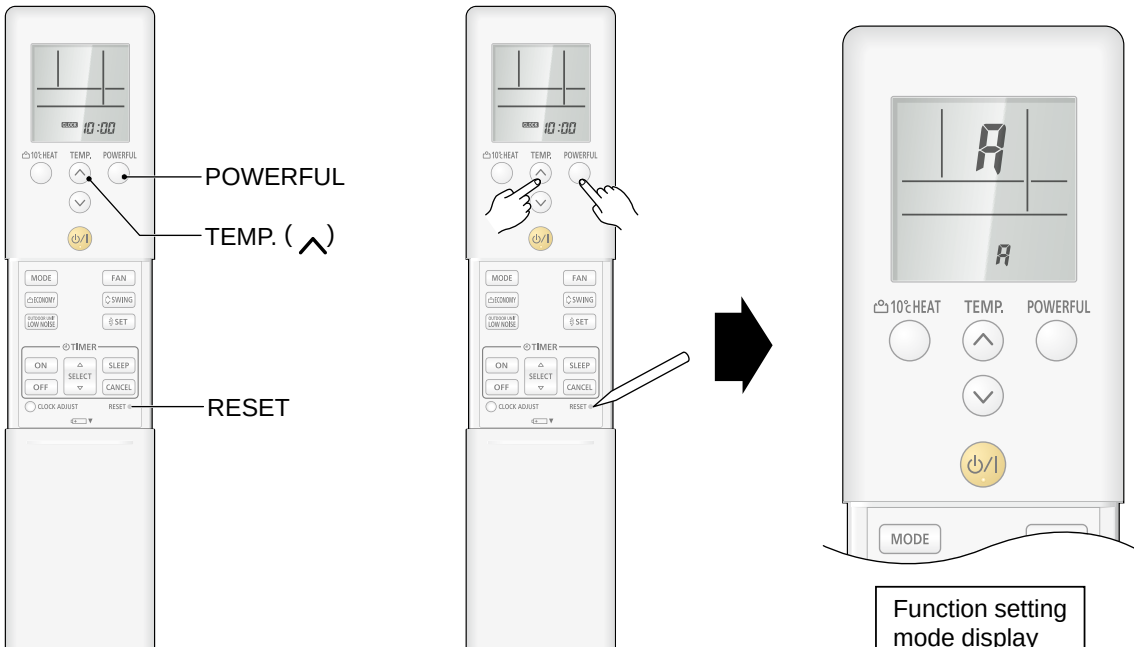

- If no buttons are pressed within 30 seconds after the signal code is displayed, the system returns to the original clock display. In this case, start again from step 1.
- The air conditioner signal code is set to A prior to shipment.
- If you do not know the air conditioner signal code setting, try each of the signal codes (A→B→C→D) until you find the code which operates the air conditioner.

MULTI TYPE
2, 3, 4 ROOMS TYPE

# 13-2-3. AR-REB1E

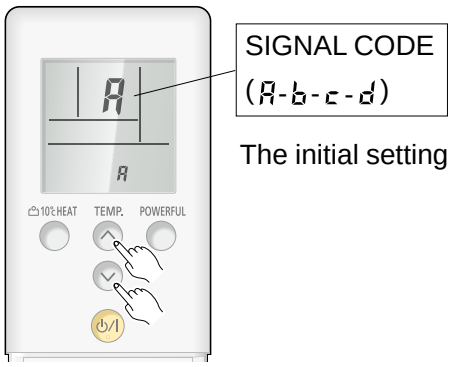
## ■ SWITCHING SELECTION OF FUNCTION SETTING MODE

(2) Press and hold the "POWERFUL" and "TEMP. ∧" buttons. While holding these 2 buttons, press the "RESET" button.



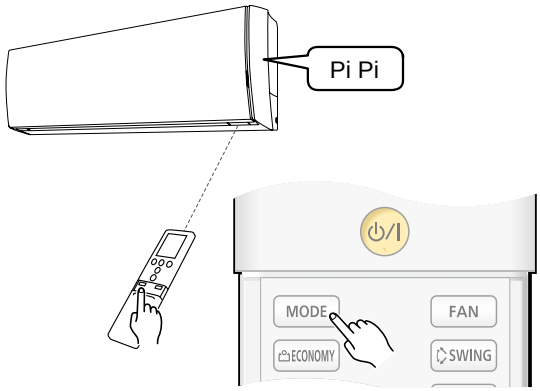

## ■ CONFIRMATION OF SIGNAL CODE

(3) Press the “TEMP. ∧” or “TEMP. ∨” buttons to select the signal code that matches the setting with the indoor unit. By selecting the appropriate signal code, the communication between the indoor unit and the wireless RC becomes possible.




The initial setting is "A"

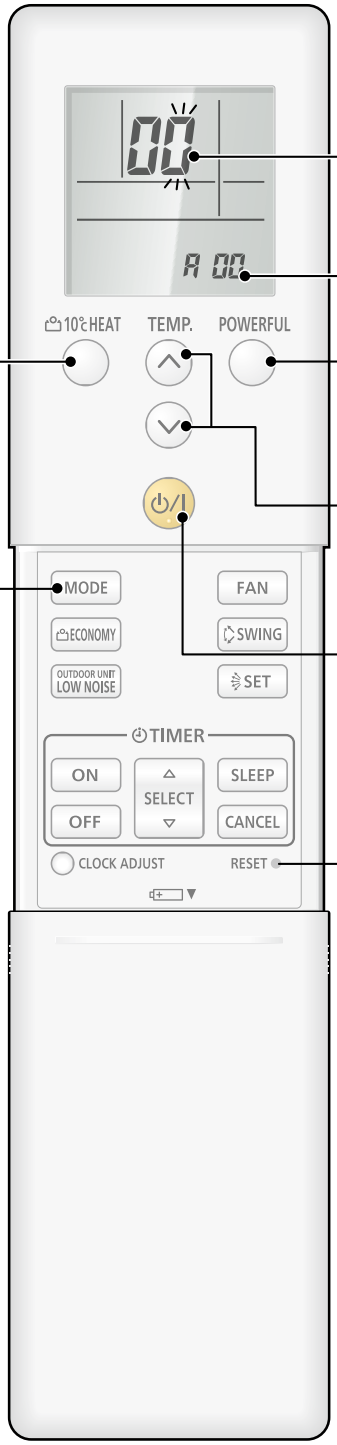
(4) Press the “MODE" button to send the code to the indoor unit.



MULTI TYPE
2, 3, 4 ROOMS TYPE

## ■ BUTTON NAME AND FUNCTION

- During the function setting mode, indoor unit will reject any operation command from remote controller.




**Function number**
Refer to FUNCTION DETAILS

**Setting number**
Refer to FUNCTION DETAILS

**10°C HEAT button**
Changes the displayed digits

**POWERFUL button**
Switches between the setting number (bottom line) and function number (top line)

**TEMP. ( ∧ / ∨ ) button**
The displayed number Increases and decreases

**MODE button**
Transmits function mode

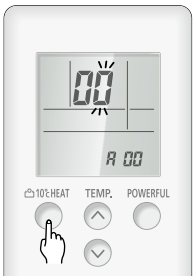
**Start/Stop ( ⏻/❙ ) button**
Fixes function setting

**RESET button**

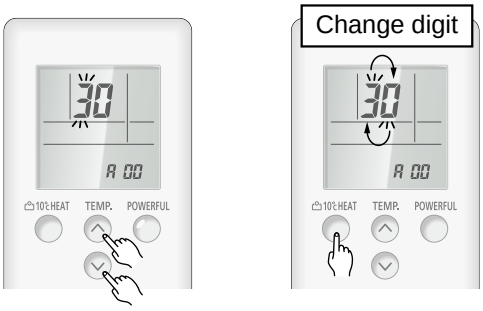
MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■ FUNCTION SETTING

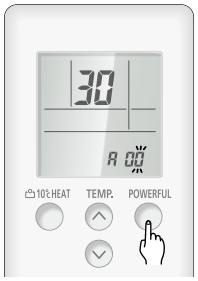
(5) Press the "10°C HEAT" button to access the fuction setting mode.



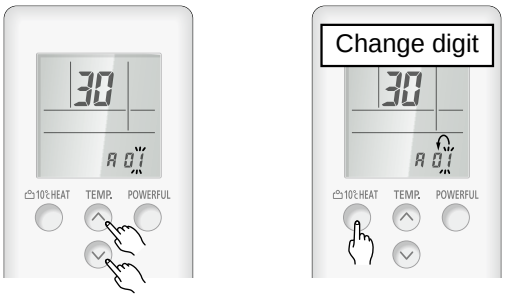

(6) Press the "TEMP. ∧ " or "TEMP. ∨ " buttons to select the function number.
Press the "10°C HEAT" button to switch between left and right digits.



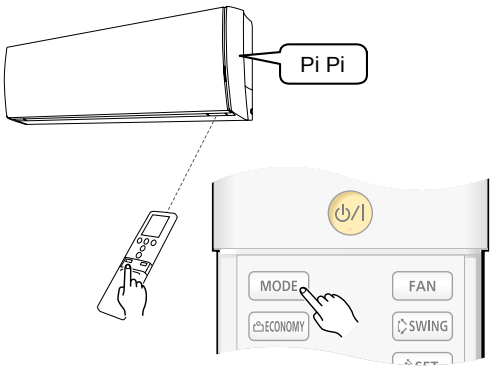

(7) Press the "POWERFUL" button to proceed to the setting number.
(Press the "POWERFUL" button again to return to the function number selection.)



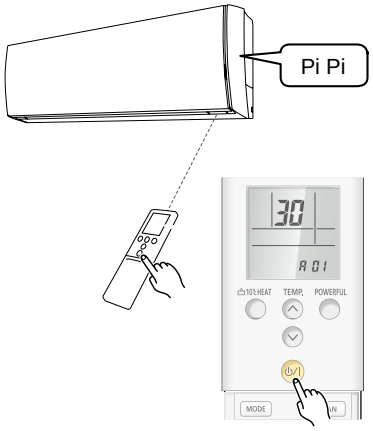

(8) Press the "TEMP. ∧ " or the "TEMP. ∨ " buttons to select the setting number.
Press the "10°C HEAT" button to switch between left and right digits.




(9) Press the "MODE" button once to send the function mode information.




(10) Press the " ⏻ / I " button once to fix the function setting.
A beeping noise will be heard if the command is accepted.
*Wrong code: No response




Note: Please push the " ⏻ / I " button within 30 seconds after pushing the "MODE" button.

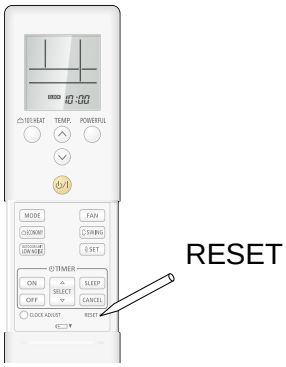
# ■ FUNCTION DETAILS

**Refer to 13-5. FUNCTION DETAILS**

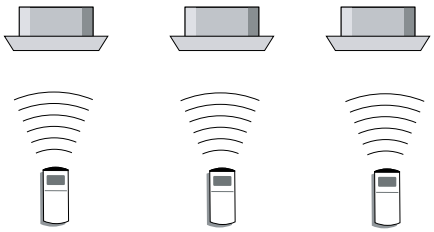
MULTI TYPE
2, 3, 4 ROOMS TYPE

## ■ COMPLETION OF FUNCTION SETTING MODE

(11) Press the "RESET" button.




## ■ SETTING UP EACH INDOOR UNIT



Repeat steps (1) through to (11).

## ■ RESET THE POWER AFTER SETTING UP FUNCTION OF ALL INDOOR UNITS

**Important**

- **If the reset is not performed, function settings cannot be read in normally.**
- **After all the functions have been set, the circuit breaker needs to be switched off for at least 2 minutes.**
  **After the 2 minutes has passed, power can be restored.**
- **The set fuction is stored in the PCB and will remain in memory even when the power is turned off.**
  **However the settings are only effective after the power is reset.**
  **Record the function settings of the indoor unit on a label, etc., and affix the label to the unit so it can be used for after-sales service operations.**

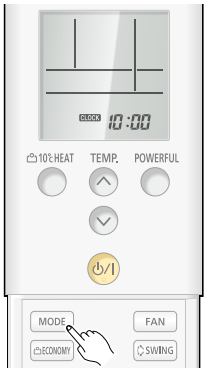
∗ Once the "RESET" button is pressed on the remote controller, the OPERATION MODE will be set in the "AUTO MODE".
Please adjust the OPERATION MODE to either "COOLING" or "HEATING" before trying to operate the air conditioner.

∗ Note : If SIGNAL CODE is set to anything other than "A" ,the remote control must be set accordingly to the INDOOR UNIT setting.

MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■ REMOTE CONTROLLER SIGNAL CODE SETTING

According to the following instructions, please set the signal code setting of the Wireless remote controller to match any changes in the signal code setting of the indoor unit.
(Note that the air conditioner cannot receive a signal code if the right signal code has not been set.)

| | |
|---|---|
| 1. Press the Start/Stop " ⏻/I " button until only the clock is displayed on the remote controller display.<br> | 2. Press the "MODE" button for at least 5 seconds to display the current signal code (initially set to A).<br> |
| 3. Press the "TEMP. ∧ " or the "TEMP. ∨ " button to change the signal code between A→B→C →D.<br> | 4. Press the "MODE" button again to return to the clock display. The signal code will be changed.<br> |

- If no buttons are pressed within 30 seconds after the signal code is displayed, the system returns to the original clock display. In this case, start again from step 1.
- The air conditioner signal code is set to A prior to shipment.
- The remote controller resets to signal code A when the batteries in the remote controller are replaced. If you use a signal code other than signal code A, reset the signal code after replacing the batteries. If you do not know the air conditioner signal code setting, try each of the signal codes (A→B→C→D) until you find the code which operates the air conditioner.

MULTI TYPE
2, 3, 4 ROOMS TYPE

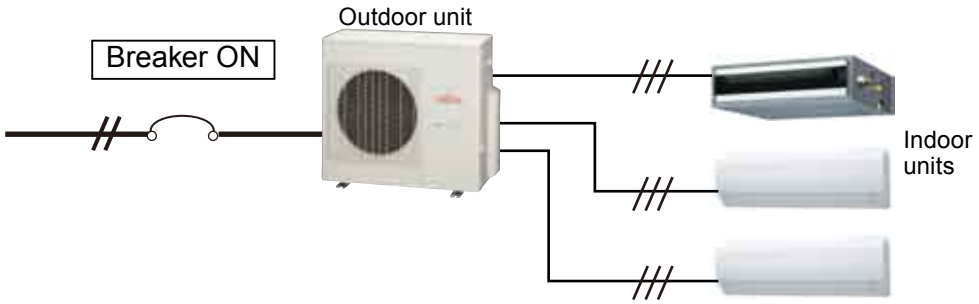
# 13-3. INDOOR UNIT (setting by wired remote controller)

- The function settings of the control of the indoor unit can be changed by this procedure according to the installation conditions. Incorrect settings can cause the indoor unit malfunction.
- After the power is turned on, perform the Function Setting according to the installation conditions using the remote controller.
- The settings may be selected between the following two: Function Number or Setting Number.
- Settings will not be changed if invalid numbers or setting numbers are selected.
- This function cannot be used on secondary units.

## ■ PREPARATION

(1) Turn on the power to the Outdoor unit.

- By turning on the power indoor units, so make sure the piping air-tight test and vacuuming have been conducted before turning on the power.
- Also check again to make sure no wiring mistakes were made before turning on the power.

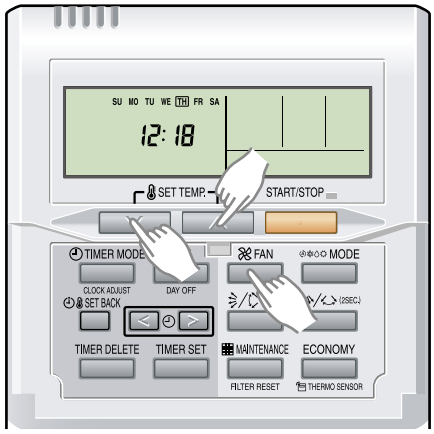


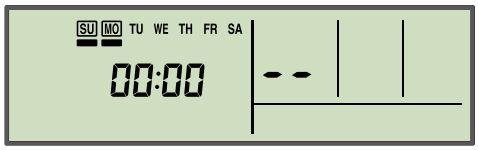
MULTI TYPE
2, 3, 4 ROOMS TYPE

# 13-3-1. MODEL: UTY-RNN*M

## ■ SWITCHING SELECTION OF FUNCTION SETTING MODE

2) To activate the function setting mode, hold down the three buttons "SET TEMP. V", "SET TEMP. Λ" and "FAN" at the same time for 5 seconds or longer.




Function setting mode initial display

## ■ BUTTON NAME AND FUNCTION

- During address setting mode, indoor unit will reject any operation command from the remote controller.

**Function number**

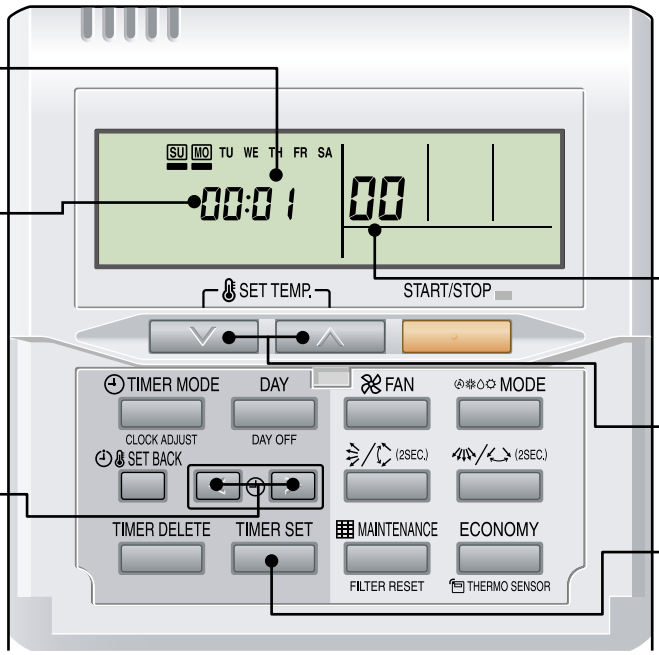
Refer to FUNCTION DETAILS

**Remote controller address**

Fixed to 00.

**Set Time "<" and ">" button**

Switches the function number.




**Setting number**

Refer to FUNCTION DETAILS

**SET TEMP. "V" and "Λ" button**

Switches the setting number.

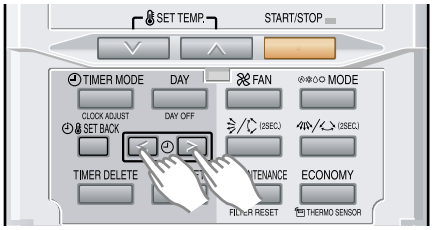
**TIMER SET button**

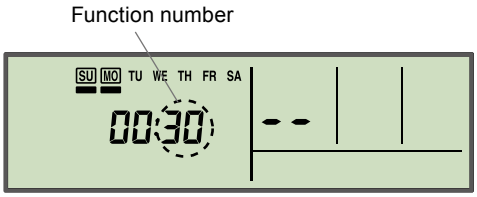
Transmits function setting

MULTI TYPE
2, 3, 4 ROOMS TYPE

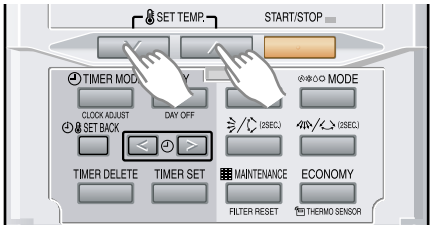
# ■ FUNCTION SETTING

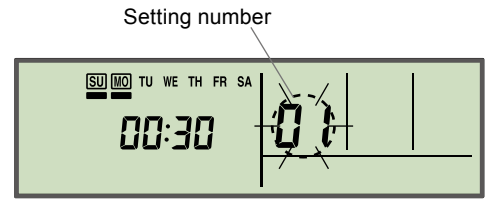
3) Press the "Set Time <" button or the "Set Time >" button, to select the function number.



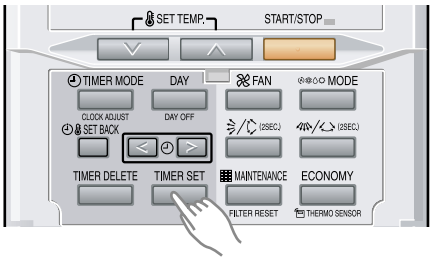

4) Press the "SET TEMP. V" button or the "SET TEMP. Λ" button, to select the setting number.
The display flashes during setting number selection.

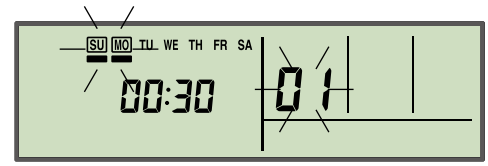



Ex.) Function number : 30, Setting number : 01

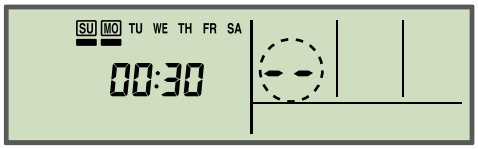
5) Press the "TIMER SET" button, confirm the setting.
(The data will be transferred to the indoor unit.)



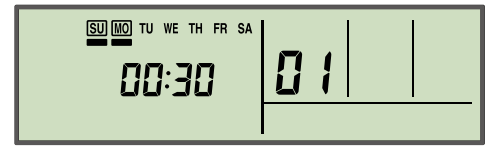




ERROR

GOOD




- When the data was not set up on the indoor unit "--" is displayed.
- Set up the data again according to the procedure in step 3), 4) above.




When the data was correctly set up on the indoor unit.
(Flashing display changes to illuminated display.)

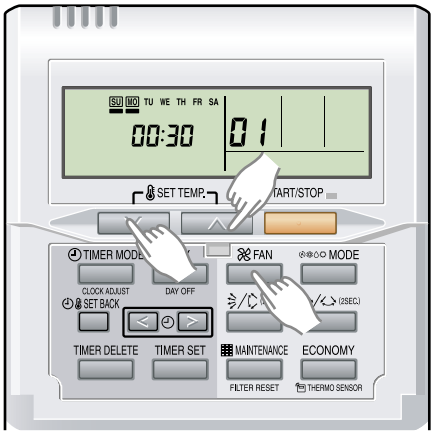
# ■ FUNCTION DETAILS

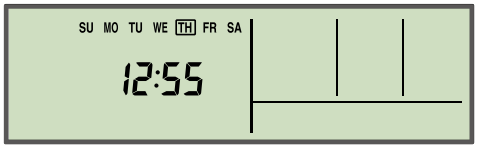
**Refer to 13-5. FUNCTION DETAILS**

MULTI TYPE
2, 3, 4 ROOMS TYPE

## ■ COMPLETION OF FUNCTION SETTING MODE

6) To clear the function setting mode and return to the regular display, hold down the three buttons "SET TEMP. V", "SET TEMP. Λ" and "FAN" at the same time.




Normal mode display

*If no key entry is made for 60 seconds, even though none of the above buttons is pressed, the function setting mode will automatically be cleared.
(If the function setting mode is automatically cleared while setting addresses, activate the mode again according to the procedure in step 2.)

## ■ SETTING UP EACH INDOOR UNIT

Repeat the procedures in steps 1) through 6), and set up the indoor units requiring function setting.

## ■ RESET THE POWER AFTER SETTING UP FUNCTION OF ALL INDOOR UNITS

**Important**

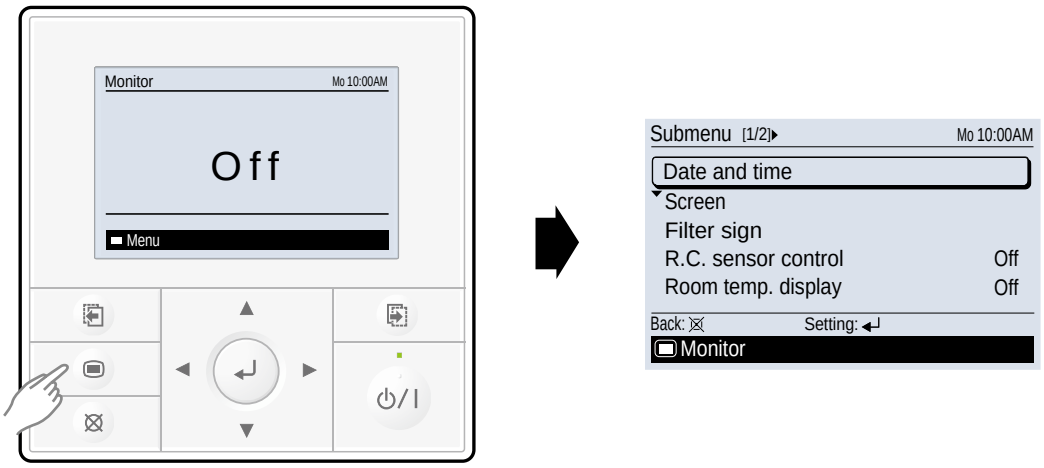
**∗ If the reset is not performed, function settings cannot be read in normally.**
**∗ After all the functions have been set, the circuit breaker needs to be switched off for at least 2 minutes.**
**After the 2 minutes has passed, power can be restored.**
**∗ The set function is stored in the PCB and will remain in memory even when the power is turned off.**
**However, the settings are only effective after the power is reset.**
**Record the function settings of the indoor unit on a label, etc., and affix the label to the unit so it can be used for after-sales service operations.**

MULTI TYPE
2, 3, 4 ROOMS TYPE

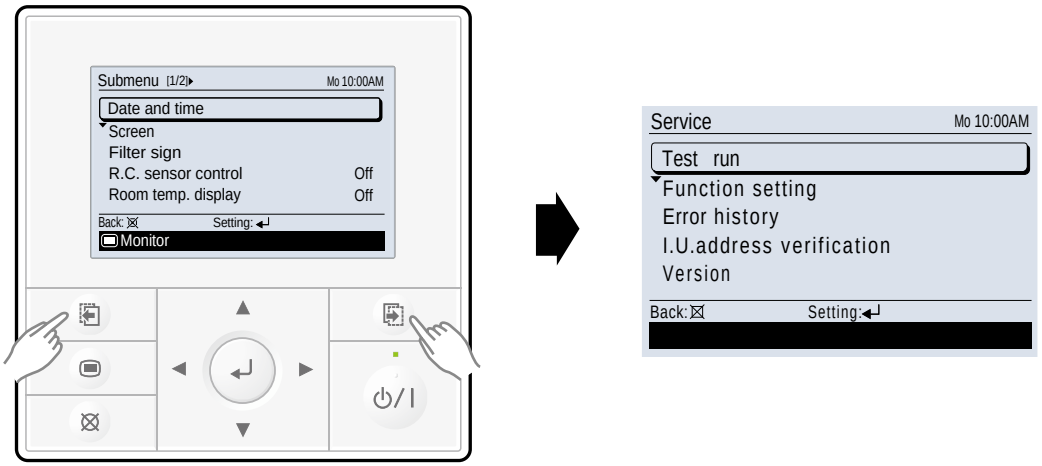
# 13-3-2. MODEL: UTY-RVN∗M

## ■ SWITCHING SELECTION OF FUNCTION SETTING MODE

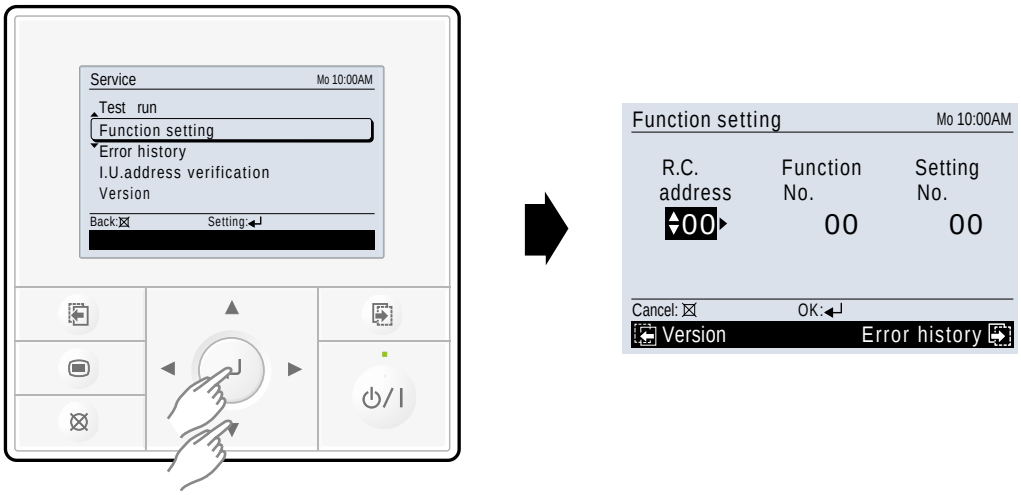
2) When [Menu button] is pressed twice while “Monitor” screen is displayed, it switches to the “Submenu” screen. If [Menu button] is pressed while the “Submenu” screen is displayed, the display returns to the “Monitor” screen.




Press the [Screen switch button (Left)] and [Screen switch button (Right)] simultaneously for 5 seconds to switch to “Service” screen.



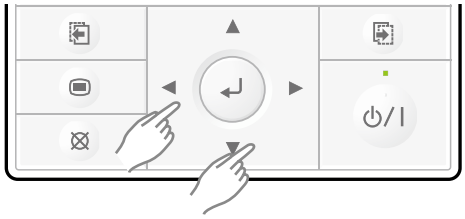

Select [Function setting] with pressing the [Cursor button (Up/Down)], and press the [Enter button].

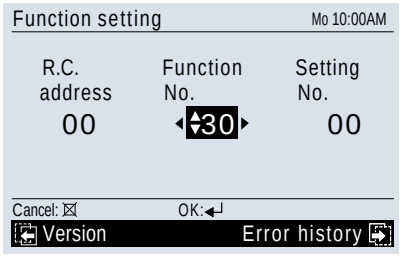


MULTI TYPE
2, 3, 4 ROOMS TYPE

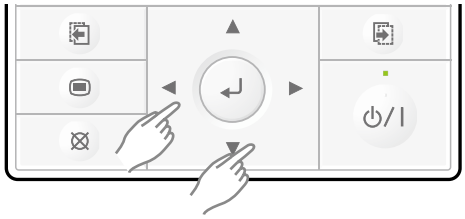
# ■ FUNCTION SETTING

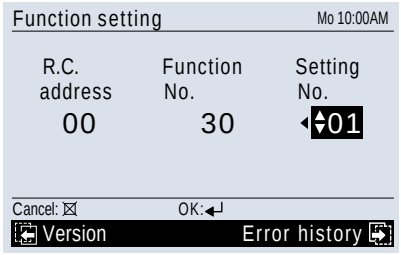
3) Select the [Function No.] by pressing the [Cursor button (Left/Right)], and select the Function No. to be set by pressing the [Cursor button (Up/Down)].



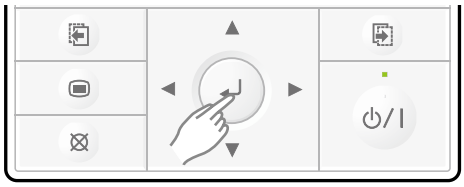


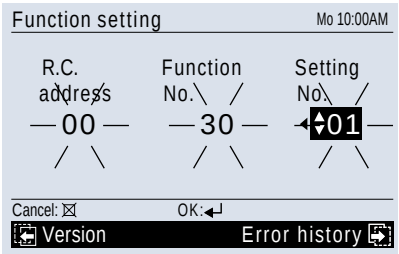

4) Select the [Setting No.] by pressing the [Cursor button (Left/Right)], and select the Setting No. to be set by pressing the [Cursor button (Up/Down)].





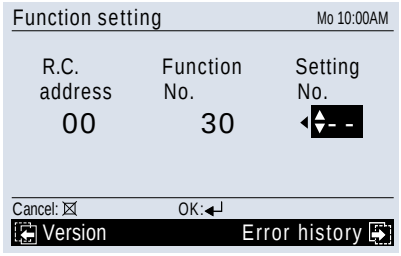

5) Pressing the [Enter button], confirm the setting.
(The data will be transferred to the indoor unit.)



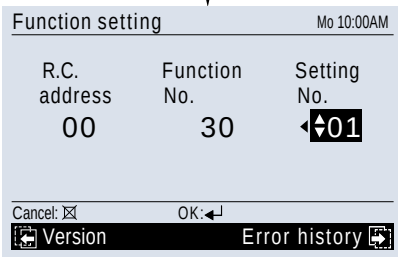



ERROR

GOOD




- When the data was not set up on the indoor unit "--" is displayed.
- Set up the data again according to the procedure in step 3), 4) above.




When the data was correctly set up on the indoor unit
(Flashing display changes to illuminated display.)

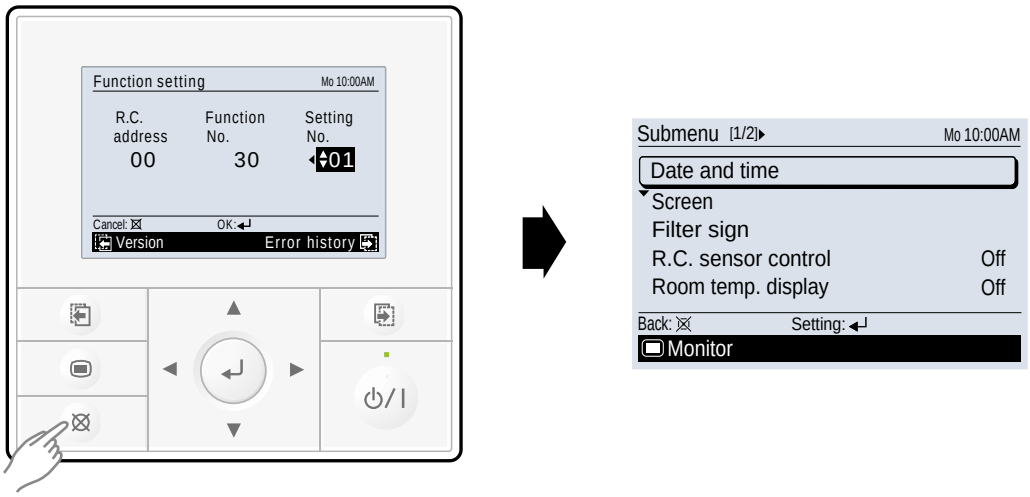
# ■ FUNCTION DETAILS

**Refer to 13-5. FUNCTION DETAILS**

MULTI TYPE
2, 3, 4 ROOMS TYPE

## ■ COMPLETION OF FUNCTION SETTING MODE

6) When [Cancel button] is pressed twice while “Function setting” screen is displayed, it switches to the “Submenu” screen.




*If no key entry is made for 60 seconds, even though none of the above buttons is pressed, the function setting mode will automatically be cleared.
(If the function setting mode is automatically cleared while setting addresses, activate the mode again according to the procedure in step 2).

## ■ SETTING UP EACH INDOOR UNIT

Repeat the procedures in steps 1) through 6), and set up the indoor units requiring function setting.

## ■ RESET THE POWER AFTER SETTING UP FUNCTION OF ALL INDOOR UNITS

**Important**

**∗ If the reset is not performed, function settings cannot be read in normally.**
**∗ After all the functions have been set, the circuit breaker needs to be switched off for at least 2 minutes.**
**After the 2 minutes has passed, power can be restored.**
**∗ The set function is stored in the PCB and will remain in memory even when the power is turned off.**
**However the function setting are only effective after the power is reset.**
**Record the function settings of the indoor unit on a label, etc., and affix the label to the unit so it can be used for after-sales service operations.**

MULTI TYPE
2, 3, 4 ROOMS TYPE

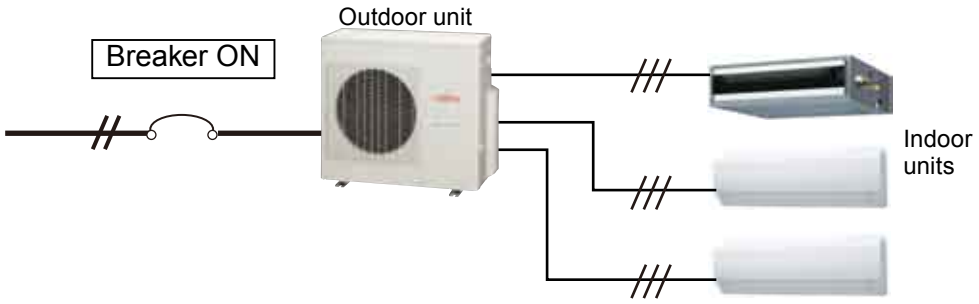
# 13-4. INDOOR UNIT (setting by simple remote controller)

- The function settings of the control of the indoor unit can be changed by this procedure according to the installation conditions. Incorrect settings can cause the indoor unit to malfunction.
- After the power is turned on, perform the Function Setting according to the installation conditions using the remote controller.
- The settings may be selected between the following two: Function Number and Setting Number.
- Settings will not be changed if invalid numbers or setting numbers are selected.
- This function cannot be used on secondary units.

## ■ PREPARATION

(1) Turn on the power to the Outdoor unit.

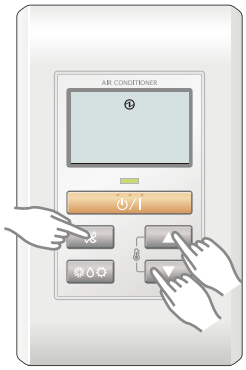
- Before turning on the power indoor units, make sure the piping air-tight test and vacuuming have been conducted.
- Also check again to make sure no wiring mistakes were made before turning on the power.

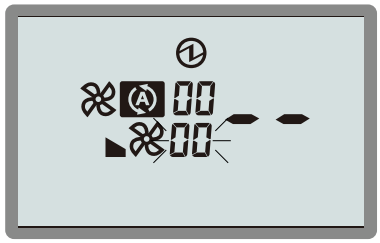


MULTI TYPE
2, 3, 4 ROOMS TYPE

## ■ SWITCHING SELECTION OF FUNCTION SETTING MODE

2) To activate the function setting mode, hold down the three buttons "Set Temp. ▼", "Set Temp. ▲" and "Fan" at the same time for 5 seconds or longer.

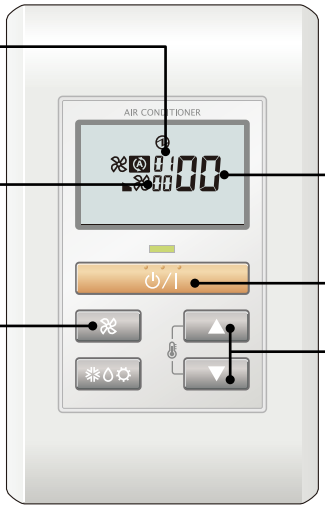




Function setting mode initial display

## ■ BUTTON NAME AND FUNCTION

- During function setting mode, indoor unit will reject any operation command from the remote controller.



**Function number**

Refer to FUNCTION DETAILS

**Remote controller address**

Fixed to 00.

**Fan button**

Each time this button is pressed, the fan setting changes among “Remote controller address,” “Function number” and “Setting number.”

**Setting number**

Refer to FUNCTION DETAILS

**Start/Stop button**

Transmits function setting

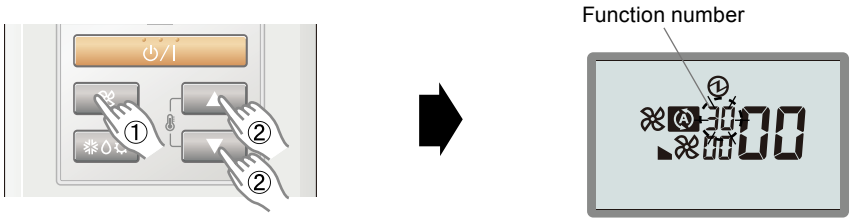
**Set Temp. “▲” and “▼” button**

Switches the various numbers.

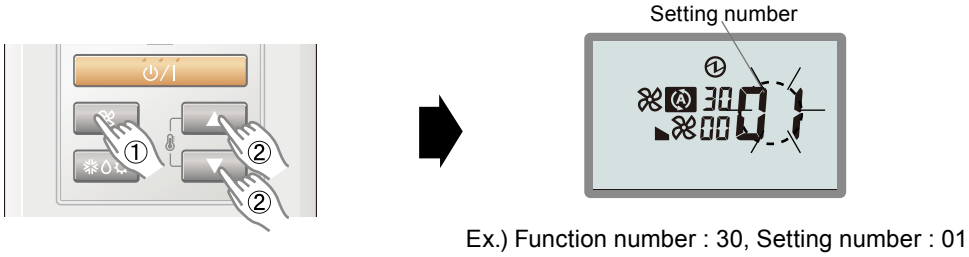
MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■ FUNCTION SETTING

3) Press the "Fan" button so that the “Function number” display flashes. Then, press either the "Set Temp. ▲" button or the "Set Temp. ▼" button to set up the function number.

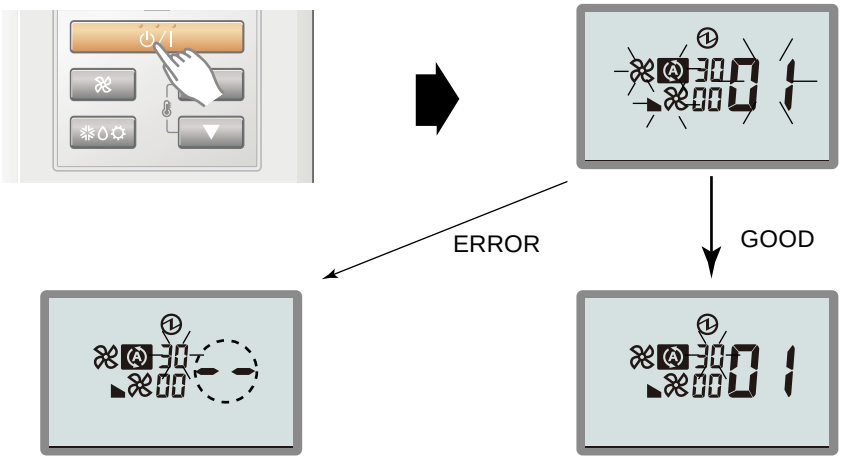



4) Press the Fan button so that the “Setting number” display flashes. Then, press either the Set Temp. ▲ button or the Set Temp. ▼ button to set up the setting number.




Ex.) Function number : 30, Setting number : 01

5) Pressing the Start/Stop button, confirm the setting.
(The data will be transferred to the indoor unit.)




- When the data was not set up on the indoor unit "--" is displayed.
- Set up the data again according to the procedure in step 3), 4) above.

When the data was correctly set up on the indoor unit.

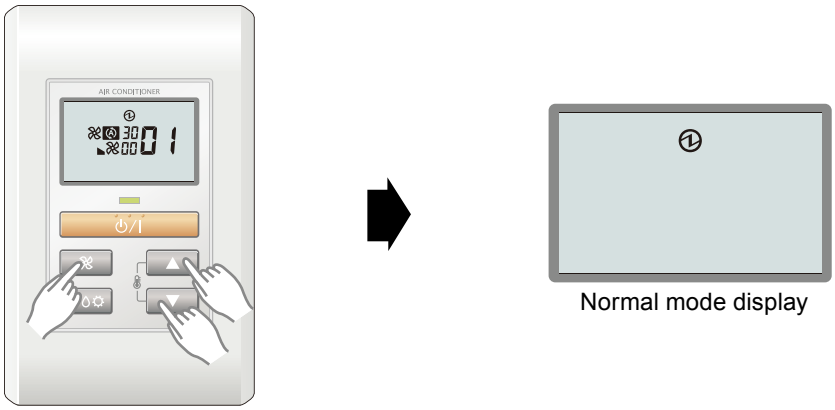
# ■ FUNCTION DETAILS

**Refer to 13-5. FUNCTION DETAILS**

MULTI TYPE
2, 3, 4 ROOMS TYPE

## ■ COMPLETION OF FUNCTION SETTING MODE

6) Press the three buttons "Set Temp. ▲", "Set Temp. ▼" and "Fan" at the same time for 5 seconds or longer. The function setting mode will be cleared and the regular display will be restored.




Normal mode display

*If no key entry is made for 60 seconds, even though none of the above buttons is pressed, the function setting mode will automatically be cleared.
(If the function setting mode is automatically cleared while setting addresses, activate the mode again according to the procedure in step 2).

## ■ SETTING UP EACH INDOOR UNIT

Repeat the procedures in steps 1) through 6), and set up the indoor units requiring function setting.

## ■ RESET THE POWER AFTER SETTING UP FUNCTION OF ALL INDOOR UNITS

**Important**

**∗ If the reset is not performed, function settings cannot be read in normally.**
**∗ After all the functions have been set, the circuit breaker needs to be switched off for at least 2 minutes.**
**After the 2 minutes has passed, power can be restored.**
**∗ The set function is stored in the PCB and will remain in memory even when the power is turned off.**
**However, the settings are only effective after the power is reset.**
**Record the function settings of the indoor unit on a label, etc., and affix the label to the unit so it can be used for after-sales service operations.**

MULTI TYPE
2, 3, 4 ROOMS TYPE

# 13-5. FUNCTION DETAILS

| | Functions | Compact cassette | Slim duct | Wall mounted | Floor / Ceiling | Floor |
|---|---|---|---|---|---|---|
| 1) | Filter sign | ● | ● | ● | ● | ● |
| 2) | Ceiling height | ● | - | - | ● | - |
| 3) | Outlet directions | ● | - | - | - | - |
| 4) | Embedding the indoor unit in a wall | - | - | - | - | ● |
| 5) | Static pressure | - | ● | - | - | - |
| 6) | Cooler room temperature correction | ● | ● | ● | ● | ● |
| 7) | Heater room temperature correction | ● | ● | ● | ● | ● |
| 8) | Auto restart | ● | ● | ● | ● | ● |
| 9) | Indoor room temperature sensor switching function | ● | ● | ● | ● | ● |
| 10) | Remote controller signal code | ● | ● | ● | ● | ● |
| 11) | External input control | ● | ● | ● | ● | ● |
| 12) | Indoor unit fan control for energy saving | ● | ● | ● | ● | ● |

### 1) Filter sign

The indoor unit has a sign to inform the user that it is time to clean the filter. Select the time setting for the filter sign display interval in the table below according to the amount of dust or debris in the room. If you do not wish the filter sign to be displayed, select the setting value for "No indication".

(◆... Factory setting)

| | Setting description | Function number | Setting value |
|---|---|---|---|
| | Standard | 11 | 00 |
| | Long interval | | 01 |
| | Short interval | | 02 |
| ◆ | No indication | | 03 |

The filter sign interval time is different according to Indoor unit type as follows.

| Setting description | Comapact Cassette | Slim Duct | Wall Mounted | Floor / Ceiling | Floor |
|---|---|---|---|---|---|
| Standard | 2500 hours | 400 hours | | | |
| Long interval | 4400 hours | 1000 hours | | | |
| Short interval | 1250 hours | 200 hours | | | |

### 2) Ceiling height

Select the setting values in the table below according to the height of the ceiling.

(◆... Factory setting)

| | Setting description | Function number | Setting value |
|---|---|---|---|
| ◆ | Standard | 20 | 00 |
| | High ceiling | | 01 |

### 3) Outlet directions

Select the setting values in the table below for using a 3-way outlet.

(◆... Factory setting)

| | Setting description | Function number | Setting value |
|---|---|---|---|
| ◆ | 4-way | 22 | 00 |
| | 3-way | | 01 |

MULTI TYPE
2, 3, 4 ROOMS TYPE

### 4) Embedding the indoor unit in a wall

When embedding the indoor unit in a wall, restrict the movement of the horizontal vane for the upper air outlet so that it only operates horizontally.

(◆... Factory setting)

| | Setting description | Function number | Setting value |
|---|---|---|---|
| ◆ | Standard | 23 | 00 |
| | (Setting forbidden) | | 01 |
| | In a wall | | 02 |

### 5) Static pressure

Select appropriate static pressure according to the installation conditions.

(◆... Factory setting)

| | Setting description | Function number | Setting value |
|---|---|---|---|
| | 0 Pa | 26 | 00 |
| | 10 Pa | | 01 |
| | 20 Pa | | 02 |
| | 30 Pa | | 03 |
| | 40 Pa | | 04 |
| | 50 Pa | | 05 |
| | 60 Pa | | 06 |
| | 70 Pa | | 07 |
| | 80 Pa | | 08 |
| | 90 Pa | | 09 |
| ◆ | 25 Pa [Standard] | | 31 |

### 6) Cooler room temperature correction

Depending on the installed environment, the room temperature sensor may require a correction.
The settings may be selected as shown in the table below.

(◆... Factory setting)

| | Setting description | Function number | Setting value |
|---|---|---|---|
| ◆ | Standard | 30 | 00 |
| | Slightly lower control | | 01 |
| | Lower control | | 02 |
| | Warmer control | | 03 |

When using floor console installation, change the setting value to "01".
(Only Slim duct type and Floor/Ceiling type)

### 7) Heater room temperature correction

Depending on the installed environment, the room temperature sensor may require a correction.
The settings may be changed as shown in the table below.

(◆... Factory setting)

| | Setting description | Function number | Setting value |
|---|---|---|---|
| ◆ | Standard | 31 | 00 |
| | Lower control | | 01 |
| | Slightly warmer control | | 02 |
| | Warmer control | | 03 |

When using floor console installation, change the setting value to "01".
(Only Slim duct type and Floor/Ceiling type)

MULTI TYPE
2, 3, 4 ROOMS TYPE

### 8) Auto restart

Enable or disable automatic system restart after a power outage.

(◆... Factory setting)

| | Setting description | Function number | Setting value |
|---|---|---|---|
| ◆ | Yes | 40 | 00 |
| | No | | 01 |

*Auto restart is an emergency function such as for power failure etc.
Do not start and stop the indoor unit by this function in normal operation.
Be sure to operate by the control unit, or external input device.

### 9) Indoor room temperature sensor switching function

(Only for Wired remote controller)

The following settings are needed when use the control by Wired remote controller temperature sensor.

(◆... Factory setting)

| | Setting description | Function number | Setting value |
|---|---|---|---|
| ◆ | No | 42 | 00 |
| | Yes | | 01 |

*If setting value is “00” :
Room temperature is controlled by the indoor unit temperature sensor.

*If setting value is “01” :
Room temperature is controlled by either indoor unit temperature sensor or remote controller unit sensor.

### 10) Remote controller signal code

Change the indoor unit Signal Code, depending on the remote controllers.

(◆... Factory setting)

| | Setting description | Function number | Setting value |
|---|---|---|---|
| ◆ | A | 44 | 00 |
| | B | | 01 |
| | C | | 02 |
| | D | | 03 |

### 11) External input control

"Operation/Stop" mode or "Forced stop" mode can be selected.

(◆... Factory setting)

| | Setting description | Function number | Setting value |
|---|---|---|---|
| ◆ | Operation/Stop mode | 46 | 00 |
| | (Setting forbidden) | | 01 |
| | Forced stop mode | | 02 |

### 12) Indoor unit fan control for energy saving (Only cooling mode)

Enable or disable indoor unit fan control when the outdoor unit is stopped.

(◆... Factory setting)

| | Setting description | Function number | Setting value |
|---|---|---|---|
| | No | 49 | 00 |
| ◆ | Yes | | 01 |

*If setting value is “00” :
When the outdoor unit is stopped, the indoor unit fan operates following the setting on the remote controller continuously.

*If setting value is “01” :
When the outdoor unit is stopped, the indoor unit fan operates at very low speed intermittently.

MULTI TYPE
2, 3, 4 ROOMS TYPE

# 13-6. WIRED REMOTE CONTROLLER

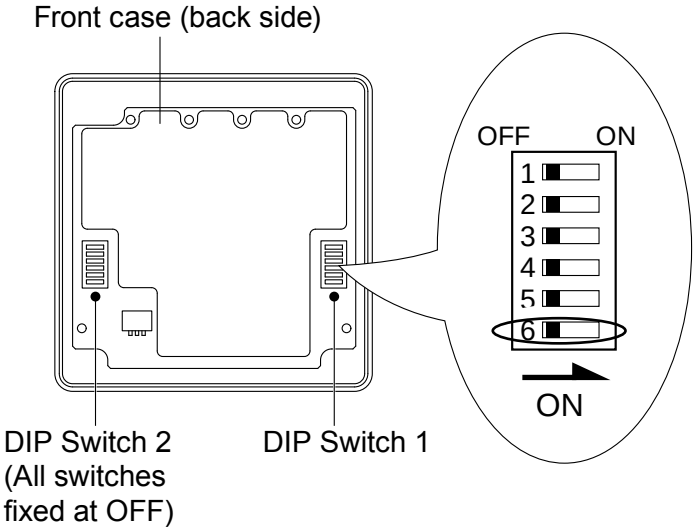
## 13-6-1. MODEL: UTY-RNN*M

| | | |
|---|---|---|
| DIP Switch 1 | SW1 | Forbidden |
| | SW2 | Dual remote controller setting |
| | SW3 | Forbidden |
| | SW4 | °F / °C switch |
| | SW5 | Forbidden |
| | SW6 | Memory backup setting |

* Do not use DIP Switch 2

### ■ SWITCH POSITION

#### ● Wired remote controller



MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■ DIP SWITCH 1 SETTING

## ● SW1 setting forbidden

(◆...Factory setting)

| | SW1 | |
|---|---|---|
| ◆ | OFF | Fixed at OFF |
| | ON | Setting forbidden |

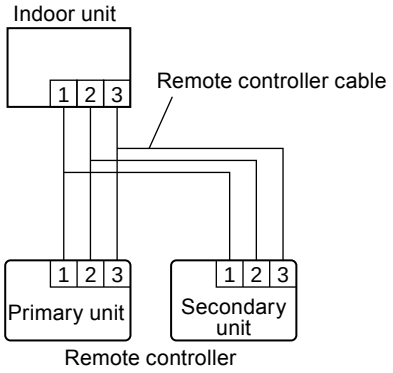
## ● SW2 setting

### ● Dual remote controller setting

Set the remote controller SW2 according to the following table.

(◆...Factory setting)

| | Number of remote controller | Primary unit | Secondary unit |
|---|---|---|---|
| | | SW2 | SW2 |
| ◆ | 1 (Normal) | OFF | - |
| | 2 (Dual) | OFF | ON |




## ● SW3 setting forbidden

(◆...Factory setting)

| | SW3 | |
|---|---|---|
| ◆ | OFF | Fixed at OFF |
| | ON | Setting forbidden |

## ● SW4 setting

### ● °F / °C switch

Temperature display is Fahrenheit(°F) / Celsius(°C)

(◆...Factory setting)

| | SW4 | |
|---|---|---|
| ◆ | OFF | °C |
| | ON | °F |

MULTI TYPE
2, 3, 4 ROOMS TYPE

## ●SW5 setting forbidden

(◆...Factory setting)

| | SW5 | |
|---|---|---|
| ◆ | OFF | Fixed at OFF |
| | ON | Setting forbidden |

## ●SW6 setting

### ●Memory backup setting

Set to ON to use batteries for the memory backup.

If batteries are not used, all of settings stored in memory will be deleted if there is a power failure.

(◆...Factory setting)

| | SW6 | Memory backup |
|---|---|---|
| ◆ | OFF | Invalidity |
| | ON | Validity |

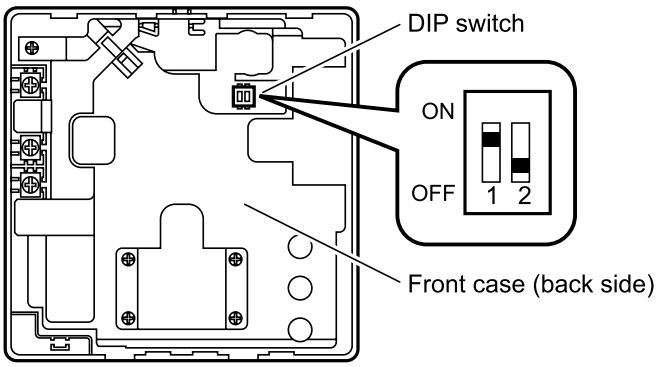
MULTI TYPE
2, 3, 4 ROOMS TYPE

# 13-6-2. MODEL: UTY-RVN∗M

| | | |
|---|---|---|
| DIP Switch | SW1 | Memory backup setting |
| | SW2 | Dual remote controller setting |

## ■ SWITCH POSITION

### ● Wired remote controller




## ■ DIP SWITCH SETTING

### ● Memory backup setting

Set to ON to use batteries for the memory backup.

If batteries are not used, all of settings stored in memory will be deleted if there is a power failure.

(◆...Factory setting)

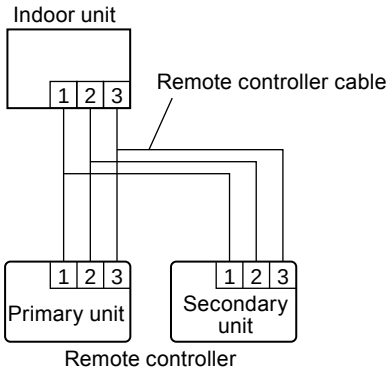
| | SW1 | Memory backup |
|---|---|---|
| ◆ | OFF | Invalidity |
| | ON | Validity |

### ● Dual remote controller setting

Set the remote controller SW2 according to the following table.

(◆...Factory setting)

| | Number of remote controller | Primary unit | Secondary unit |
|---|---|---|---|
| | | SW2 | SW2 |
| ◆ | 1 (Normal) | OFF | - |
| | 2 (Dual) | OFF | ON |



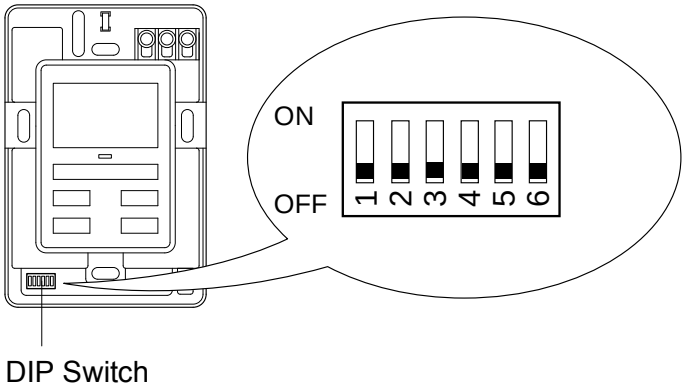
MULTI TYPE
2, 3, 4 ROOMS TYPE

# 13-7. SIMPLE REMOTE CONTROLLER

| | | |
|---|---|---|
| DIP Switch | SW1 | Forbidden |
| | SW2 | Dual remote controller setting |
| | SW3 | °F / °C switch |
| | SW4 | Forbidden |
| | SW5 | Forbidden |
| | SW6 | Forbidden |

## ■ SWITCH POSITION

### ● Simple remote controller



MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■ DIP SWITCH SETTING

## ● SW1 setting forbidden

(◆...Factory setting)

| | SW1 | |
|---|---|---|
| ◆ | OFF | Fixed at OFF |
| | ON | Setting forbidden |

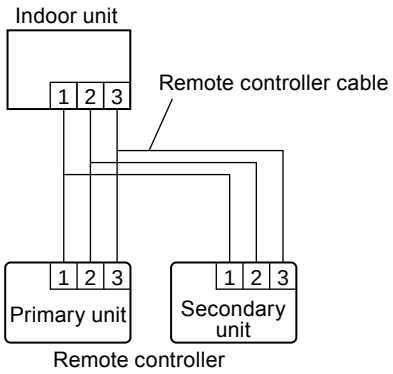
## ● SW2 setting

### ● Dual remote controller setting

Set the remote controller SW2 according to the following table.

(◆...Factory setting)

| | Number of remote controller | Primary unit | Secondary unit |
|---|---|---|---|
| | | SW2 | SW2 |
| ◆ | 1 (Normal) | OFF | - |
| | 2 (Dual) | OFF | ON |




## ● SW3 setting

### ● °F / °C switch

Temperature display is Fahrenheit(°F) / Celsius(°C)

(◆...Factory setting)

| | SW3 | |
|---|---|---|
| ◆ | OFF | °C |
| | ON | °F |

## ● SW4 setting forbidden

(◆...Factory setting)

| | SW4 | |
|---|---|---|
| ◆ | OFF | Fixed at OFF |
| | ON | Setting forbidden |

MULTI TYPE
2, 3, 4 ROOMS TYPE

## ● SW5 setting forbidden

(◆...Factory setting)

| | SW5 | |
|---|---|---|
| ◆ | OFF | Fixed at OFF |
| | ON | Setting forbidden |

## ● SW6 setting forbidden

(◆...Factory setting)

| | SW6 | |
|---|---|---|
| ◆ | OFF | Fixed at OFF |
| | ON | Setting forbidden |

MULTI TYPE
2, 3, 4 ROOMS TYPE

# 14. OPTIONAL PARTS

## 14-1. CONTROLLER

### ■ LINE UP

| Type | Model | Indoor units | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Compact Cassette | Slim Duct | Wall mounted | | | | Floor / Ceiling | Floor |
| | | | | LJ | LU | LM | LF | | |
| Wired Remote Controller | UTY-RVN∗M | O | O | O *1 | O *2 | O *3 | O | O | O |
| | UTY-RNN∗M | O | ● | O *1 | O *2 | O *3 | O | O | O |
| Wireless Remote Controller | AR-RAH2E | - | - | - | - | - | ● | ● | - |
| | AR-RAH1E | ● | - | ● | - | - | - | - | ● |
| | AR-REA2E | - | - | - | ● | - | - | - | - |
| | AR-REB1E | - | - | - | - | ● | - | - | - |
| IR Receiver Unit | UTY-LRH∗M | - | O | - | - | - | - | - | - |
| Simple Remote Controller | UTY-RSN∗M | O | O | O *1 | O *2 | O *3 | O | O | O |

●: Accessory, O: Optional, -: Not applicable.

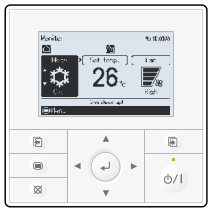
*1: Optional Communication kit (UTY-XCBXZ1) is necessary for the installation.

*2: Optional Communication kit (UTY-TWBXF) is necessary for the installation.

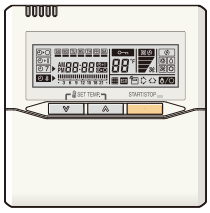
*3: Optional Communication kit (UTY-XCBXZ2) is necessary for the installation.

### ■ INDIVIDUAL CONTROL

**Wired Remote Controller**



UTY-RVN∗M



UTY-RNN∗M

**Simple Remote Controller**



UTY-RSN∗M

**Wireless Remote Controller**



AR-RAH2E



AR-RAH1E



AR-REA2E



AR-REB1E

**IR Receiver Unit**



UTY-LRH∗M

MULTI TYPE
2, 3, 4 ROOMS TYPE

# 14-2. OTHERS

## ■ LINE UP

| Type | Model | Indoor units | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Compact Cassette | Slim Duct | Wall mounted | | | | Floor / Ceiling | Floor |
| | | | | LJ | LU | LM | LF | | |
| Cassette grille | UTG-UF∗D-W | O | - | - | - | - | - | - | - |
| Air outlet shutter plate | UTR-YDZB | O | - | - | - | - | - | - | - |
| Insulation kit for high humidity | UTZ-KXGC | O | - | - | - | - | - | - | - |
| Fresh air intake kit | UTZ-VXAA | O | - | - | - | - | - | - | - |
| External control set | UTD-ECS5A | - | O | - | - | - | - | - | - |
| External connect kit | UTY-XWZX | O | - | O *1 | - | - | O | O | O |
| | UTY-XWZXZ5 | - | - | - | O *2 | O *3 | - | - | - |
| Remote sensor unit | UTY-XSZX | - | O | - | - | - | - | - | - |
| Auto louver grille kit | UTD-GXSA-W<br>UTD-GXSB-W | - | O | - | - | - | - | - | - |
| Communication kit | UTY-XCBXZ1 | - | - | O | - | - | - | - | - |
| | UTY-XCBXZ2 | - | - | - | - | O | - | - | - |
| | UTY-TWBXF | - | - | - | O | | - | - | - |
| Half concealed kit | UTR-STA | - | - | - | - | | - | - | O |

O: Optional, -: It is not possible to connect it.

*1: Optional Communication kit (UTY-XCBXZ1) is necessary for the installation.

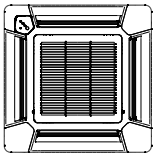
*2: Optional Communication kit (UTY-TWBXF) is necessary for the installation.

*3: Optional Communication kit (UTY-XCBXZ2) is necessary for installation.

MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■ PARTS

## Cassette grille
Model : UTG-UF✻D-W



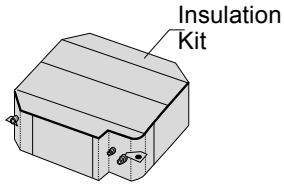
For Compact Cassette type

## Air outlet shutter plate
Models : UTR-YDZB



For Compact Cassette type

## Insulation kit for high humidity
Model : UTZ-KXGC



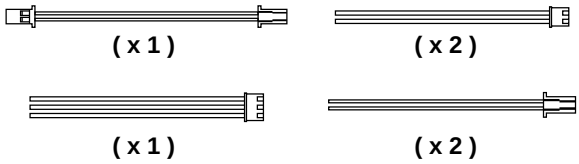

For Compact Cassette type

## Fresh air intake kit
Model : UTZ-VXAA



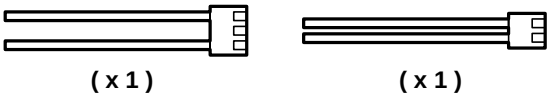
For Compact Cassette type

## External control set
Model : UTD-ECS5A



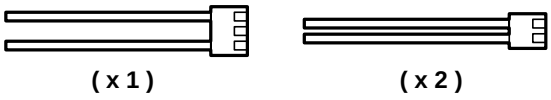

For Slim Duct type

## External connect kit
Model : UTY-XWZX




For Compact Cassette, Wall Mounted (LJ, LF),
Floor / Ceiling, Floor type

## External connect kit
Model : UTY-XWZXZ5



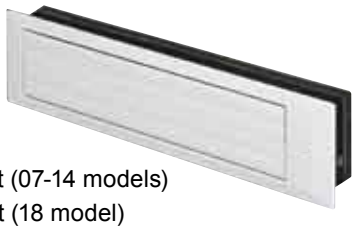

For Wall Mounted (LU, LM) type

## Remote sensor unit
Model : UTY-XSZX



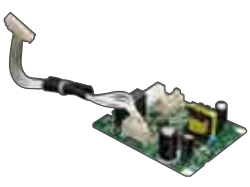
For Slim Duct type

## Auto louver grille kit
Models : UTD-GXSA-W *1
UTD-GXSB-W *2



*1 For Slim Duct (07-14 models)
*2 For Slim Duct (18 model)

## Communication kit
Model : UTY-XCBXZ1

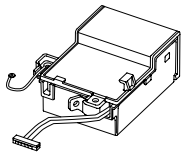


For Wall mounted (LJ) type

MULTI TYPE
2, 3, 4 ROOMS TYPE

# ■ PARTS

**Communication kit**
Model : UTY-XCBXZ2



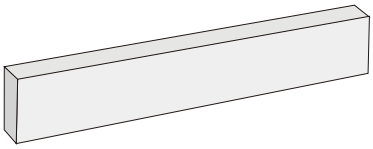
For Wall Mounted (LM) type

**Communication kit**
Model : UTY-TWBXF



For Wall mounted (LU) type

**Half concealed kit**
Model : UTR-STA



For Floor type

MULTI TYPE
2, 3, 4 ROOMS TYPE

# 15. INSTALLATION PRECAUTIONS

# 15-1. INDOOR UNIT INSTALLATION PRECAUTIONS

Note: The information listed below are general precautions.
Some models also include items that do not apply.

## ■ PLACES WHERE USE IS PROHIBITED

- •Places where there is danger of combustible gas leakage.
- •Places where sulfur gas, chlorine gas, acid, alkali, or other matter which effects equipment is generated
- •Places where there is a lot of oil splash and steam (kitchen, machinery room, etc.)
- •Places where machinery which generates high frequencies is used
- •Ocean beaches and other areas where there is a lot of salt
- •Places where carbon fibers and metal powder, powder, etc. is suspended in the air
- •Installation in vehicles, ships, and other conveyances
- •Factory, etc. where voltage fluctuations are large

## ■ POINTS TO REMEMBER WHEN INSTALLING

(1) The set shall be installed at a place which can withstand the weight and vibration of the indoor unit

(2) To allow maintenance after refrigerant piping, drain piping, and electric wiring connection and installation, provide an installation service space and an inspection port, as required.

*Installation service space is shown on " DIMENSIONS ".

(3) Be careful when installing the set at the following places.

**[Installation precautions]**

| | Contents | Countermeasures (Reference) |
|---|---|---|
| When the ceiling is high | If the indoor unit is installed where the installation height given in the installation manual is exceeded, the temperature difference between the floor and ceiling of the room will be large and the heating effect will be poor. Moreover, even if the indoor unit is installed within the installation height, a similar phenomena will occur when installed in a room in which the doors are opened and closed frequently and hot air circulation is obstructed by desks, chairs, etc. | (1) Switch the setting to the high ceiling mode.<br>(2) Install a circulator.<br>(3)Arrange the furniture in the room so that it does not obstruct the hot air. |
| When lower level is in direct contact with outside air. | When the lower level of shops and offices is a warehouse, parking lot, etc., the surface temperature of the flooring will become low and cold radiation from the floor will increase. In this case, your feet will feel cold even if the room temperature is suitable. | |
| When the air flow distribution is poor | When an indoor unit is installed in a position where the outlet air flow will directly contact people, a draft may be felt. In addition, when there are obstructions in the path of the intake and outlet air flow, the air distribution may become extremely bad. | (1) Adjust the louver fins or take other measures matched to the site.<br>(2)Change the indoor unit outlet. |

MULTI TYPE
2, 3, 4 ROOMS TYPE

## [Installation precautions]

| | Contents | Countermeasures (Reference) |
|---|---|---|
| When the temperature and humidity inside the ceiling is high | When the indoor unit is installed where the inside of the ceiling is 30°C (86°F) RH80% or greater, the dew point temperature of the outer perimeter may become higher than the cabinet surface temperature and moisture will condense on the surface of the cabinet and water drops may fall inside the room.<br>→Refer to Fig.A<br>In addition, the humidity may vary considerably the same as when the inside of the ceiling is close to hermetically sealed and used as the outside air intake path. | (1) Add heat insulating material to the outside of the indoor unit cabinet.<br>*Regarding the cassette type, use of the “high humidity correspondence kit (option)” is recommended.<br>(2) Strengthen the heat insulating material of the refrigerant piping and drain piping also<br>→Refer to Fig.B<br>(3) When the humidity inside the ceiling changes considerably, install a ventilation port |

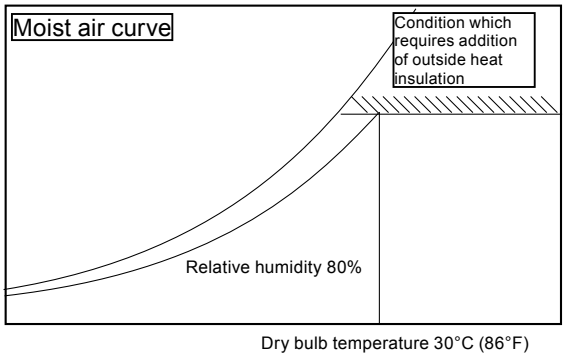



Fig.A

Work method when reinforcing the heat insulation of on-site piping

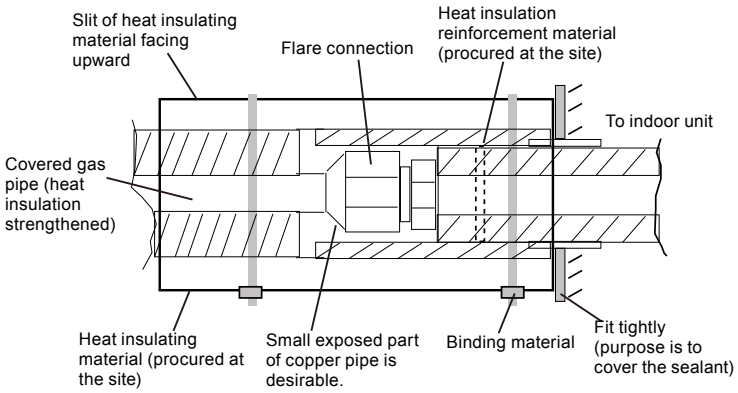



Fig.B

| | Contents | Countermeasures (Reference) |
|---|---|---|
| When using an external duct | When using an external duct to take in new fresh air, etc., condensation may form on the surface of the duct due to the effect of the outside air temperature and the humidity inside the ceiling. | (1) Always perform heat insulation processing.<br>(Heat insulating material: Glass wool 25mm (31/32 in.) thickness or more.) |
| When the remote controller installation is in an unsuitable place | If the cold or warm air blowing out from the air conditioner directly contacts the thermostat section of the remote controller, the outlet temperature of the air conditioner may be detected. Since the room temperature control will be based differently from the room temperature, troubles such as “not cooling" or “not heating”, etc. may occur.<br>In addition, there is the possbility that the same kind of trouble may also occur when the remote controller is effected by direct sunlight. | (1) Install the remote controller where it will not be directly exposed to the cold or hot air.<br>(2) Install the remote controller where it will not be directly exposed to sunlight or strong lighting |

MULTI TYPE
2, 3, 4 ROOMS TYPE

## [Installation precautions]

| | Contents | Countermeasures (Reference) |
|---|---|---|
| When the installation environment is quiet | When the Wall mounted type is installed in a bedroom, living room, or other quiet places, the sound of the refrigerant flow may be sensed as noise and must be taken into account. | (1) Plan installation of a model with external expansion valve.<br>(2) Plan installation of a branch box farther from indoor unit.<br>(3) Plan installation using another air conditioner. |
| When installing the duct type in a ceiling chamber system | In the case of the ceiling chamber system (duct is not installed at indoor unit inlet side and room air is sucked into the indoor unit through the inside of the ceiling), the thermistor inside the indoor unit may not correctly detect the room temperature.<br>Heating operation: Room is not heated because the indoor unit is easily turned off by the thermostat.<br>Cooling operation: Room is too cold because the indoor unit is difficult to turn off by the thermostat. | (1) Replace the indoor unit thermistor with a Remote sensor unit (optional parts) and install the sensor where the room temperature can be correctly detected |
| When the outlet air is sucked in at duct type | Cooling operation does not cool the room and heating operation does not heat the room because the short circuited indoor unit is not turned on by the thermostat. | (1) Reconsider the ventilation port construction<br>(2) Replace the indoor unit thermistor with a Remote sensor unit (optional parts) and install the sensor where the room temperature can be correctly detected. |
| When using the wireless remote controller | Signals may not be received when using it in a room illuminated by an inverter fluorescent lamp. | (1) Turn on the fluorescent lamp and check if the indoor unit receives the signals from the remote controller.<br>If the indoor unit does not receive the signals, consult an authorized service personnel. |
| When installing the inverter type | It may generate noise in TV sets, stereos and PCs. | (1) The inverter type should be installed at a sufficient distance from these equipments. |

# 2. OUTDOOR UNIT (2 ROOMS TYPE)

**MULTI TYPE :**

**AO∗G14LAC2**
**AO∗G18LAC2**

# CONTENTS

## 2. OUTDOOR UNIT (2 ROOMS TYPE)

1. SPECIFICATIONS ..... 02 - 01

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OUTDOOR UNIT
AO∗G14-18L2

# 1. SPECIFICATIONS

The following performance is a value at standard combinations.

## ■ STANDARD COMBINATION

**AO∗G14LAC2 : AS∗G07LJCA + AS∗G07LJCA**
**AO∗G18LAC2 : AS∗G09LJCA + AS∗G09LJCA**

| Type | | | | | INVERTER MULTI MODELS HEAT PUMP TYPE | |
|---|---|---|---|---|---|---|
| Model name | | | | | AO∗G14LAC2 | AO∗G18LAC2 |
| Power source | | | | | 230V ~ 50Hz | |
| Available voltage range | | | | | 198-264V ~ 50Hz | |
| Capacity | Cooling | Rated | | kW | 4.0 | 5.0 |
| | | | | Btu/h | 13600 | 17100 |
| | | Min. - Max. | | kW | 1.4 - 4.4 | 1.7 - 5.6 |
| | | | | Btu/h | 4700 - 15000 | 5800 - 19100 |
| | Heating | Rated | | kW | 4.4 | 5.6 |
| | | | | Btu/h | 15000 | 19100 |
| | | Min. - Max. | | kW | 1.1 - 5.4 | 1.8 - 6.1 |
| | | | | Btu/h | 3700 - 18400 | 6100 - 20800 |
| Input power | Cooling | Rated | | kW | 1.09 | 1.56 |
| | | Max. | | | 1.40 | 1.95 |
| | Heating | Rated | | | 1.03 | 1.41 |
| | | Max. | | | 1.78 | 1.90 |
| Current | Cooling | Rated | | A | 5.1 | 6.9 |
| | Heating | | | | 4.9 | 6.3 |
| EER | Cooling | Rated | | kW/kW | 3.67 | 3.21 |
| COP | Heating | | | | 4.27 | 3.97 |
| Starting current | | | | A | 5.1 | 6.9 |
| Maximum operating current | | | | A | 10.0 | 12.0 |
| Fan | Airflow rate | Cooling | | $m^3/h$ | 1850 | 2050 |
| | | Heating | | | 1850 | 2050 |
| | Type x Q'ty | | | | Propeller × 1 | |
| | Motor output | | | W | 50 | |
| Sound pressure level | | Cooling | | dB(A) | 47 | 50 |
| | | Heating | | | 49 | 51 |
| Heat exchanger type | | Dimension (H × W × D) | | mm | 504 × 850 × 36.4 | |
| | | Fin pitch | | | 1.4 | |
| | | Rows x Stages | | | 2 × 24 | |
| | | Pipe type | | | Copper tube | |
| | | Fin type | | | Aluminium | |
| Compressor | | Type x Q'ty | | | DC ROTARY × 1 | DC TWIN ROTARY × 1 |
| | | Motor output | | W | 750 | 900 |
| Refrigerant | | Type (Global Warming Potential) | | | R410A (1975) | |
| | | Charge | | g | 1250 | 1300 |
| Refrigerant oil | | Type | | | POE | |
| Enclosure | | Material | | | Steel sheet | |
| | | Colour | | | BEIGE (Approximate colour of MUNSELL 10YR7.5 / 1.0NN) | |
| Dimensions (H × W × D) | | Net | | mm | 540 × 790 × 290 | |
| | | Gross | | | 648 × 910 × 380 | |
| Weight | | Net | | kg | 37 | 38 |
| | | Gross | | | 41 | 42 |
| Connection pipe | | Size | Liquid | mm | Ø6.35 (Ø1/4 in.) × 2 | |
| | | | Gas | | Ø9.52 (Ø3/8 in.) × 2 | Ø9.52 (Ø3/8in.) × 2, [Ø12.70 (Ø1/2in.)] *1 |
| | | Method | | | Flare | |
| | | Pre-charge length (Total) | | m | 20 | |
| | | Max. length (Total) | | | 30 | |
| | | Max. length (Each) | | | 20 | |
| | | Min. length (Total) | | | 6 | |
| | | Min. length (Each) | | | 3 | |
| | | Max. height difference between Outdoor Unit and each Indoor Units. | | | 15 | |
| | | Max. height difference between Indoor Units. | | | 10 | |
| Operation range | | Cooling | | °C | 10 to 46 | |
| | | Heating | | | -15 to 24 | |

∗1: Connect to connection valve by the adapter

Note :

Specifications are based on the following conditions.

Cooling : Indoor temperature of 27°CDB / 19°CWB.and outdoor temperature of 35°CDB / 24°CWB.

Heating : Indoor temperature of 20°CDB / 15°CWB.and outdoor temperature of 7°CDB / 6°CWB.

Pipe length : 5m, Height difference : 0m. (Outdoor unit - indoor unit)

The protective function might work when using it outside the operation range.

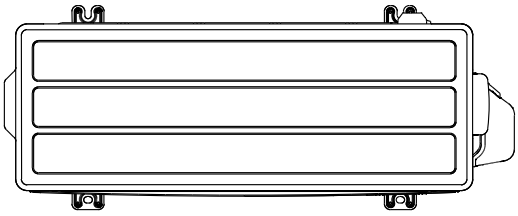
| Model name | | | | AO∗G14LAC2 | AO∗G18LAC2 |
|---|---|---|---|---|---|
| Energy efficiency class | Cooling | | | A++ | A++ |
| | Heating (Average) | | | A+ | A+ |
| Pdesign | Cooling | | kW | 4.0 (35˚C) | 5.0 (35˚C) |
| | Heating (Average) | | | 3.8 (-10˚C) | 4.2 (-10˚C) |
| SEER | Cooling | | kWh/kWh | 6.70 | 6.60 |
| SCOP | Heating (Average) | | | 4.10 | 4.10 |
| Annual energy consumption | QCE | | kWh/a | 209 | 265 |
| | QHE (Average) | | | 1296 | 1434 |
| Sound power level | Cooling | High | dB (A) | 61 | 63 |
| | Heating | | | 63 | 64 |

OUTDOOR UNIT
AO∗G14-18L2

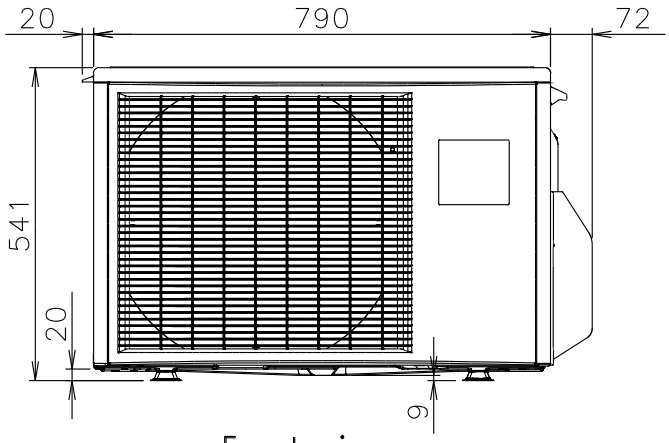
# 2. DIMENSIONS

## ■ MODEL: AO∗G14L2, AO∗G18L2

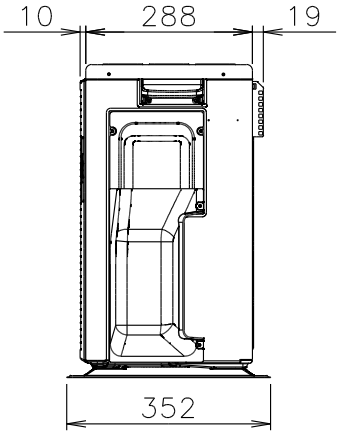
(Unit : mm)



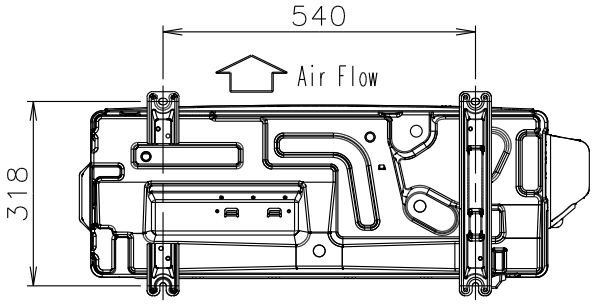
Top view



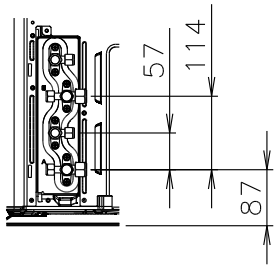

Front view




Side view




Bottom view

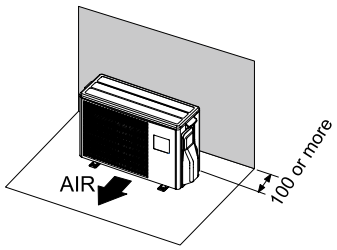



OUTDOOR UNIT
AO∗G14-18L2

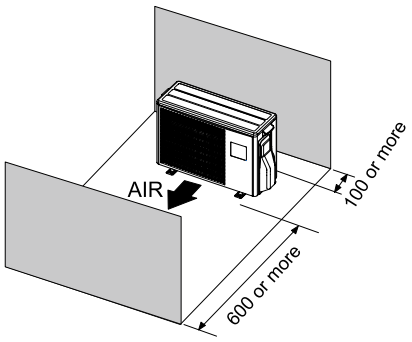
# ■ INSTALLATION PLACE

(Unit : mm)

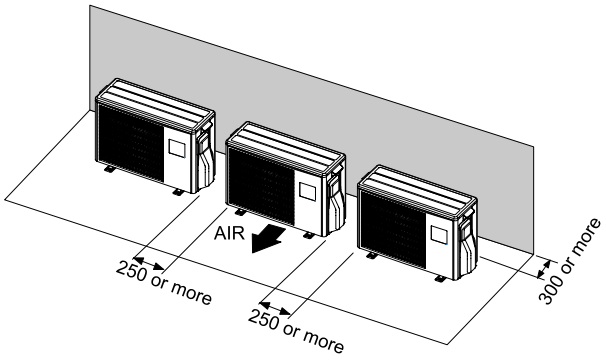
When there are obstacles at the back side.



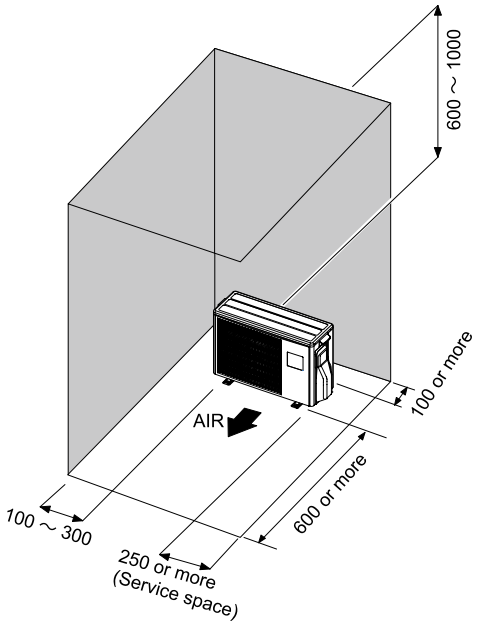

When there are obstacles at the back or front sides.




When there are obstacles at the back, side(s), and top.




When there are obstacles at the back, side with the installation of more than one unit.

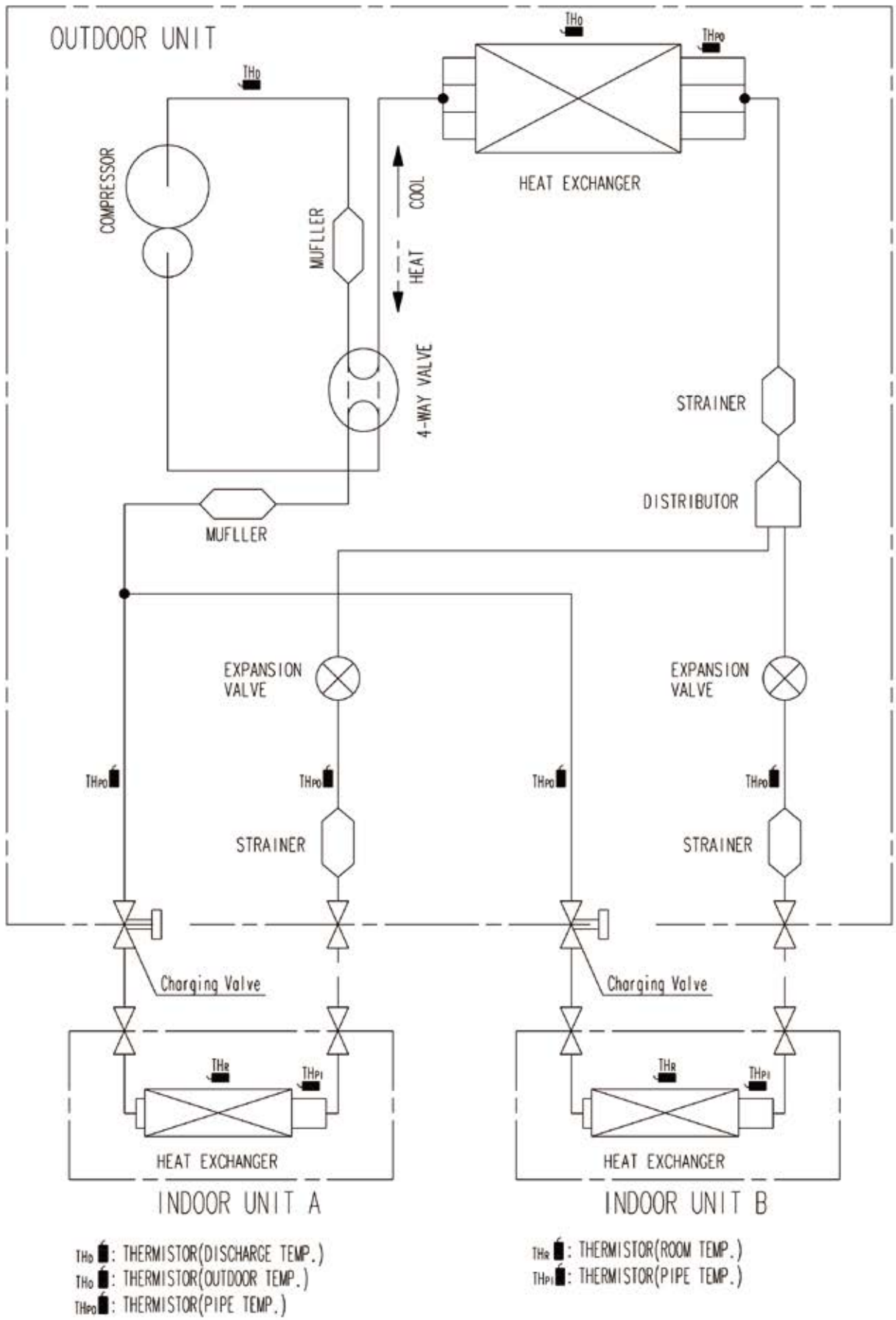



*If the space is larger that is stated, the condition will be the same as that are no obstacles.

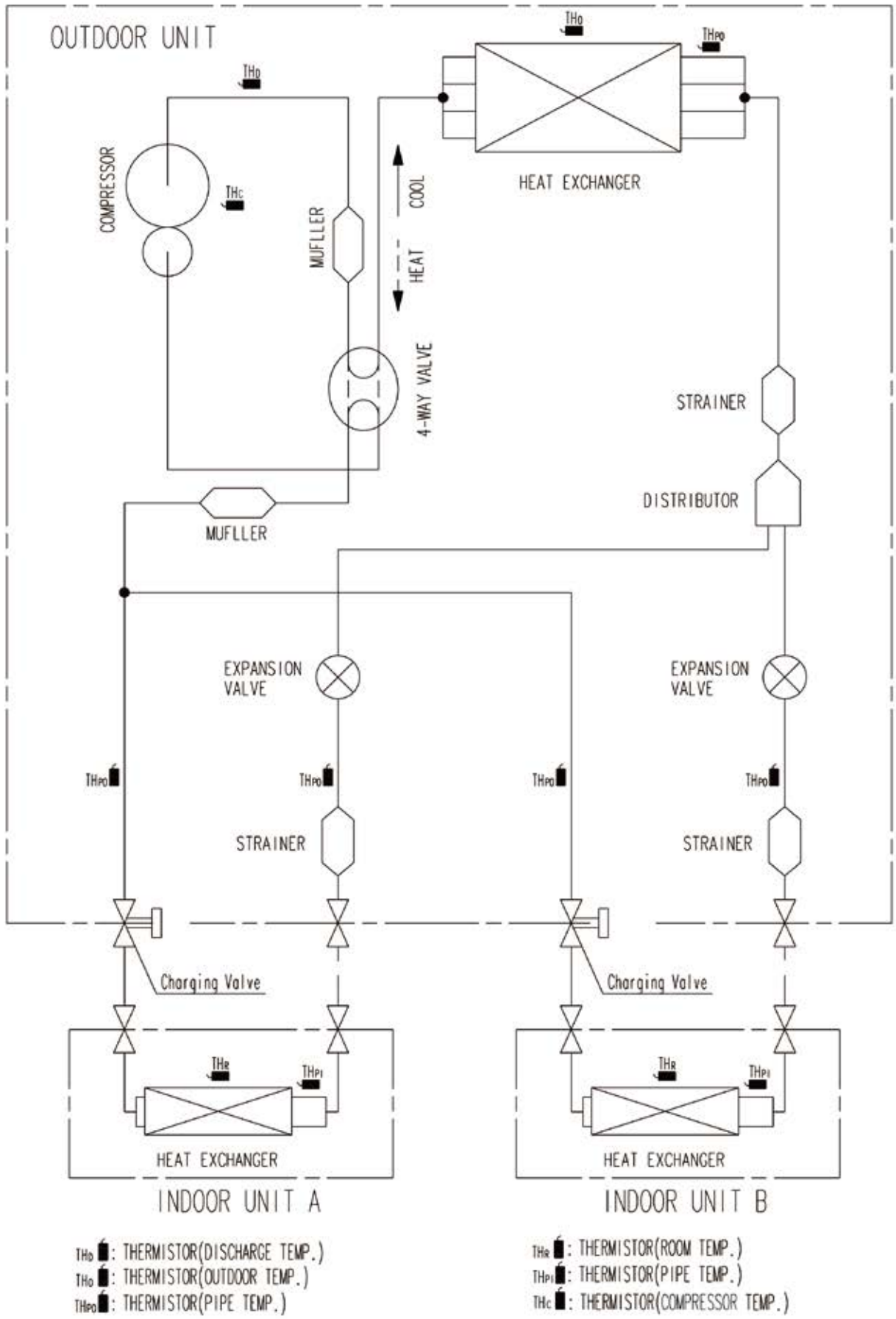
OUTDOOR UNIT
AO∗G14-18L2

# 3. REFRIGERANT CIRCUIT

## ■ MODEL: AO∗G14L2

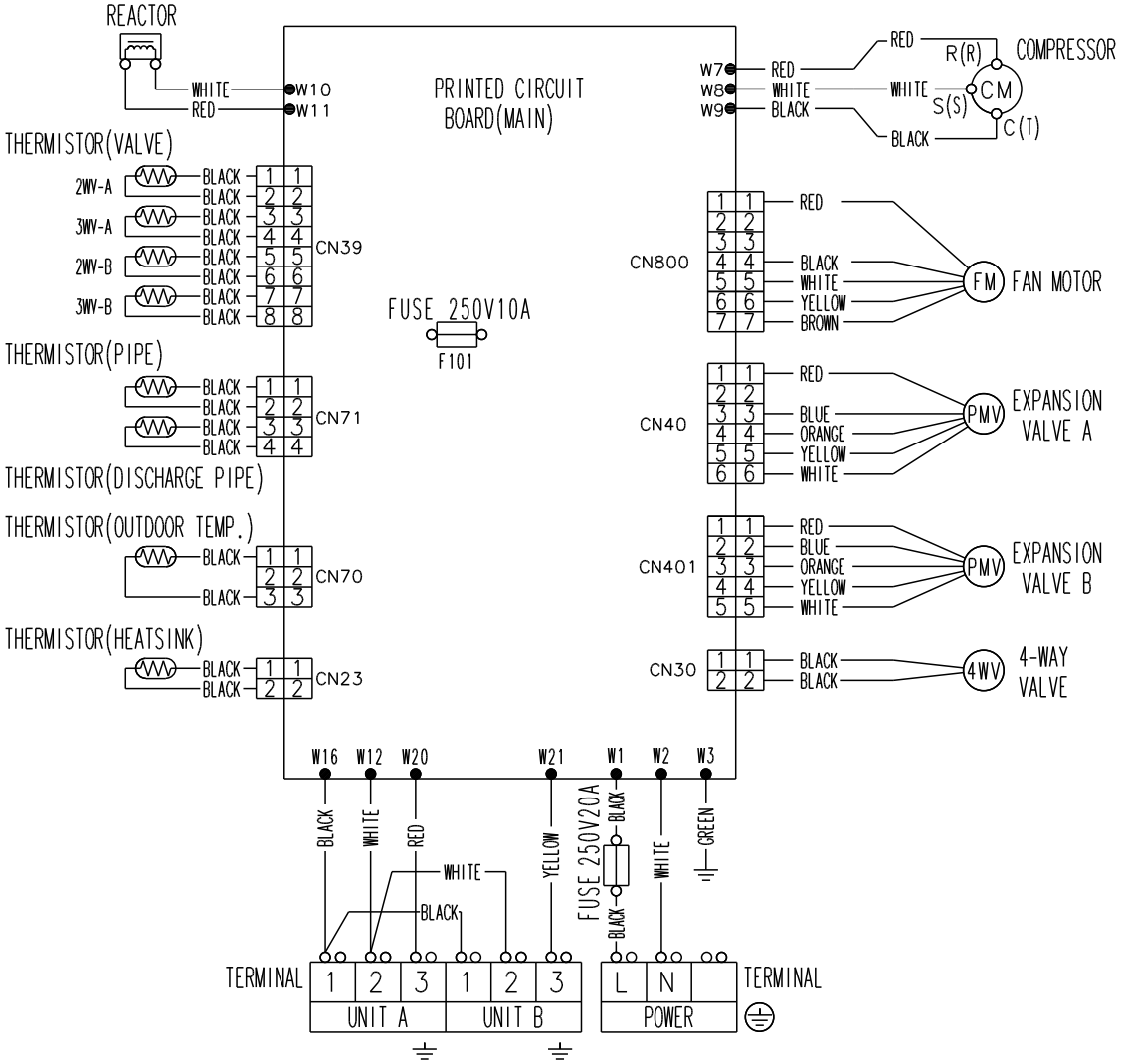


## ■MODEL: AO∗G18L2

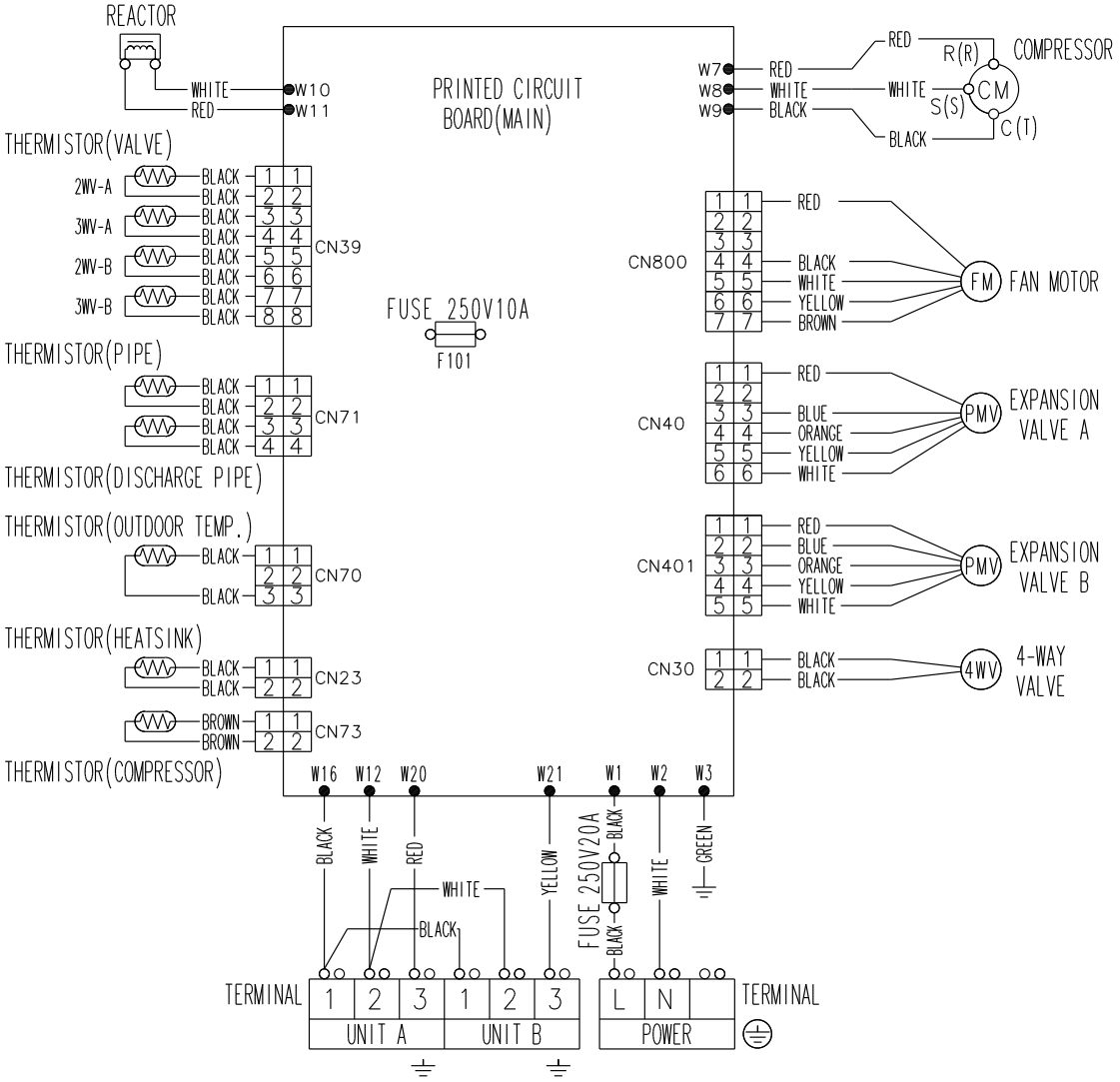


# 4. WIRING DIAGRAMS

## ■ MODEL: AO∗G14L2



# ■MODEL: AO∗G18L2



OUTDOOR UNIT
AO∗G14-18L2

# 5. CAPACITY TABLE

## 5-1. COMBINATIONS

## ■ MODEL: AO∗G14L2

### ● Cooling

| | Combination of Indoor Unit | | COOLING OPERATION | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Cooling Capacity | | | Input Power (min-max) | EER | Seasonal Data | | |
| | | | Room 1 | Room 2 | Total Capacity (min-max) | | | Pdesign | SEER | Energy Efficiency Class |
| | | | kW | kW | kW | kW | | kW | | |
| 2 Room | 7 | 7 | 2.00 | 2.00 | 4.00 ( 1.4 - 4.4 ) | 1.09 ( 0.35 - 1.40 ) | 3.67 | 4.0 | 6.7 | A++ |
| | 7 | 9 | 1.95 | 2.05 | 4.00 ( 1.4 - 4.4 ) | 1.09 ( 0.35 - 1.40 ) | 3.67 | 4.0 | 6.6 | A++ |
| | 7 | 12 | 1.65 | 2.35 | 4.00 ( 1.4 - 4.6 ) | 1.05 ( 0.35 - 1.47 ) | 3.81 | 4.0 | 6.5 | A++ |
| | 9 | 9 | 2.00 | 2.00 | 4.00 ( 1.4 - 4.5 ) | 1.09 ( 0.35 - 1.43 ) | 3.67 | 4.0 | 6.6 | A++ |
| | 9 | 12 | 1.70 | 2.30 | 4.00 ( 1.4 - 4.7 ) | 1.05 ( 0.35 - 1.47 ) | 3.81 | 4.0 | 6.5 | A++ |

### ● Heating

| | Combination of Indoor Unit | | HEATING OPERATION | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Heating Capacity | | | Input Power (min-max) | COP | Seasonal Data | | |
| | | | Room 1 | Room 2 | Total Capacity (min-max) | | | Pdesign | SCOP | Energy Efficiency Class |
| | | | kW | kW | kW | kW | | kW | | |
| 2 Room | 7 | 7 | 2.20 | 2.20 | 4.40 ( 1.1 - 5.4 ) | 1.03 ( 0.25 - 1.78 ) | 4.27 | 3.8 | 4.1 | A+ |
| | 7 | 9 | 2.15 | 2.25 | 4.40 ( 1.1 - 5.4 ) | 1.03 ( 0.25 - 1.78 ) | 4.27 | 3.8 | 4.1 | A+ |
| | 7 | 12 | 1.95 | 2.45 | 4.40 ( 1.1 - 5.5 ) | 1.02 ( 0.25 - 1.76 ) | 4.31 | 3.8 | 4.0 | A+ |
| | 9 | 9 | 2.20 | 2.20 | 4.40 ( 1.1 - 5.4 ) | 1.03 ( 0.25 - 1.78 ) | 4.27 | 3.8 | 4.0 | A+ |
| | 9 | 12 | 2.00 | 2.40 | 4.40 ( 1.1 - 5.5 ) | 1.02 ( 0.25 - 1.76 ) | 4.31 | 3.8 | 4.0 | A+ |

Notes:
- 7: 7000Btu/h, 9: 9000Btu/h, 12: 12000Btu/h models.
- The above is the value for connecting with Wall Mounted type.
- 2 or more indoor units should be connected.
- Cooling capacity is based on 27 °CDB / 19 °CWB (indoor temperature), 35 °CDB (outdoor temperature).
- Heating capacity is based on 20 °CDB (indoor temperature), 7 °CDB / 6 °CWB (outdoor temperature).
- Pipe length :5m, Height difference :0m. (Outdoor unit to indoor unit)
- The total ability of connected a indoor unit is up to 21000 Btu from 14000 Btu.

OUTDOOR UNIT
AO∗G14-18L2

# ■MODEL: AO∗G18L2

## ●Cooling

| | Combination of Indoor Unit | | COOLING OPERATION | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Cooling Capacity | | | Input Power (min-max) | EER | Seasonal Data | | |
| | | | Room 1 | Room 2 | Total Capacity (min-max) | | | Pdesign | SEER | Energy Efficiency Class |
| | | | kW | kW | kW | kW | | kW | | |
| 2 Room | 7 | 7 | 2.10 | 2.10 | 4.20 ( 1.7 - 5.2 ) | 1.24 ( 0.35 - 1.68 ) | 3.39 | 4.2 | 7.0 | A++ |
| | 7 | 9 | 2.10 | 2.50 | 4.60 ( 1.7 - 5.3 ) | 1.26 ( 0.35 - 1.79 ) | 3.65 | 4.6 | 6.8 | A++ |
| | 7 | 12 | 1.90 | 3.10 | 5.00 ( 1.7 - 5.6 ) | 1.55 ( 0.35 - 1.95 ) | 3.23 | 5.0 | 6.5 | A++ |
| | 7 | 14 | 1.80 | 3.20 | 5.00 ( 1.8 - 5.7 ) | 1.55 ( 0.40 - 1.99 ) | 3.23 | 5.0 | 6.5 | A++ |
| | 9 | 9 | 2.50 | 2.50 | 5.00 ( 1.7 - 5.6 ) | 1.56 ( 0.35 - 1.95 ) | 3.21 | 5.0 | 6.6 | A++ |
| | 9 | 12 | 2.10 | 2.90 | 5.00 ( 1.7 - 5.7 ) | 1.55 ( 0.35 - 1.95 ) | 3.23 | 5.0 | 6.5 | A++ |
| | 9 | 14 | 2.00 | 3.00 | 5.00 ( 1.8 - 5.8 ) | 1.55 ( 0.40 - 1.99 ) | 3.23 | 5.0 | 6.4 | A++ |
| | 12 | 12 | 2.50 | 2.50 | 5.00 ( 1.7 - 5.8 ) | 1.56 ( 0.35 - 1.99 ) | 3.21 | 5.0 | 6.4 | A++ |

## ●Heating

| | Combination of Indoor Unit | | HEATING OPERATION | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Heating Capacity | | | Input Power (min-max) | COP | Seasonal Data | | |
| | | | Room 1 | Room 2 | Total Capacity (min-max) | | | Pdesign | SCOP | Energy Efficiency Class |
| | | | kW | kW | kW | kW | | kW | | |
| 2 Room | 7 | 7 | 2.70 | 2.70 | 5.40 ( 1.8 - 6.0 ) | 1.24 ( 0.50 - 1.61 ) | 4.37 | 3.8 | 4.1 | A+ |
| | 7 | 9 | 2.50 | 3.00 | 5.50 ( 1.8 - 6.0 ) | 1.36 ( 0.50 - 1.87 ) | 4.04 | 4.0 | 4.1 | A+ |
| | 7 | 12 | 2.30 | 3.30 | 5.60 ( 1.8 - 6.1 ) | 1.38 ( 0.50 - 1.88 ) | 4.06 | 4.2 | 4.0 | A+ |
| | 7 | 14 | 2.25 | 3.35 | 5.60 ( 1.9 - 6.2 ) | 1.35 ( 0.55 - 1.86 ) | 4.15 | 4.2 | 4.0 | A+ |
| | 9 | 9 | 2.80 | 2.80 | 5.60 ( 1.8 - 6.1 ) | 1.41 ( 0.50 - 1.90 ) | 3.97 | 4.2 | 4.1 | A+ |
| | 9 | 12 | 2.45 | 3.15 | 5.60 ( 1.8 - 6.2 ) | 1.38 ( 0.50 - 1.88 ) | 4.07 | 4.2 | 4.0 | A+ |
| | 9 | 14 | 2.35 | 3.25 | 5.60 ( 1.9 - 6.3 ) | 1.35 ( 0.55 - 1.86 ) | 4.15 | 4.2 | 4.0 | A+ |
| | 12 | 12 | 2.80 | 2.80 | 5.60 ( 1.8 - 6.3 ) | 1.34 ( 0.50 - 1.84 ) | 4.18 | 4.2 | 4.0 | A+ |

Notes:
- 7: 7000Btu/h, 9: 9000Btu/h, 12: 12000Btu/h,14:14000Btu/h models.
- The above is the value for connecting with Wall Mounted type.
- 2 or more indoor units should be connected.
- Cooling capacity is based on 27 °CDB / 19 °CWB (indoor temperature), 35 °CDB (outdoor temperature).
- Heating capacity is based on 20 °CDB (indoor temperature), 7 °CDB / 6 °CWB (outdoor temperature).
- Pipe length :5m, Height difference :0m. (Outdoor unit to indoor unit)
- The total capacity of connected a indoor unit is up to 24000 Btu from 14000 Btu.
- Where "14" means "Wall Mounted type" only models. Other types of indoor units can not be connected.

OUTDOOR UNIT
AO∗G14-18L2

# 5-2. COOLING CAPACITY

This table is created using the maximum capacity.

Note: 2 or more indoor units should be connected.

## ■MODEL: AO∗G14L2

### ●Indoor unit : 7000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | 21°CDB | | 23°CDB | | 25°CDB | | 27°CDB | | 29°CDB | | 30°CDB | | 32°CDB | |
| | °CWB | 12°CWB | | 15°CWB | | 16°CWB | | 18°CWB | | 19°CWB | | 21°CWB | | 22°CWB | | 23°CWB | |
| | (°CDB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7 | 10 | 1.62 | 0.35 | 1.80 | 0.36 | 1.87 | 0.36 | 1.99 | 0.36 | 2.05 | 0.36 | 2.17 | 0.37 | 2.23 | 0.37 | 2.30 | 0.37 |
| | 15 | 1.51 | 0.40 | 1.68 | 0.40 | 1.74 | 0.40 | 1.85 | 0.41 | 1.91 | 0.41 | 2.03 | 0.41 | 2.08 | 0.42 | 2.14 | 0.42 |
| | 20 | 1.74 | 0.46 | 1.94 | 0.47 | 2.01 | 0.47 | 2.14 | 0.48 | 2.21 | 0.48 | 2.34 | 0.48 | 2.41 | 0.49 | 2.47 | 0.49 |
| | 25 | 1.79 | 0.47 | 2.00 | 0.47 | 2.06 | 0.47 | 2.20 | 0.48 | 2.27 | 0.48 | 2.40 | 0.49 | 2.47 | 0.49 | 2.54 | 0.49 |
| | 30 | 2.16 | 0.75 | 2.41 | 0.76 | 2.49 | 0.76 | 2.65 | 0.77 | 2.73 | 0.77 | 2.90 | 0.78 | 2.98 | 0.78 | 3.06 | 0.79 |
| | 35 | 2.13 | 0.73 | 2.38 | 0.74 | 2.46 | 0.75 | 2.62 | 0.76 | 2.70 | 0.76 | 2.86 | 0.77 | 2.94 | 0.77 | 3.02 | 0.78 |
| | 40 | 2.01 | 0.82 | 2.24 | 0.83 | 2.32 | 0.83 | 2.47 | 0.84 | 2.55 | 0.85 | 2.70 | 0.85 | 2.78 | 0.86 | 2.86 | 0.86 |
| | 46 | 1.93 | 0.93 | 2.15 | 0.95 | 2.23 | 0.95 | 2.37 | 0.96 | 2.45 | 0.97 | 2.59 | 0.98 | 2.67 | 0.98 | 2.74 | 0.98 |

Outdoor temperature

### ●Indoor unit : 9000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | 21°CDB | | 23°CDB | | 25°CDB | | 27°CDB | | 29°CDB | | 30°CDB | | 32°CDB | |
| | °CWB | 12°CWB | | 15°CWB | | 16°CWB | | 18°CWB | | 19°CWB | | 21°CWB | | 22°CWB | | 23°CWB | |
| | (°CDB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9 | 10 | 1.78 | 0.45 | 1.99 | 0.46 | 2.06 | 0.46 | 2.19 | 0.47 | 2.26 | 0.47 | 2.39 | 0.47 | 2.46 | 0.48 | 2.53 | 0.48 |
| | 15 | 1.65 | 0.50 | 1.84 | 0.51 | 1.91 | 0.51 | 2.03 | 0.52 | 2.09 | 0.52 | 2.22 | 0.52 | 2.28 | 0.53 | 2.35 | 0.53 |
| | 20 | 2.44 | 0.75 | 2.72 | 0.76 | 2.81 | 0.76 | 2.99 | 0.77 | 3.09 | 0.77 | 3.27 | 0.78 | 3.36 | 0.78 | 3.46 | 0.79 |
| | 25 | 2.46 | 0.75 | 2.74 | 0.76 | 2.84 | 0.77 | 3.02 | 0.77 | 3.12 | 0.78 | 3.30 | 0.78 | 3.40 | 0.79 | 3.49 | 0.79 |
| | 30 | 2.66 | 0.91 | 2.96 | 0.93 | 3.06 | 0.93 | 3.26 | 0.94 | 3.36 | 0.95 | 3.57 | 0.96 | 3.67 | 0.96 | 3.77 | 0.97 |
| | 35 | 2.53 | 0.99 | 2.82 | 1.01 | 2.91 | 1.01 | 3.10 | 1.02 | 3.20 | 1.03 | 3.39 | 1.04 | 3.49 | 1.04 | 3.58 | 1.05 |
| | 40 | 2.38 | 1.11 | 2.65 | 1.13 | 2.74 | 1.13 | 2.92 | 1.15 | 3.01 | 1.15 | 3.19 | 1.16 | 3.28 | 1.17 | 3.37 | 1.17 |
| | 46 | 2.23 | 1.06 | 2.49 | 1.08 | 2.57 | 1.09 | 2.74 | 1.10 | 2.82 | 1.10 | 2.99 | 1.11 | 3.08 | 1.12 | 3.16 | 1.12 |

Outdoor temperature

### ●Indoor unit : 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | 21°CDB | | 23°CDB | | 25°CDB | | 27°CDB | | 29°CDB | | 30°CDB | | 32°CDB | |
| | °CWB | 12°CWB | | 15°CWB | | 16°CWB | | 18°CWB | | 19°CWB | | 21°CWB | | 22°CWB | | 23°CWB | |
| | (°CDB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 12 | 10 | 2.60 | 0.71 | 2.89 | 0.72 | 2.99 | 0.73 | 3.19 | 0.73 | 3.29 | 0.74 | 3.48 | 0.75 | 3.58 | 0.75 | 3.68 | 0.75 |
| | 15 | 2.65 | 0.65 | 2.95 | 0.66 | 3.05 | 0.66 | 3.25 | 0.67 | 3.35 | 0.67 | 3.55 | 0.68 | 3.65 | 0.68 | 3.75 | 0.69 |
| | 20 | 3.06 | 0.93 | 3.41 | 0.94 | 3.52 | 0.94 | 3.75 | 0.95 | 3.87 | 0.96 | 4.10 | 0.97 | 4.22 | 0.97 | 4.33 | 0.98 |
| | 25 | 2.90 | 1.02 | 3.23 | 1.04 | 3.34 | 1.04 | 3.56 | 1.05 | 3.67 | 1.06 | 3.89 | 1.07 | 4.00 | 1.07 | 4.11 | 1.08 |
| | 30 | 3.09 | 1.05 | 3.44 | 1.06 | 3.56 | 1.07 | 3.79 | 1.08 | 3.91 | 1.08 | 4.15 | 1.09 | 4.26 | 1.10 | 4.38 | 1.11 |
| | 35 | 2.92 | 1.17 | 3.26 | 1.19 | 3.37 | 1.19 | 3.59 | 1.20 | 3.70 | 1.21 | 3.92 | 1.22 | 4.03 | 1.23 | 4.14 | 1.23 |
| | 40 | 2.64 | 1.17 | 2.94 | 1.19 | 3.04 | 1.20 | 3.24 | 1.21 | 3.34 | 1.22 | 3.54 | 1.23 | 3.64 | 1.24 | 3.74 | 1.24 |
| | 46 | 2.37 | 1.06 | 2.64 | 1.08 | 2.73 | 1.08 | 2.91 | 1.10 | 3.00 | 1.10 | 3.18 | 1.11 | 3.27 | 1.12 | 3.36 | 1.12 |

Outdoor temperature

### ●Indoor unit : 7000Btu + 7000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | 21°CDB | | 23°CDB | | 25°CDB | | 27°CDB | | 29°CDB | | 30°CDB | | 32°CDB | |
| | °CWB | 12°CWB | | 15°CWB | | 16°CWB | | 18°CWB | | 19°CWB | | 21°CWB | | 22°CWB | | 23°CWB | |
| | (°CDB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7 | 10 | 3.22 | 0.73 | 3.59 | 0.74 | 3.71 | 0.74 | 3.96 | 0.75 | 4.08 | 0.75 | 4.33 | 0.76 | 4.45 | 0.76 | 4.57 | 0.77 |
| | 15 | 3.06 | 0.84 | 3.41 | 0.85 | 3.53 | 0.85 | 3.76 | 0.86 | 3.88 | 0.87 | 4.11 | 0.87 | 4.23 | 0.88 | 4.34 | 0.88 |
| | 20 | 3.47 | 1.05 | 3.87 | 1.07 | 4.00 | 1.07 | 4.27 | 1.08 | 4.40 | 1.09 | 4.66 | 1.10 | 4.79 | 1.11 | 4.93 | 1.11 |
| | 25 | 3.61 | 0.93 | 4.03 | 0.94 | 4.16 | 0.95 | 4.44 | 0.96 | 4.57 | 0.96 | 4.85 | 0.97 | 4.99 | 0.97 | 5.12 | 0.98 |
| | 30 | 3.68 | 1.19 | 4.10 | 1.21 | 4.24 | 1.21 | 4.52 | 1.23 | 4.66 | 1.23 | 4.94 | 1.24 | 5.08 | 1.25 | 5.22 | 1.26 |
| | 35 | 3.48 | 1.35 | 3.87 | 1.37 | 4.00 | 1.38 | 4.27 | 1.39 | 4.40 | 1.40 | 4.66 | 1.41 | 4.80 | 1.42 | 4.93 | 1.43 |
| | 40 | 3.05 | 1.31 | 3.39 | 1.33 | 3.51 | 1.34 | 3.74 | 1.35 | 3.86 | 1.36 | 4.09 | 1.37 | 4.20 | 1.38 | 4.32 | 1.39 |
| | 46 | 2.61 | 1.11 | 2.90 | 1.13 | 3.00 | 1.14 | 3.20 | 1.15 | 3.30 | 1.15 | 3.50 | 1.17 | 3.59 | 1.17 | 3.69 | 1.18 |

Outdoor temperature

TC : Total Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO∗G14-18L2

## ●Indoor unit : 7000Btu + 9000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | 21°CDB | | 23°CDB | | 25°CDB | | 27°CDB | | 29°CDB | | 30°CDB | | 32°CDB | |
| | °CWB | 12°CWB | | 15°CWB | | 16°CWB | | 18°CWB | | 19°CWB | | 21°CWB | | 22°CWB | | 23°CWB | |
| | (°CDB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+9 Outdoor temperature | 10 | 3.39 | 0.86 | 3.78 | 0.87 | 3.91 | 0.88 | 4.16 | 0.88 | 4.29 | 0.89 | 4.55 | 0.90 | 4.68 | 0.90 | 4.81 | 0.91 |
| | 15 | 3.22 | 0.98 | 3.59 | 0.99 | 3.71 | 1.00 | 3.96 | 1.01 | 4.08 | 1.01 | 4.32 | 1.02 | 4.45 | 1.03 | 4.57 | 1.03 |
| | 20 | 4.05 | 0.97 | 4.51 | 0.98 | 4.66 | 0.99 | 4.97 | 1.00 | 5.12 | 1.00 | 5.43 | 1.01 | 5.58 | 1.02 | 5.74 | 1.02 |
| | 25 | 3.91 | 1.05 | 4.36 | 1.06 | 4.51 | 1.07 | 4.80 | 1.08 | 4.95 | 1.09 | 5.25 | 1.10 | 5.40 | 1.10 | 5.55 | 1.11 |
| | 30 | 3.60 | 1.16 | 4.01 | 1.17 | 4.15 | 1.18 | 4.42 | 1.19 | 4.56 | 1.20 | 4.83 | 1.21 | 4.97 | 1.22 | 5.10 | 1.22 |
| | 35 | 3.48 | 1.35 | 3.87 | 1.37 | 4.00 | 1.38 | 4.27 | 1.39 | 4.40 | 1.40 | 4.66 | 1.41 | 4.80 | 1.42 | 4.93 | 1.43 |
| | 40 | 3.05 | 1.31 | 3.40 | 1.33 | 3.51 | 1.34 | 3.74 | 1.35 | 3.86 | 1.36 | 4.09 | 1.37 | 4.21 | 1.38 | 4.32 | 1.39 |
| | 46 | 2.61 | 1.11 | 2.90 | 1.13 | 3.00 | 1.14 | 3.20 | 1.15 | 3.30 | 1.15 | 3.50 | 1.16 | 3.60 | 1.17 | 3.70 | 1.18 |

## ●Indoor unit : 7000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | 21°CDB | | 23°CDB | | 25°CDB | | 27°CDB | | 29°CDB | | 30°CDB | | 32°CDB | |
| | °CWB | 12°CWB | | 15°CWB | | 16°CWB | | 18°CWB | | 19°CWB | | 21°CWB | | 22°CWB | | 23°CWB | |
| | (°CDB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+12 Outdoor temperature | 10 | 3.58 | 1.04 | 3.99 | 1.06 | 4.12 | 1.07 | 4.40 | 1.08 | 4.53 | 1.08 | 4.80 | 1.09 | 4.94 | 1.10 | 5.08 | 1.10 |
| | 15 | 3.72 | 0.97 | 4.14 | 0.99 | 4.28 | 0.99 | 4.57 | 1.00 | 4.71 | 1.01 | 4.99 | 1.02 | 5.13 | 1.02 | 5.27 | 1.03 |
| | 20 | 4.23 | 1.01 | 4.71 | 1.03 | 4.87 | 1.03 | 5.19 | 1.04 | 5.35 | 1.05 | 5.67 | 1.06 | 5.83 | 1.07 | 6.00 | 1.07 |
| | 25 | 4.08 | 1.09 | 4.55 | 1.11 | 4.70 | 1.11 | 5.01 | 1.12 | 5.17 | 1.13 | 5.48 | 1.14 | 5.63 | 1.15 | 5.79 | 1.15 |
| | 30 | 3.85 | 1.24 | 4.29 | 1.26 | 4.44 | 1.27 | 4.73 | 1.28 | 4.88 | 1.29 | 5.17 | 1.30 | 5.32 | 1.31 | 5.46 | 1.31 |
| | 35 | 3.63 | 1.42 | 4.05 | 1.44 | 4.19 | 1.45 | 4.46 | 1.46 | 4.60 | 1.47 | 4.88 | 1.48 | 5.01 | 1.49 | 5.15 | 1.50 |
| | 40 | 3.14 | 1.35 | 3.50 | 1.37 | 3.62 | 1.38 | 3.86 | 1.39 | 3.98 | 1.40 | 4.22 | 1.41 | 4.34 | 1.42 | 4.46 | 1.43 |
| | 46 | 2.68 | 1.16 | 2.99 | 1.18 | 3.09 | 1.19 | 3.29 | 1.20 | 3.39 | 1.20 | 3.60 | 1.22 | 3.70 | 1.22 | 3.80 | 1.23 |

## ●Indoor unit : 9000Btu + 9000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | 21°CDB | | 23°CDB | | 25°CDB | | 27°CDB | | 29°CDB | | 30°CDB | | 32°CDB | |
| | °CWB | 12°CWB | | 15°CWB | | 16°CWB | | 18°CWB | | 19°CWB | | 21°CWB | | 22°CWB | | 23°CWB | |
| | (°CDB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+9 Outdoor temperature | 10 | 3.62 | 1.02 | 4.03 | 1.04 | 4.17 | 1.04 | 4.45 | 1.05 | 4.59 | 1.06 | 4.86 | 1.07 | 5.00 | 1.07 | 5.14 | 1.08 |
| | 15 | 3.76 | 0.95 | 4.19 | 0.96 | 4.33 | 0.97 | 4.62 | 0.98 | 4.76 | 0.98 | 5.04 | 0.99 | 5.19 | 1.00 | 5.33 | 1.00 |
| | 20 | 4.14 | 0.99 | 4.61 | 1.01 | 4.77 | 1.01 | 5.08 | 1.02 | 5.24 | 1.03 | 5.55 | 1.04 | 5.71 | 1.04 | 5.87 | 1.05 |
| | 25 | 4.00 | 1.07 | 4.46 | 1.09 | 4.61 | 1.09 | 4.91 | 1.10 | 5.07 | 1.11 | 5.37 | 1.12 | 5.52 | 1.13 | 5.67 | 1.13 |
| | 30 | 3.68 | 1.18 | 4.10 | 1.20 | 4.24 | 1.20 | 4.52 | 1.22 | 4.66 | 1.22 | 4.94 | 1.24 | 5.08 | 1.24 | 5.22 | 1.25 |
| | 35 | 3.55 | 1.38 | 3.96 | 1.40 | 4.09 | 1.41 | 4.36 | 1.42 | 4.50 | 1.43 | 4.77 | 1.44 | 4.90 | 1.45 | 5.04 | 1.46 |
| | 40 | 3.12 | 1.34 | 3.47 | 1.36 | 3.59 | 1.37 | 3.83 | 1.38 | 3.95 | 1.39 | 4.18 | 1.40 | 4.30 | 1.41 | 4.42 | 1.41 |
| | 46 | 2.67 | 1.14 | 2.97 | 1.15 | 3.07 | 1.16 | 3.27 | 1.17 | 3.38 | 1.18 | 3.58 | 1.19 | 3.68 | 1.20 | 3.78 | 1.20 |

## ●Indoor unit : 9000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | 21°CDB | | 23°CDB | | 25°CDB | | 27°CDB | | 29°CDB | | 30°CDB | | 32°CDB | |
| | °CWB | 12°CWB | | 15°CWB | | 16°CWB | | 18°CWB | | 19°CWB | | 21°CWB | | 22°CWB | | 23°CWB | |
| | (°CDB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+12 Outdoor temperature | 10 | 4.36 | 1.07 | 4.86 | 1.09 | 5.03 | 1.09 | 5.36 | 1.10 | 5.52 | 1.11 | 5.85 | 1.12 | 6.02 | 1.13 | 6.19 | 1.13 |
| | 15 | 4.11 | 1.18 | 4.58 | 1.20 | 4.74 | 1.20 | 5.05 | 1.22 | 5.21 | 1.22 | 5.52 | 1.23 | 5.67 | 1.24 | 5.83 | 1.25 |
| | 20 | 4.32 | 1.01 | 4.82 | 1.02 | 4.98 | 1.03 | 5.31 | 1.04 | 5.47 | 1.05 | 5.80 | 1.06 | 5.96 | 1.06 | 6.13 | 1.07 |
| | 25 | 4.18 | 1.09 | 4.65 | 1.11 | 4.81 | 1.12 | 5.13 | 1.13 | 5.29 | 1.13 | 5.61 | 1.15 | 5.77 | 1.15 | 5.92 | 1.16 |
| | 30 | 3.94 | 1.24 | 4.39 | 1.26 | 4.54 | 1.27 | 4.83 | 1.28 | 4.98 | 1.29 | 5.28 | 1.30 | 5.43 | 1.31 | 5.58 | 1.31 |
| | 35 | 3.71 | 1.42 | 4.14 | 1.44 | 4.28 | 1.45 | 4.56 | 1.46 | 4.70 | 1.47 | 4.98 | 1.48 | 5.12 | 1.49 | 5.26 | 1.50 |
| | 40 | 3.21 | 1.35 | 3.58 | 1.37 | 3.70 | 1.38 | 3.94 | 1.39 | 4.07 | 1.40 | 4.31 | 1.41 | 4.43 | 1.42 | 4.55 | 1.43 |
| | 46 | 2.74 | 1.16 | 3.05 | 1.18 | 3.16 | 1.19 | 3.36 | 1.20 | 3.47 | 1.20 | 3.68 | 1.22 | 3.78 | 1.22 | 3.88 | 1.23 |

TC : Total Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO∗G14-18L2

Note: 2 or more indoor units should be connected.

# ■MODEL: AO∗G18L2

## ●Indoor unit : 7000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | °CDB | 18°CDB | | 21°CDB | | 23°CDB | | 25°CDB | | 27°CDB | | 29°CDB | | 30°CDB | | 32°CDB | |
| | | °CWB | 12°CWB | | 15°CWB | | 16°CWB | | 18°CWB | | 19°CWB | | 21°CWB | | 22°CWB | | 23°CWB | |
| | | (°CDB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7 | Outdoor temperature | 10 | 2.04 | 0.35 | 2.27 | 0.35 | 2.35 | 0.36 | 2.51 | 0.36 | 2.58 | 0.36 | 2.74 | 0.37 | 2.82 | 0.37 | 2.89 | 0.37 |
| | | 15 | 2.07 | 0.35 | 2.30 | 0.36 | 2.38 | 0.36 | 2.54 | 0.36 | 2.62 | 0.36 | 2.77 | 0.37 | 2.85 | 0.37 | 2.93 | 0.37 |
| | | 20 | 2.27 | 0.47 | 2.53 | 0.48 | 2.62 | 0.48 | 2.79 | 0.48 | 2.88 | 0.49 | 3.05 | 0.49 | 3.14 | 0.49 | 3.22 | 0.50 |
| | | 25 | 2.00 | 0.60 | 2.23 | 0.61 | 2.30 | 0.62 | 2.45 | 0.62 | 2.53 | 0.62 | 2.68 | 0.63 | 2.76 | 0.63 | 2.83 | 0.64 |
| | | 30 | 2.27 | 0.61 | 2.52 | 0.62 | 2.61 | 0.62 | 2.78 | 0.63 | 2.87 | 0.63 | 3.04 | 0.64 | 3.13 | 0.64 | 3.21 | 0.64 |
| | | 35 | 2.13 | 0.69 | 2.38 | 0.71 | 2.46 | 0.71 | 2.62 | 0.72 | 2.70 | 0.72 | 2.86 | 0.73 | 2.94 | 0.73 | 3.02 | 0.73 |
| | | 40 | 1.96 | 0.77 | 2.18 | 0.78 | 2.26 | 0.79 | 2.40 | 0.79 | 2.48 | 0.80 | 2.63 | 0.81 | 2.70 | 0.81 | 2.78 | 0.81 |
| | | 46 | 1.83 | 0.87 | 2.04 | 0.88 | 2.11 | 0.89 | 2.25 | 0.90 | 2.32 | 0.90 | 2.45 | 0.91 | 2.52 | 0.92 | 2.59 | 0.92 |

## ●Indoor unit : 9000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | °CDB | 18°CDB | | 21°CDB | | 23°CDB | | 25°CDB | | 27°CDB | | 29°CDB | | 30°CDB | | 32°CDB | |
| | | °CWB | 12°CWB | | 15°CWB | | 16°CWB | | 18°CWB | | 19°CWB | | 21°CWB | | 22°CWB | | 23°CWB | |
| | | (°CDB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9 | Outdoor temperature | 10 | 2.39 | 0.40 | 2.66 | 0.41 | 2.75 | 0.41 | 2.94 | 0.42 | 3.03 | 0.42 | 3.21 | 0.42 | 3.30 | 0.43 | 3.39 | 0.43 |
| | | 15 | 2.37 | 0.41 | 2.64 | 0.41 | 2.73 | 0.41 | 2.91 | 0.42 | 3.00 | 0.42 | 3.18 | 0.42 | 3.27 | 0.43 | 3.36 | 0.43 |
| | | 20 | 2.62 | 0.53 | 2.91 | 0.54 | 3.01 | 0.54 | 3.21 | 0.54 | 3.31 | 0.55 | 3.51 | 0.55 | 3.61 | 0.56 | 3.71 | 0.56 |
| | | 25 | 2.48 | 0.58 | 2.76 | 0.59 | 2.86 | 0.60 | 3.04 | 0.60 | 3.14 | 0.61 | 3.33 | 0.61 | 3.42 | 0.61 | 3.52 | 0.62 |
| | | 30 | 2.63 | 0.87 | 2.93 | 0.88 | 3.03 | 0.88 | 3.23 | 0.89 | 3.33 | 0.90 | 3.53 | 0.91 | 3.63 | 0.91 | 3.73 | 0.92 |
| | | 35 | 2.53 | 1.01 | 2.82 | 1.03 | 2.91 | 1.03 | 3.10 | 1.04 | 3.20 | 1.05 | 3.39 | 1.06 | 3.49 | 1.07 | 3.58 | 1.07 |
| | | 40 | 2.33 | 1.08 | 2.59 | 1.10 | 2.68 | 1.10 | 2.86 | 1.11 | 2.94 | 1.12 | 3.12 | 1.13 | 3.21 | 1.14 | 3.30 | 1.14 |
| | | 46 | 2.25 | 1.18 | 2.51 | 1.20 | 2.60 | 1.20 | 2.77 | 1.22 | 2.85 | 1.22 | 3.02 | 1.23 | 3.11 | 1.24 | 3.19 | 1.25 |

## ●Indoor unit : 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | °CDB | 18°CDB | | 21°CDB | | 23°CDB | | 25°CDB | | 27°CDB | | 29°CDB | | 30°CDB | | 32°CDB | |
| | | °CWB | 12°CWB | | 15°CWB | | 16°CWB | | 18°CWB | | 19°CWB | | 21°CWB | | 22°CWB | | 23°CWB | |
| | | (°CDB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 12 | Outdoor temperature | 10 | 2.81 | 0.57 | 3.13 | 0.58 | 3.23 | 0.58 | 3.45 | 0.59 | 3.55 | 0.59 | 3.76 | 0.60 | 3.87 | 0.60 | 3.98 | 0.61 |
| | | 15 | 2.82 | 0.57 | 3.14 | 0.57 | 3.25 | 0.58 | 3.47 | 0.58 | 3.57 | 0.59 | 3.79 | 0.59 | 3.90 | 0.59 | 4.00 | 0.60 |
| | | 20 | 3.23 | 0.79 | 3.59 | 0.80 | 3.72 | 0.81 | 3.96 | 0.81 | 4.09 | 0.82 | 4.33 | 0.83 | 4.45 | 0.83 | 4.58 | 0.83 |
| | | 25 | 2.67 | 0.86 | 2.97 | 0.88 | 3.07 | 0.88 | 3.28 | 0.89 | 3.38 | 0.89 | 3.58 | 0.90 | 3.68 | 0.91 | 3.78 | 0.91 |
| | | 30 | 3.10 | 1.14 | 3.45 | 1.16 | 3.57 | 1.17 | 3.80 | 1.18 | 3.92 | 1.18 | 4.15 | 1.19 | 4.27 | 1.20 | 4.39 | 1.21 |
| | | 35 | 2.92 | 1.29 | 3.26 | 1.31 | 3.37 | 1.32 | 3.59 | 1.33 | 3.70 | 1.34 | 3.92 | 1.35 | 4.03 | 1.36 | 4.14 | 1.37 |
| | | 40 | 2.66 | 1.37 | 2.96 | 1.39 | 3.06 | 1.40 | 3.26 | 1.42 | 3.36 | 1.42 | 3.57 | 1.44 | 3.67 | 1.44 | 3.77 | 1.45 |
| | | 46 | 2.39 | 1.25 | 2.66 | 1.27 | 2.75 | 1.28 | 2.93 | 1.29 | 3.02 | 1.30 | 3.20 | 1.31 | 3.29 | 1.32 | 3.39 | 1.33 |

## ●Indoor unit : 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | °CDB | 18°CDB | | 21°CDB | | 23°CDB | | 25°CDB | | 27°CDB | | 29°CDB | | 30°CDB | | 32°CDB | |
| | | °CWB | 12°CWB | | 15°CWB | | 16°CWB | | 18°CWB | | 19°CWB | | 21°CWB | | 22°CWB | | 23°CWB | |
| | | (°CDB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 14 | Outdoor temperature | 10 | 3.61 | 0.69 | 4.03 | 0.71 | 4.16 | 0.71 | 4.44 | 0.72 | 4.57 | 0.72 | 4.85 | 0.73 | 4.99 | 0.73 | 5.12 | 0.73 |
| | | 15 | 4.08 | 0.82 | 4.54 | 0.84 | 4.70 | 0.84 | 5.01 | 0.85 | 5.16 | 0.85 | 5.47 | 0.86 | 5.63 | 0.87 | 5.78 | 0.87 |
| | | 20 | 3.96 | 0.91 | 4.41 | 0.93 | 4.56 | 0.93 | 4.86 | 0.94 | 5.01 | 0.95 | 5.31 | 0.96 | 5.46 | 0.96 | 5.61 | 0.97 |
| | | 25 | 3.79 | 1.09 | 4.22 | 1.11 | 4.36 | 1.12 | 4.65 | 1.13 | 4.79 | 1.13 | 5.08 | 1.14 | 5.22 | 1.15 | 5.37 | 1.16 |
| | | 30 | 4.03 | 1.54 | 4.49 | 1.56 | 4.65 | 1.57 | 4.95 | 1.59 | 5.11 | 1.60 | 5.41 | 1.61 | 5.57 | 1.62 | 5.72 | 1.63 |
| | | 35 | 3.79 | 1.72 | 4.22 | 1.74 | 4.37 | 1.75 | 4.66 | 1.77 | 4.80 | 1.78 | 5.09 | 1.80 | 5.23 | 1.81 | 5.38 | 1.82 |
| | | 40 | 3.30 | 1.55 | 3.67 | 1.58 | 3.80 | 1.59 | 4.05 | 1.60 | 4.18 | 1.61 | 4.43 | 1.63 | 4.55 | 1.63 | 4.68 | 1.64 |
| | | 46 | 2.73 | 1.21 | 3.04 | 1.23 | 3.14 | 1.24 | 3.35 | 1.25 | 3.45 | 1.26 | 3.66 | 1.27 | 3.76 | 1.28 | 3.87 | 1.28 |

TC : Total Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO∗G14-18L2

## ●Indoor unit : 7000Btu + 7000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | 21°CDB | | 23°CDB | | 25°CDB | | 27°CDB | | 29°CDB | | 30°CDB | | 32°CDB | |
| | °CWB | 12°CWB | | 15°CWB | | 16°CWB | | 18°CWB | | 19°CWB | | 21°CWB | | 22°CWB | | 23°CWB | |
| | (°CDB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7 Outdoor temperature | 10 | 3.65 | 0.57 | 4.07 | 0.58 | 4.21 | 0.58 | 4.49 | 0.59 | 4.62 | 0.59 | 4.90 | 0.60 | 5.04 | 0.60 | 5.18 | 0.60 |
| | 15 | 3.68 | 0.53 | 4.10 | 0.54 | 4.24 | 0.54 | 4.52 | 0.55 | 4.66 | 0.55 | 4.94 | 0.56 | 5.08 | 0.56 | 5.22 | 0.56 |
| | 20 | 4.38 | 0.89 | 4.88 | 0.91 | 5.05 | 0.91 | 5.38 | 0.92 | 5.55 | 0.93 | 5.88 | 0.94 | 6.04 | 0.94 | 6.21 | 0.95 |
| | 25 | 4.20 | 1.01 | 4.68 | 1.03 | 4.84 | 1.03 | 5.16 | 1.04 | 5.31 | 1.05 | 5.63 | 1.06 | 5.79 | 1.06 | 5.95 | 1.07 |
| | 30 | 4.36 | 1.43 | 4.85 | 1.45 | 5.02 | 1.46 | 5.35 | 1.48 | 5.51 | 1.48 | 5.85 | 1.50 | 6.01 | 1.51 | 6.18 | 1.51 |
| | 35 | 4.11 | 1.62 | 4.58 | 1.64 | 4.73 | 1.65 | 5.04 | 1.67 | 5.20 | 1.68 | 5.51 | 1.69 | 5.67 | 1.70 | 5.82 | 1.71 |
| | 40 | 3.46 | 1.45 | 3.86 | 1.47 | 3.99 | 1.48 | 4.25 | 1.50 | 4.38 | 1.50 | 4.65 | 1.52 | 4.78 | 1.53 | 4.91 | 1.53 |
| | 46 | 2.60 | 1.26 | 2.89 | 1.28 | 2.99 | 1.29 | 3.19 | 1.30 | 3.29 | 1.31 | 3.48 | 1.32 | 3.58 | 1.33 | 3.68 | 1.34 |

## ●Indoor unit : 7000Btu + 9000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | 21°CDB | | 23°CDB | | 25°CDB | | 27°CDB | | 29°CDB | | 30°CDB | | 32°CDB | |
| | °CWB | 12°CWB | | 15°CWB | | 16°CWB | | 18°CWB | | 19°CWB | | 21°CWB | | 22°CWB | | 23°CWB | |
| | (°CDB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+9 Outdoor temperature | 10 | 3.93 | 0.71 | 4.38 | 0.72 | 4.53 | 0.73 | 4.83 | 0.73 | 4.98 | 0.74 | 5.28 | 0.75 | 5.43 | 0.75 | 5.58 | 0.75 |
| | 15 | 4.12 | 0.63 | 4.59 | 0.64 | 4.75 | 0.64 | 5.06 | 0.65 | 5.22 | 0.65 | 5.53 | 0.66 | 5.69 | 0.66 | 5.85 | 0.66 |
| | 20 | 4.82 | 1.08 | 5.37 | 1.10 | 5.55 | 1.10 | 5.92 | 1.11 | 6.10 | 1.12 | 6.47 | 1.13 | 6.65 | 1.14 | 6.84 | 1.14 |
| | 25 | 4.55 | 1.23 | 5.07 | 1.24 | 5.24 | 1.25 | 5.59 | 1.26 | 5.76 | 1.27 | 6.10 | 1.28 | 6.28 | 1.29 | 6.45 | 1.30 |
| | 30 | 4.36 | 1.51 | 4.86 | 1.53 | 5.02 | 1.54 | 5.35 | 1.56 | 5.52 | 1.57 | 5.85 | 1.58 | 6.02 | 1.59 | 6.18 | 1.60 |
| | 35 | 4.19 | 1.73 | 4.66 | 1.75 | 4.82 | 1.76 | 5.14 | 1.78 | 5.30 | 1.79 | 5.62 | 1.81 | 5.78 | 1.82 | 5.94 | 1.83 |
| | 40 | 3.49 | 1.52 | 3.89 | 1.54 | 4.02 | 1.55 | 4.28 | 1.57 | 4.42 | 1.58 | 4.68 | 1.59 | 4.82 | 1.60 | 4.95 | 1.61 |
| | 46 | 2.60 | 1.28 | 2.89 | 1.30 | 2.99 | 1.30 | 3.19 | 1.32 | 3.29 | 1.32 | 3.49 | 1.34 | 3.58 | 1.34 | 4.05 | 1.35 |

## ●Indoor unit : 7000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | 21°CDB | | 23°CDB | | 25°CDB | | 27°CDB | | 29°CDB | | 30°CDB | | 32°CDB | |
| | °CWB | 12°CWB | | 15°CWB | | 16°CWB | | 18°CWB | | 19°CWB | | 21°CWB | | 22°CWB | | 23°CWB | |
| | (°CDB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+12 Outdoor temperature | 10 | 4.07 | 0.87 | 4.54 | 0.88 | 4.69 | 0.89 | 5.00 | 0.90 | 5.16 | 0.90 | 5.46 | 0.91 | 5.62 | 0.92 | 5.77 | 0.92 |
| | 15 | 4.60 | 0.81 | 5.13 | 0.82 | 5.30 | 0.83 | 5.65 | 0.84 | 5.82 | 0.84 | 6.17 | 0.85 | 6.35 | 0.85 | 6.52 | 0.86 |
| | 20 | 5.20 | 1.23 | 5.79 | 1.25 | 5.99 | 1.26 | 6.39 | 1.27 | 6.58 | 1.28 | 6.98 | 1.29 | 7.18 | 1.30 | 7.37 | 1.30 |
| | 25 | 4.96 | 1.41 | 5.53 | 1.43 | 5.71 | 1.44 | 6.09 | 1.45 | 6.28 | 1.46 | 6.66 | 1.48 | 6.84 | 1.48 | 7.03 | 1.49 |
| | 30 | 4.80 | 1.74 | 5.34 | 1.77 | 5.53 | 1.77 | 5.89 | 1.79 | 6.07 | 1.80 | 6.44 | 1.82 | 6.62 | 1.83 | 6.80 | 1.84 |
| | 35 | 4.42 | 1.88 | 4.93 | 1.91 | 5.09 | 1.92 | 5.43 | 1.94 | 5.60 | 1.95 | 5.93 | 1.97 | 6.10 | 1.98 | 6.27 | 1.99 |
| | 40 | 3.53 | 1.49 | 3.93 | 1.51 | 4.07 | 1.52 | 4.34 | 1.54 | 4.47 | 1.54 | 4.74 | 1.56 | 4.87 | 1.57 | 5.01 | 1.57 |
| | 46 | 2.62 | 1.30 | 2.92 | 1.32 | 3.02 | 1.32 | 3.22 | 1.34 | 3.32 | 1.34 | 3.52 | 1.36 | 3.62 | 1.36 | 3.72 | 1.37 |

## ●Indoor unit : 7000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | 21°CDB | | 23°CDB | | 25°CDB | | 27°CDB | | 29°CDB | | 30°CDB | | 32°CDB | |
| | °CWB | 12°CWB | | 15°CWB | | 16°CWB | | 18°CWB | | 19°CWB | | 21°CWB | | 22°CWB | | 23°CWB | |
| | (°CDB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+14 Outdoor temperature | 10 | 5.29 | 0.90 | 5.89 | 0.92 | 6.09 | 0.92 | 6.49 | 0.93 | 6.69 | 0.93 | 7.10 | 0.94 | 7.30 | 0.95 | 7.50 | 0.95 |
| | 15 | 5.01 | 1.04 | 5.58 | 1.05 | 5.77 | 1.06 | 6.15 | 1.07 | 6.34 | 1.07 | 6.72 | 1.08 | 6.91 | 1.09 | 7.10 | 1.10 |
| | 20 | 5.33 | 1.33 | 5.94 | 1.35 | 6.14 | 1.36 | 6.54 | 1.37 | 6.75 | 1.38 | 7.15 | 1.39 | 7.35 | 1.40 | 7.56 | 1.41 |
| | 25 | 5.08 | 1.52 | 5.66 | 1.54 | 5.86 | 1.55 | 6.24 | 1.56 | 6.44 | 1.57 | 6.82 | 1.59 | 7.02 | 1.60 | 7.21 | 1.60 |
| | 30 | 4.83 | 1.77 | 5.38 | 1.80 | 5.57 | 1.81 | 5.93 | 1.83 | 6.12 | 1.84 | 6.49 | 1.85 | 6.67 | 1.86 | 6.85 | 1.87 |
| | 35 | 4.50 | 1.92 | 5.02 | 1.95 | 5.19 | 1.96 | 5.53 | 1.98 | 5.70 | 1.99 | 6.04 | 2.01 | 6.21 | 2.02 | 6.38 | 2.03 |
| | 40 | 3.53 | 1.51 | 3.93 | 1.53 | 4.07 | 1.54 | 4.33 | 1.56 | 4.47 | 1.57 | 4.74 | 1.58 | 4.87 | 1.59 | 5.00 | 1.60 |
| | 46 | 2.62 | 1.31 | 2.92 | 1.33 | 3.02 | 1.34 | 3.22 | 1.35 | 3.32 | 1.36 | 3.52 | 1.37 | 3.62 | 1.38 | 3.72 | 1.39 |

TC : Total Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO∗G14-18L2

## ●Indoor unit : 9000Btu + 9000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | 21°CDB | | 23°CDB | | 25°CDB | | 27°CDB | | 29°CDB | | 30°CDB | | 32°CDB | |
| | °CWB | 12°CWB | | 15°CWB | | 16°CWB | | 18°CWB | | 19°CWB | | 21°CWB | | 22°CWB | | 23°CWB | |
| | (°CDB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+9 Outdoor temperature | 10 | 3.96 | 0.86 | 4.41 | 0.88 | 4.56 | 0.88 | 4.86 | 0.89 | 5.01 | 0.89 | 5.31 | 0.90 | 5.46 | 0.91 | 5.61 | 0.91 |
| | 15 | 4.37 | 0.78 | 4.87 | 0.79 | 5.04 | 0.79 | 5.37 | 0.80 | 5.53 | 0.81 | 5.87 | 0.81 | 6.03 | 0.82 | 6.20 | 0.82 |
| | 20 | 4.92 | 1.20 | 5.48 | 1.22 | 5.67 | 1.22 | 6.05 | 1.23 | 6.23 | 1.24 | 6.61 | 1.25 | 6.79 | 1.26 | 6.98 | 1.27 |
| | 25 | 4.69 | 1.37 | 5.22 | 1.39 | 5.40 | 1.40 | 5.75 | 1.41 | 5.93 | 1.42 | 6.29 | 1.43 | 6.47 | 1.44 | 6.64 | 1.45 |
| | 30 | 4.54 | 1.71 | 5.05 | 1.74 | 5.22 | 1.75 | 5.57 | 1.76 | 5.74 | 1.77 | 6.09 | 1.79 | 6.26 | 1.80 | 6.43 | 1.81 |
| | 35 | 4.42 | 1.88 | 4.93 | 1.91 | 5.09 | 1.92 | 5.43 | 1.94 | 5.60 | 1.95 | 5.93 | 1.97 | 6.10 | 1.98 | 6.27 | 1.99 |
| | 40 | 3.52 | 1.48 | 3.92 | 1.50 | 4.05 | 1.51 | 4.32 | 1.52 | 4.45 | 1.53 | 4.72 | 1.54 | 4.86 | 1.55 | 4.99 | 1.56 |
| | 46 | 2.60 | 1.29 | 2.90 | 1.31 | 3.00 | 1.31 | 3.19 | 1.33 | 3.29 | 1.33 | 3.49 | 1.35 | 3.59 | 1.35 | 3.69 | 1.36 |

## ●Indoor unit : 9000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | 21°CDB | | 23°CDB | | 25°CDB | | 27°CDB | | 29°CDB | | 30°CDB | | 32°CDB | |
| | °CWB | 12°CWB | | 15°CWB | | 16°CWB | | 18°CWB | | 19°CWB | | 21°CWB | | 22°CWB | | 23°CWB | |
| | (°CDB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+12 Outdoor temperature | 10 | 5.32 | 0.89 | 5.92 | 0.90 | 6.12 | 0.91 | 6.53 | 0.92 | 6.73 | 0.92 | 7.13 | 0.93 | 7.34 | 0.93 | 7.54 | 0.94 |
| | 15 | 5.03 | 1.02 | 5.60 | 1.04 | 5.80 | 1.04 | 6.18 | 1.05 | 6.37 | 1.06 | 6.75 | 1.07 | 6.94 | 1.07 | 7.13 | 1.08 |
| | 20 | 5.32 | 1.31 | 5.93 | 1.33 | 6.13 | 1.33 | 6.54 | 1.35 | 6.74 | 1.36 | 7.14 | 1.37 | 7.34 | 1.38 | 7.55 | 1.38 |
| | 25 | 5.07 | 1.49 | 5.65 | 1.51 | 5.84 | 1.52 | 6.23 | 1.54 | 6.42 | 1.54 | 6.81 | 1.56 | 7.00 | 1.57 | 7.19 | 1.57 |
| | 30 | 4.82 | 1.74 | 5.37 | 1.76 | 5.55 | 1.77 | 5.92 | 1.79 | 6.10 | 1.80 | 6.47 | 1.82 | 6.65 | 1.83 | 6.83 | 1.84 |
| | 35 | 4.50 | 1.88 | 5.02 | 1.91 | 5.19 | 1.92 | 5.53 | 1.94 | 5.70 | 1.95 | 6.04 | 1.97 | 6.21 | 1.98 | 6.38 | 1.99 |
| | 40 | 3.55 | 1.49 | 3.95 | 1.51 | 4.08 | 1.52 | 4.35 | 1.53 | 4.49 | 1.54 | 4.76 | 1.56 | 4.89 | 1.56 | 5.03 | 1.57 |
| | 46 | 2.66 | 1.29 | 2.96 | 1.31 | 3.06 | 1.32 | 3.26 | 1.33 | 3.36 | 1.34 | 3.56 | 1.35 | 3.67 | 1.36 | 3.77 | 1.37 |

## ●Indoor unit : 9000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | 21°CDB | | 23°CDB | | 25°CDB | | 27°CDB | | 29°CDB | | 30°CDB | | 32°CDB | |
| | °CWB | 12°CWB | | 15°CWB | | 16°CWB | | 18°CWB | | 19°CWB | | 21°CWB | | 22°CWB | | 23°CWB | |
| | (°CDB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+14 Outdoor temperature | 10 | 5.59 | 1.02 | 6.23 | 1.03 | 6.44 | 1.04 | 6.87 | 1.05 | 7.08 | 1.06 | 7.5 | 1.07 | 7.72 | 1.07 | 7.93 | 1.08 |
| | 15 | 5.28 | 1.15 | 5.88 | 1.16 | 6.08 | 1.17 | 6.48 | 1.18 | 6.68 | 1.19 | 7.08 | 1.20 | 7.28 | 1.21 | 7.48 | 1.21 |
| | 20 | 5.49 | 1.38 | 6.11 | 1.40 | 6.32 | 1.41 | 6.74 | 1.43 | 6.94 | 1.43 | 7.36 | 1.45 | 7.57 | 1.45 | 7.78 | 1.46 |
| | 25 | 5.23 | 1.57 | 5.83 | 1.60 | 6.03 | 1.61 | 6.43 | 1.62 | 6.62 | 1.63 | 7.02 | 1.65 | 7.22 | 1.66 | 7.42 | 1.66 |
| | 30 | 4.91 | 1.77 | 5.47 | 1.80 | 5.66 | 1.81 | 6.03 | 1.83 | 6.22 | 1.84 | 6.59 | 1.85 | 6.78 | 1.86 | 6.96 | 1.87 |
| | 35 | 4.58 | 1.92 | 5.10 | 1.95 | 5.28 | 1.96 | 5.63 | 1.98 | 5.80 | 1.99 | 6.15 | 2.01 | 6.32 | 2.02 | 6.50 | 2.03 |
| | 40 | 3.57 | 1.51 | 3.98 | 1.53 | 4.11 | 1.54 | 4.39 | 1.56 | 4.52 | 1.57 | 4.79 | 1.58 | 4.93 | 1.59 | 5.06 | 1.60 |
| | 46 | 2.66 | 1.31 | 2.96 | 1.33 | 3.06 | 1.34 | 3.26 | 1.35 | 3.36 | 1.36 | 3.56 | 1.37 | 3.66 | 1.38 | 3.77 | 1.39 |

## ●Indoor unit : 12000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | 21°CDB | | 23°CDB | | 25°CDB | | 27°CDB | | 29°CDB | | 30°CDB | | 32°CDB | |
| | °CWB | 12°CWB | | 15°CWB | | 16°CWB | | 18°CWB | | 19°CWB | | 21°CWB | | 22°CWB | | 23°CWB | |
| | (°CDB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 12+12 Outdoor temperature | 10 | 5.60 | 1.02 | 6.23 | 1.04 | 6.45 | 1.04 | 6.87 | 1.05 | 7.08 | 1.06 | 7.51 | 1.07 | 7.72 | 1.07 | 7.94 | 1.08 |
| | 15 | 5.28 | 1.15 | 5.88 | 1.17 | 6.08 | 1.17 | 6.48 | 1.18 | 6.68 | 1.19 | 7.08 | 1.20 | 7.28 | 1.21 | 7.49 | 1.21 |
| | 20 | 5.49 | 1.38 | 6.11 | 1.40 | 6.32 | 1.41 | 6.73 | 1.43 | 6.94 | 1.43 | 7.36 | 1.45 | 7.57 | 1.45 | 7.78 | 1.46 |
| | 25 | 5.23 | 1.57 | 5.83 | 1.60 | 6.02 | 1.61 | 6.42 | 1.62 | 6.62 | 1.63 | 7.02 | 1.65 | 7.22 | 1.66 | 7.41 | 1.66 |
| | 30 | 4.91 | 1.77 | 5.47 | 1.80 | 5.66 | 1.81 | 6.03 | 1.83 | 6.22 | 1.83 | 6.59 | 1.85 | 6.78 | 1.86 | 6.97 | 1.87 |
| | 35 | 4.58 | 1.92 | 5.10 | 1.95 | 5.28 | 1.96 | 5.63 | 1.98 | 5.80 | 1.99 | 6.15 | 2.01 | 6.32 | 2.02 | 6.50 | 2.03 |
| | 40 | 3.57 | 1.51 | 3.98 | 1.53 | 4.12 | 1.54 | 4.39 | 1.56 | 4.52 | 1.56 | 4.80 | 1.58 | 4.93 | 1.59 | 5.07 | 1.60 |
| | 46 | 2.66 | 1.31 | 2.96 | 1.33 | 3.06 | 1.34 | 3.26 | 1.35 | 3.36 | 1.36 | 3.57 | 1.37 | 3.67 | 1.38 | 3.77 | 1.38 |

TC : Total Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO∗G14-18L2

# 5-3. HEATING CAPACITY

This table is created using the maximum capacity.

Note: 2 or more indoor units should be connected.

## ■MODEL: AO∗G14L2

### ●Indoor unit : 7000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7 | Outdoor temperature | -15 | -16 | 2.13 | 0.92 | 2.08 | 0.93 | 2.03 | 0.95 | 1.98 | 0.97 | 1.93 | 0.99 |
| | | -10 | -11 | 2.50 | 0.98 | 2.44 | 1.00 | 2.38 | 1.02 | 2.32 | 1.04 | 2.26 | 1.06 |
| | | -5 | -7 | 2.65 | 0.94 | 2.59 | 0.96 | 2.52 | 0.98 | 2.46 | 1.00 | 2.40 | 1.02 |
| | | 0 | -2 | 2.88 | 0.91 | 2.81 | 0.93 | 2.74 | 0.94 | 2.67 | 0.96 | 2.61 | 0.98 |
| | | 5 | 3 | 3.23 | 0.83 | 3.15 | 0.85 | 3.08 | 0.86 | 3.00 | 0.88 | 2.92 | 0.90 |
| | | 7 | 6 | 3.47 | 0.85 | 3.38 | 0.87 | 3.30 | 0.89 | 3.22 | 0.91 | 3.14 | 0.93 |
| | | 10 | 8 | 3.62 | 0.87 | 3.53 | 0.89 | 3.45 | 0.91 | 3.36 | 0.92 | 3.28 | 0.94 |
| | | 15 | 10 | 3.76 | 0.88 | 3.67 | 0.89 | 3.58 | 0.91 | 3.49 | 0.93 | 3.40 | 0.95 |
| | | 20 | 15 | 3.99 | 0.87 | 3.89 | 0.89 | 3.80 | 0.91 | 3.70 | 0.93 | 3.61 | 0.95 |

### ●Indoor unit : 9000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9 | Outdoor temperature | -15 | -16 | 2.56 | 1.24 | 2.50 | 1.27 | 2.44 | 1.29 | 2.38 | 1.32 | 2.32 | 1.34 |
| | | -10 | -11 | 2.94 | 1.34 | 2.87 | 1.37 | 2.80 | 1.40 | 2.73 | 1.43 | 2.66 | 1.46 |
| | | -5 | -7 | 3.17 | 1.33 | 3.09 | 1.36 | 3.02 | 1.38 | 2.94 | 1.41 | 2.87 | 1.44 |
| | | 0 | -2 | 3.85 | 1.30 | 3.76 | 1.33 | 3.66 | 1.36 | 3.57 | 1.38 | 3.48 | 1.41 |
| | | 5 | 3 | 4.14 | 1.26 | 4.05 | 1.29 | 3.95 | 1.32 | 3.85 | 1.34 | 3.75 | 1.37 |
| | | 7 | 6 | 4.41 | 1.32 | 4.31 | 1.34 | 4.20 | 1.37 | 4.10 | 1.40 | 3.99 | 1.42 |
| | | 10 | 8 | 4.59 | 1.35 | 4.48 | 1.38 | 4.37 | 1.41 | 4.27 | 1.44 | 4.16 | 1.47 |
| | | 15 | 10 | 4.76 | 1.37 | 4.64 | 1.40 | 4.53 | 1.43 | 4.42 | 1.46 | 4.30 | 1.49 |
| | | 20 | 15 | 5.05 | 1.43 | 4.93 | 1.46 | 4.81 | 1.49 | 4.69 | 1.52 | 4.57 | 1.55 |

### ●Indoor unit : 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 12 | Outdoor temperature | -15 | -16 | 2.88 | 1.57 | 2.81 | 1.60 | 2.75 | 1.63 | 2.68 | 1.66 | 2.61 | 1.70 |
| | | -10 | -11 | 3.29 | 1.71 | 3.21 | 1.74 | 3.14 | 1.78 | 3.06 | 1.81 | 2.98 | 1.85 |
| | | -5 | -7 | 3.62 | 1.83 | 3.54 | 1.87 | 3.45 | 1.91 | 3.36 | 1.95 | 3.28 | 1.99 |
| | | 0 | -2 | 4.46 | 1.58 | 4.35 | 1.61 | 4.25 | 1.65 | 4.14 | 1.68 | 4.03 | 1.71 |
| | | 5 | 3 | 4.72 | 1.47 | 4.61 | 1.50 | 4.50 | 1.53 | 4.38 | 1.56 | 4.27 | 1.59 |
| | | 7 | 6 | 5.04 | 1.53 | 4.92 | 1.56 | 4.80 | 1.59 | 4.68 | 1.62 | 4.56 | 1.65 |
| | | 10 | 8 | 5.25 | 1.57 | 5.13 | 1.60 | 5.00 | 1.63 | 4.88 | 1.66 | 4.75 | 1.70 |
| | | 15 | 10 | 5.44 | 1.59 | 5.31 | 1.63 | 5.18 | 1.66 | 5.05 | 1.69 | 4.92 | 1.73 |
| | | 20 | 15 | 5.92 | 1.66 | 5.78 | 1.70 | 5.63 | 1.73 | 5.49 | 1.76 | 5.35 | 1.80 |

### ●Indoor unit : 7000Btu + 7000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7 | Outdoor temperature | -15 | -16 | 3.08 | 1.34 | 3.01 | 1.37 | 2.94 | 1.40 | 2.86 | 1.42 | 2.79 | 1.45 |
| | | -10 | -11 | 3.57 | 1.44 | 3.49 | 1.47 | 3.40 | 1.49 | 3.32 | 1.52 | 3.23 | 1.55 |
| | | -5 | -7 | 3.99 | 1.52 | 3.90 | 1.55 | 3.80 | 1.58 | 3.71 | 1.62 | 3.61 | 1.65 |
| | | 0 | -2 | 4.57 | 1.64 | 4.46 | 1.67 | 4.35 | 1.71 | 4.24 | 1.74 | 4.14 | 1.78 |
| | | 5 | 3 | 5.24 | 1.64 | 5.12 | 1.67 | 4.99 | 1.71 | 4.87 | 1.74 | 4.74 | 1.77 |
| | | 7 | 6 | 5.67 | 1.71 | 5.54 | 1.74 | 5.40 | 1.78 | 5.27 | 1.82 | 5.13 | 1.85 |
| | | 10 | 8 | 5.92 | 1.74 | 5.78 | 1.78 | 5.63 | 1.81 | 5.49 | 1.85 | 5.35 | 1.88 |
| | | 15 | 10 | 6.59 | 1.73 | 6.43 | 1.76 | 6.27 | 1.80 | 6.11 | 1.83 | 5.96 | 1.87 |
| | | 20 | 15 | 6.86 | 1.53 | 6.70 | 1.56 | 6.54 | 1.60 | 6.37 | 1.63 | 6.21 | 1.66 |

TC : Total Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO∗G14-18L2

## ●Indoor unit : 7000Btu + 9000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+9 | Outdoor temperature | -15 | -16 | 3.08 | 1.34 | 3.01 | 1.37 | 2.94 | 1.40 | 2.86 | 1.42 | 2.79 | 1.45 |
| | | -10 | -11 | 3.57 | 1.44 | 3.49 | 1.47 | 3.40 | 1.49 | 3.32 | 1.52 | 3.23 | 1.55 |
| | | -5 | -7 | 3.99 | 1.52 | 3.90 | 1.55 | 3.80 | 1.58 | 3.71 | 1.62 | 3.61 | 1.65 |
| | | 0 | -2 | 4.57 | 1.64 | 4.46 | 1.67 | 4.35 | 1.71 | 4.24 | 1.74 | 4.14 | 1.78 |
| | | 5 | 3 | 5.24 | 1.64 | 5.12 | 1.67 | 4.99 | 1.71 | 4.87 | 1.74 | 4.74 | 1.77 |
| | | 7 | 6 | 5.67 | 1.71 | 5.54 | 1.74 | 5.40 | 1.78 | 5.27 | 1.82 | 5.13 | 1.85 |
| | | 10 | 8 | 5.92 | 1.74 | 5.78 | 1.78 | 5.63 | 1.81 | 5.49 | 1.85 | 5.35 | 1.88 |
| | | 15 | 10 | 6.59 | 1.73 | 6.43 | 1.76 | 6.27 | 1.80 | 6.11 | 1.83 | 5.96 | 1.87 |
| | | 20 | 15 | 6.86 | 1.53 | 6.70 | 1.56 | 6.54 | 1.60 | 6.37 | 1.63 | 6.21 | 1.66 |

## ●Indoor unit : 7000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+12 | Outdoor temperature | -15 | -16 | 3.14 | 1.33 | 3.07 | 1.36 | 2.99 | 1.39 | 2.92 | 1.42 | 2.84 | 1.44 |
| | | -10 | -11 | 3.65 | 1.43 | 3.57 | 1.46 | 3.48 | 1.49 | 3.39 | 1.52 | 3.30 | 1.55 |
| | | -5 | -7 | 4.07 | 1.51 | 3.97 | 1.54 | 3.88 | 1.57 | 3.78 | 1.60 | 3.68 | 1.63 |
| | | 0 | -2 | 4.65 | 1.62 | 4.54 | 1.66 | 4.43 | 1.69 | 4.32 | 1.73 | 4.21 | 1.76 |
| | | 5 | 3 | 5.34 | 1.62 | 5.21 | 1.66 | 5.09 | 1.69 | 4.96 | 1.72 | 4.83 | 1.76 |
| | | 7 | 6 | 5.78 | 1.69 | 5.64 | 1.72 | 5.50 | 1.76 | 5.36 | 1.80 | 5.23 | 1.83 |
| | | 10 | 8 | 6.03 | 1.72 | 5.88 | 1.75 | 5.74 | 1.79 | 5.60 | 1.83 | 5.45 | 1.86 |
| | | 15 | 10 | 6.78 | 1.67 | 6.62 | 1.71 | 6.46 | 1.74 | 6.30 | 1.78 | 6.14 | 1.81 |
| | | 20 | 15 | 7.10 | 1.49 | 6.93 | 1.52 | 6.76 | 1.55 | 6.59 | 1.59 | 6.42 | 1.62 |

## ●Indoor unit : 9000Btu + 9000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+9 | Outdoor temperature | -15 | -16 | 3.08 | 1.34 | 3.01 | 1.37 | 2.94 | 1.40 | 2.86 | 1.42 | 2.79 | 1.45 |
| | | -10 | -11 | 3.57 | 1.44 | 3.49 | 1.47 | 3.40 | 1.49 | 3.32 | 1.52 | 3.23 | 1.55 |
| | | -5 | -7 | 3.99 | 1.52 | 3.90 | 1.55 | 3.80 | 1.58 | 3.71 | 1.62 | 3.61 | 1.65 |
| | | 0 | -2 | 4.57 | 1.64 | 4.46 | 1.67 | 4.35 | 1.71 | 4.24 | 1.74 | 4.14 | 1.78 |
| | | 5 | 3 | 5.24 | 1.64 | 5.12 | 1.67 | 4.99 | 1.71 | 4.87 | 1.74 | 4.74 | 1.77 |
| | | 7 | 6 | 5.67 | 1.71 | 5.54 | 1.74 | 5.40 | 1.78 | 5.27 | 1.82 | 5.13 | 1.85 |
| | | 10 | 8 | 5.92 | 1.74 | 5.78 | 1.78 | 5.63 | 1.81 | 5.49 | 1.85 | 5.35 | 1.88 |
| | | 15 | 10 | 6.59 | 1.73 | 6.43 | 1.76 | 6.27 | 1.80 | 6.11 | 1.83 | 5.96 | 1.87 |
| | | 20 | 15 | 6.86 | 1.53 | 6.70 | 1.56 | 6.54 | 1.60 | 6.37 | 1.63 | 6.21 | 1.66 |

## ●Indoor unit : 9000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+12 | Outdoor temperature | -15 | -16 | 3.14 | 1.33 | 3.07 | 1.36 | 2.99 | 1.39 | 2.92 | 1.42 | 2.84 | 1.44 |
| | | -10 | -11 | 3.65 | 1.43 | 3.57 | 1.46 | 3.48 | 1.49 | 3.39 | 1.52 | 3.30 | 1.55 |
| | | -5 | -7 | 4.07 | 1.51 | 3.97 | 1.54 | 3.88 | 1.57 | 3.78 | 1.60 | 3.68 | 1.63 |
| | | 0 | -2 | 4.65 | 1.62 | 4.54 | 1.66 | 4.43 | 1.69 | 4.32 | 1.73 | 4.21 | 1.76 |
| | | 5 | 3 | 5.34 | 1.62 | 5.21 | 1.66 | 5.09 | 1.69 | 4.96 | 1.72 | 4.83 | 1.76 |
| | | 7 | 6 | 5.78 | 1.69 | 5.64 | 1.72 | 5.50 | 1.76 | 5.36 | 1.80 | 5.23 | 1.83 |
| | | 10 | 8 | 6.03 | 1.72 | 5.88 | 1.75 | 5.74 | 1.79 | 5.60 | 1.83 | 5.45 | 1.86 |
| | | 15 | 10 | 6.78 | 1.67 | 6.62 | 1.71 | 6.46 | 1.74 | 6.30 | 1.78 | 6.14 | 1.81 |
| | | 20 | 15 | 7.10 | 1.49 | 6.93 | 1.52 | 6.76 | 1.55 | 6.59 | 1.59 | 6.42 | 1.62 |

TC : Total Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO∗G14-18L2

Note: 2 or more indoor units should be connected.

# ■MODEL: AO∗G18L2

## ●Indoor unit : 7000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7 | Outdoor temperature | -15 | -16 | 2.15 | 1.03 | 2.10 | 1.06 | 2.05 | 1.08 | 2.00 | 1.10 | 1.95 | 1.12 |
| | | -10 | -11 | 2.51 | 1.11 | 2.45 | 1.13 | 2.39 | 1.15 | 2.33 | 1.17 | 2.27 | 1.20 |
| | | -5 | -7 | 2.77 | 1.09 | 2.70 | 1.11 | 2.64 | 1.13 | 2.57 | 1.16 | 2.51 | 1.18 |
| | | 0 | -2 | 3.00 | 1.05 | 2.93 | 1.07 | 2.85 | 1.09 | 2.78 | 1.11 | 2.71 | 1.13 |
| | | 5 | 3 | 3.22 | 1.00 | 3.15 | 1.02 | 3.07 | 1.04 | 2.99 | 1.06 | 2.92 | 1.08 |
| | | 7 | 6 | 3.47 | 1.03 | 3.38 | 1.05 | 3.30 | 1.07 | 3.22 | 1.09 | 3.14 | 1.11 |
| | | 10 | 8 | 3.70 | 1.03 | 3.61 | 1.06 | 3.52 | 1.08 | 3.44 | 1.10 | 3.35 | 1.12 |
| | | 15 | 10 | 3.99 | 1.06 | 3.90 | 1.08 | 3.80 | 1.10 | 3.71 | 1.12 | 3.61 | 1.15 |
| | | 20 | 15 | 4.23 | 1.09 | 4.13 | 1.11 | 4.03 | 1.13 | 3.93 | 1.15 | 3.83 | 1.18 |

## ●Indoor unit : 9000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9 | Outdoor temperature | -15 | -16 | 2.71 | 1.34 | 2.65 | 1.37 | 2.58 | 1.40 | 2.52 | 1.43 | 2.45 | 1.46 |
| | | -10 | -11 | 3.20 | 1.46 | 3.12 | 1.49 | 3.04 | 1.52 | 2.97 | 1.56 | 2.89 | 1.59 |
| | | -5 | -7 | 3.43 | 1.43 | 3.35 | 1.46 | 3.27 | 1.49 | 3.18 | 1.52 | 3.10 | 1.55 |
| | | 0 | -2 | 3.75 | 1.41 | 3.66 | 1.44 | 3.58 | 1.47 | 3.49 | 1.50 | 3.40 | 1.53 |
| | | 5 | 3 | 4.13 | 1.36 | 4.03 | 1.39 | 3.93 | 1.42 | 3.83 | 1.44 | 3.74 | 1.47 |
| | | 7 | 6 | 4.41 | 1.41 | 4.31 | 1.44 | 4.20 | 1.47 | 4.10 | 1.50 | 3.99 | 1.53 |
| | | 10 | 8 | 4.59 | 1.45 | 4.48 | 1.48 | 4.37 | 1.51 | 4.26 | 1.54 | 4.15 | 1.57 |
| | | 15 | 10 | 5.05 | 1.52 | 4.93 | 1.55 | 4.81 | 1.58 | 4.69 | 1.61 | 4.57 | 1.64 |
| | | 20 | 15 | 5.34 | 1.57 | 5.21 | 1.60 | 5.08 | 1.64 | 4.96 | 1.67 | 4.83 | 1.70 |

## ●Indoor unit : 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 12 | Outdoor temperature | -15 | -16 | 3.10 | 1.62 | 3.03 | 1.66 | 2.95 | 1.69 | 2.88 | 1.73 | 2.81 | 1.76 |
| | | -10 | -11 | 3.70 | 1.78 | 3.61 | 1.82 | 3.52 | 1.85 | 3.43 | 1.89 | 3.34 | 1.93 |
| | | -5 | -7 | 3.97 | 1.75 | 3.87 | 1.79 | 3.78 | 1.83 | 3.68 | 1.86 | 3.59 | 1.90 |
| | | 0 | -2 | 4.37 | 1.70 | 4.27 | 1.74 | 4.16 | 1.77 | 4.06 | 1.81 | 3.95 | 1.84 |
| | | 5 | 3 | 4.70 | 1.57 | 4.58 | 1.60 | 4.47 | 1.63 | 4.36 | 1.67 | 4.25 | 1.70 |
| | | 7 | 6 | 5.04 | 1.63 | 4.92 | 1.66 | 4.80 | 1.70 | 4.68 | 1.73 | 4.56 | 1.76 |
| | | 10 | 8 | 5.27 | 1.67 | 5.14 | 1.70 | 5.02 | 1.74 | 4.89 | 1.77 | 4.76 | 1.80 |
| | | 15 | 10 | 5.81 | 1.74 | 5.67 | 1.78 | 5.53 | 1.81 | 5.39 | 1.85 | 5.25 | 1.89 |
| | | 20 | 15 | 6.14 | 1.80 | 5.99 | 1.84 | 5.85 | 1.87 | 5.70 | 1.91 | 5.55 | 1.95 |

## ●Indoor unit : 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 14 | Outdoor temperature | -15 | -16 | 3.59 | 1.84 | 3.50 | 1.88 | 3.42 | 1.92 | 3.33 | 1.96 | 3.25 | 1.99 |
| | | -10 | -11 | 4.28 | 2.02 | 4.18 | 2.06 | 4.08 | 2.10 | 3.98 | 2.14 | 3.88 | 2.18 |
| | | -5 | -7 | 4.60 | 1.99 | 4.49 | 2.04 | 4.38 | 2.08 | 4.27 | 2.12 | 4.16 | 2.16 |
| | | 0 | -2 | 5.12 | 1.95 | 5.00 | 1.99 | 4.87 | 2.03 | 4.75 | 2.07 | 4.63 | 2.11 |
| | | 5 | 3 | 5.57 | 1.81 | 5.44 | 1.85 | 5.31 | 1.89 | 5.18 | 1.93 | 5.04 | 1.96 |
| | | 7 | 6 | 6.09 | 1.90 | 5.95 | 1.94 | 5.80 | 1.98 | 5.66 | 2.02 | 5.51 | 2.06 |
| | | 10 | 8 | 6.37 | 1.95 | 6.22 | 1.99 | 6.07 | 2.03 | 5.91 | 2.07 | 5.76 | 2.11 |
| | | 15 | 10 | 6.69 | 1.94 | 6.53 | 1.98 | 6.37 | 2.02 | 6.21 | 2.06 | 6.05 | 2.10 |
| | | 20 | 15 | 7.01 | 1.93 | 6.84 | 1.97 | 6.67 | 2.01 | 6.51 | 2.05 | 6.34 | 2.09 |

TC : Total Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO∗G14-18L2

## ●Indoor unit : 7000Btu + 7000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7 | Outdoor temperature | -15 | -16 | 3.58 | 1.65 | 3.50 | 1.69 | 3.41 | 1.72 | 3.33 | 1.75 | 3.24 | 1.79 |
| | | -10 | -11 | 4.20 | 1.72 | 4.10 | 1.76 | 4.00 | 1.79 | 3.90 | 1.83 | 3.80 | 1.86 |
| | | -5 | -7 | 4.55 | 1.69 | 4.44 | 1.72 | 4.34 | 1.76 | 4.23 | 1.80 | 4.12 | 1.83 |
| | | 0 | -2 | 4.98 | 1.62 | 4.86 | 1.65 | 4.75 | 1.68 | 4.63 | 1.72 | 4.51 | 1.75 |
| | | 5 | 3 | 5.40 | 1.50 | 5.27 | 1.53 | 5.14 | 1.57 | 5.01 | 1.60 | 4.88 | 1.63 |
| | | 7 | 6 | 6.31 | 1.55 | 6.16 | 1.58 | 6.00 | 1.61 | 5.85 | 1.64 | 5.70 | 1.67 |
| | | 10 | 8 | 6.39 | 1.63 | 6.24 | 1.66 | 6.08 | 1.69 | 5.93 | 1.73 | 5.78 | 1.76 |
| | | 15 | 10 | 6.95 | 1.67 | 6.78 | 1.70 | 6.62 | 1.74 | 6.45 | 1.77 | 6.29 | 1.81 |
| | | 20 | 15 | 7.39 | 1.71 | 7.22 | 1.74 | 7.04 | 1.78 | 6.87 | 1.82 | 6.69 | 1.85 |

## ●Indoor unit : 7000Btu + 9000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+9 | Outdoor temperature | -15 | -16 | 3.59 | 1.83 | 3.50 | 1.87 | 3.42 | 1.91 | 3.33 | 1.95 | 3.24 | 1.98 |
| | | -10 | -11 | 4.48 | 1.93 | 4.37 | 1.97 | 4.26 | 2.01 | 4.16 | 2.05 | 4.05 | 2.09 |
| | | -5 | -7 | 4.87 | 1.91 | 4.75 | 1.95 | 4.64 | 1.99 | 4.52 | 2.03 | 4.40 | 2.06 |
| | | 0 | -2 | 5.35 | 1.84 | 5.22 | 1.88 | 5.09 | 1.92 | 4.97 | 1.96 | 4.84 | 2.00 |
| | | 5 | 3 | 5.84 | 1.74 | 5.70 | 1.77 | 5.56 | 1.81 | 5.42 | 1.84 | 5.28 | 1.88 |
| | | 7 | 6 | 6.30 | 1.80 | 6.15 | 1.83 | 6.00 | 1.87 | 5.85 | 1.91 | 5.70 | 1.94 |
| | | 10 | 8 | 6.61 | 1.83 | 6.45 | 1.87 | 6.30 | 1.91 | 6.14 | 1.95 | 5.98 | 1.99 |
| | | 15 | 10 | 6.97 | 1.86 | 6.81 | 1.90 | 6.64 | 1.94 | 6.48 | 1.98 | 6.31 | 2.02 |
| | | 20 | 15 | 7.48 | 1.85 | 7.31 | 1.88 | 7.13 | 1.92 | 6.95 | 1.96 | 6.77 | 2.00 |

## ●Indoor unit : 7000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+12 | Outdoor temperature | -15 | -16 | 3.63 | 2.04 | 3.55 | 2.08 | 3.46 | 2.12 | 3.37 | 2.17 | 3.29 | 2.21 |
| | | -10 | -11 | 4.57 | 2.03 | 4.46 | 2.07 | 4.35 | 2.11 | 4.24 | 2.15 | 4.13 | 2.20 |
| | | -5 | -7 | 5.01 | 2.03 | 4.89 | 2.08 | 4.77 | 2.12 | 4.65 | 2.16 | 4.53 | 2.20 |
| | | 0 | -2 | 5.42 | 1.89 | 5.29 | 1.93 | 5.16 | 1.97 | 5.03 | 2.01 | 4.90 | 2.05 |
| | | 5 | 3 | 5.99 | 1.70 | 5.84 | 1.74 | 5.70 | 1.77 | 5.56 | 1.81 | 5.42 | 1.85 |
| | | 7 | 6 | 6.41 | 1.80 | 6.25 | 1.84 | 6.10 | 1.88 | 5.95 | 1.92 | 5.80 | 1.96 |
| | | 10 | 8 | 6.74 | 1.84 | 6.58 | 1.88 | 6.42 | 1.92 | 6.26 | 1.96 | 6.10 | 2.00 |
| | | 15 | 10 | 7.06 | 1.76 | 6.89 | 1.79 | 6.73 | 1.83 | 6.56 | 1.87 | 6.39 | 1.90 |
| | | 20 | 15 | 7.66 | 1.76 | 7.48 | 1.80 | 7.30 | 1.84 | 7.12 | 1.87 | 6.93 | 1.91 |

## ●Indoor unit : 7000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+14 | Outdoor temperature | -15 | -16 | 3.93 | 2.07 | 3.83 | 2.12 | 3.74 | 2.16 | 3.65 | 2.20 | 3.55 | 2.25 |
| | | -10 | -11 | 4.86 | 2.07 | 4.75 | 2.11 | 4.63 | 2.16 | 4.52 | 2.20 | 4.40 | 2.24 |
| | | -5 | -7 | 5.37 | 2.07 | 5.25 | 2.12 | 5.12 | 2.16 | 4.99 | 2.20 | 4.86 | 2.25 |
| | | 0 | -2 | 5.82 | 1.93 | 5.68 | 1.97 | 5.54 | 2.01 | 5.41 | 2.05 | 5.27 | 2.09 |
| | | 5 | 3 | 6.06 | 1.73 | 5.91 | 1.77 | 5.77 | 1.80 | 5.62 | 1.84 | 5.48 | 1.88 |
| | | 7 | 6 | 6.51 | 1.79 | 6.36 | 1.82 | 6.20 | 1.86 | 6.05 | 1.90 | 5.89 | 1.93 |
| | | 10 | 8 | 6.81 | 1.82 | 6.65 | 1.86 | 6.49 | 1.90 | 6.32 | 1.93 | 6.16 | 1.97 |
| | | 15 | 10 | 7.63 | 1.81 | 7.45 | 1.85 | 7.27 | 1.88 | 7.09 | 1.92 | 6.91 | 1.96 |
| | | 20 | 15 | 8.06 | 1.82 | 7.87 | 1.86 | 7.68 | 1.90 | 7.49 | 1.94 | 7.30 | 1.98 |

TC : Total Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO∗G14-18L2

## ●Indoor unit : 9000Btu + 9000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+9 | Outdoor temperature | -15 | -16 | 3.60 | 1.83 | 3.51 | 1.87 | 3.43 | 1.91 | 3.34 | 1.95 | 3.26 | 1.99 |
| | | -10 | -11 | 4.48 | 1.92 | 4.37 | 1.96 | 4.27 | 2.00 | 4.16 | 2.04 | 4.05 | 2.08 |
| | | -5 | -7 | 4.88 | 1.90 | 4.76 | 1.94 | 4.64 | 1.98 | 4.53 | 2.02 | 4.41 | 2.06 |
| | | 0 | -2 | 5.36 | 1.85 | 5.23 | 1.89 | 5.11 | 1.92 | 4.98 | 1.96 | 4.85 | 2.00 |
| | | 5 | 3 | 5.93 | 1.76 | 5.79 | 1.80 | 5.65 | 1.83 | 5.51 | 1.87 | 5.37 | 1.91 |
| | | 7 | 6 | 6.41 | 1.82 | 6.25 | 1.86 | 6.10 | 1.90 | 5.95 | 1.94 | 5.80 | 1.98 |
| | | 10 | 8 | 6.73 | 1.87 | 6.57 | 1.91 | 6.41 | 1.95 | 6.25 | 1.98 | 6.09 | 2.02 |
| | | 15 | 10 | 6.96 | 1.75 | 6.79 | 1.79 | 6.63 | 1.83 | 6.46 | 1.86 | 6.30 | 1.90 |
| | | 20 | 15 | 7.51 | 1.74 | 7.33 | 1.78 | 7.15 | 1.81 | 6.97 | 1.85 | 6.79 | 1.89 |

## ●Indoor unit : 9000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+12 | Outdoor temperature | -15 | -16 | 3.92 | 2.04 | 3.83 | 2.08 | 3.74 | 2.12 | 3.64 | 2.17 | 3.55 | 2.21 |
| | | -10 | -11 | 4.93 | 2.03 | 4.81 | 2.07 | 4.70 | 2.11 | 4.58 | 2.15 | 4.46 | 2.20 |
| | | -5 | -7 | 5.41 | 2.03 | 5.28 | 2.08 | 5.15 | 2.12 | 5.02 | 2.16 | 4.89 | 2.20 |
| | | 0 | -2 | 5.85 | 1.89 | 5.71 | 1.93 | 5.58 | 1.97 | 5.44 | 2.01 | 5.30 | 2.05 |
| | | 5 | 3 | 6.10 | 1.70 | 5.95 | 1.74 | 5.81 | 1.77 | 5.66 | 1.81 | 5.52 | 1.85 |
| | | 7 | 6 | 6.51 | 1.80 | 6.35 | 1.84 | 6.20 | 1.88 | 6.04 | 1.92 | 5.89 | 1.96 |
| | | 10 | 8 | 7.28 | 1.84 | 7.11 | 1.88 | 6.94 | 1.92 | 6.76 | 1.96 | 6.59 | 2.00 |
| | | 15 | 10 | 7.63 | 1.76 | 7.45 | 1.79 | 7.26 | 1.83 | 7.08 | 1.87 | 6.90 | 1.90 |
| | | 20 | 15 | 8.09 | 1.76 | 7.90 | 1.80 | 7.71 | 1.84 | 7.52 | 1.87 | 7.32 | 1.91 |

## ●Indoor unit : 9000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+14 | Outdoor temperature | -15 | -16 | 3.99 | 2.07 | 3.90 | 2.12 | 3.80 | 2.16 | 3.71 | 2.20 | 3.61 | 2.25 |
| | | -10 | -11 | 4.94 | 2.07 | 4.83 | 2.11 | 4.71 | 2.16 | 4.59 | 2.20 | 4.47 | 2.24 |
| | | -5 | -7 | 5.46 | 2.07 | 5.33 | 2.12 | 5.20 | 2.16 | 5.07 | 2.20 | 4.94 | 2.25 |
| | | 0 | -2 | 5.92 | 1.93 | 5.78 | 1.97 | 5.63 | 2.01 | 5.49 | 2.05 | 5.35 | 2.09 |
| | | 5 | 3 | 6.12 | 1.73 | 5.97 | 1.77 | 5.83 | 1.80 | 5.68 | 1.84 | 5.54 | 1.88 |
| | | 7 | 6 | 6.62 | 1.79 | 6.46 | 1.82 | 6.30 | 1.86 | 6.14 | 1.90 | 5.99 | 1.93 |
| | | 10 | 8 | 6.92 | 1.82 | 6.76 | 1.86 | 6.59 | 1.90 | 6.43 | 1.93 | 6.26 | 1.97 |
| | | 15 | 10 | 7.76 | 1.81 | 7.57 | 1.85 | 7.39 | 1.88 | 7.20 | 1.92 | 7.02 | 1.96 |
| | | 20 | 15 | 8.19 | 1.82 | 8.00 | 1.86 | 7.80 | 1.90 | 7.61 | 1.94 | 7.41 | 1.98 |

## ●Indoor unit : 12000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 12+12 | Outdoor temperature | -15 | -16 | 4.02 | 2.09 | 3.92 | 2.14 | 3.83 | 2.18 | 3.73 | 2.22 | 3.64 | 2.27 |
| | | -10 | -11 | 5.04 | 2.09 | 4.92 | 2.14 | 4.80 | 2.18 | 4.68 | 2.22 | 4.56 | 2.27 |
| | | -5 | -7 | 5.49 | 2.07 | 5.36 | 2.11 | 5.23 | 2.16 | 5.10 | 2.20 | 4.97 | 2.24 |
| | | 0 | -2 | 5.94 | 1.92 | 5.80 | 1.96 | 5.66 | 2.00 | 5.52 | 2.04 | 5.38 | 2.08 |
| | | 5 | 3 | 6.14 | 1.72 | 5.99 | 1.75 | 5.85 | 1.79 | 5.70 | 1.82 | 5.55 | 1.86 |
| | | 7 | 6 | 6.62 | 1.77 | 6.46 | 1.80 | 6.30 | 1.84 | 6.14 | 1.88 | 5.99 | 1.91 |
| | | 10 | 8 | 6.93 | 1.80 | 6.77 | 1.83 | 6.60 | 1.87 | 6.44 | 1.91 | 6.27 | 1.95 |
| | | 15 | 10 | 7.85 | 1.80 | 7.67 | 1.83 | 7.48 | 1.87 | 7.29 | 1.91 | 7.10 | 1.95 |
| | | 20 | 15 | 8.37 | 1.81 | 8.17 | 1.85 | 7.97 | 1.88 | 7.77 | 1.92 | 7.57 | 1.96 |

TC : Total Capacity (kW)
IP : Input Power (kW)

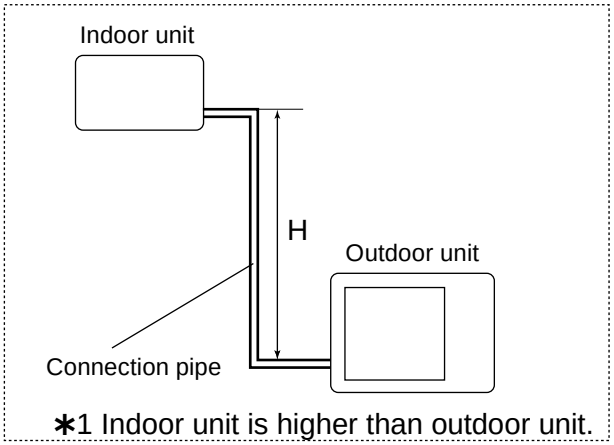
# 6. CAPACITY COMPENSATION RATE FOR PIPE LENGTH AND HEIGHT DEFFERENCE

## ■ INDOOR UNIT : 7000Btu (AO∗G14L2)

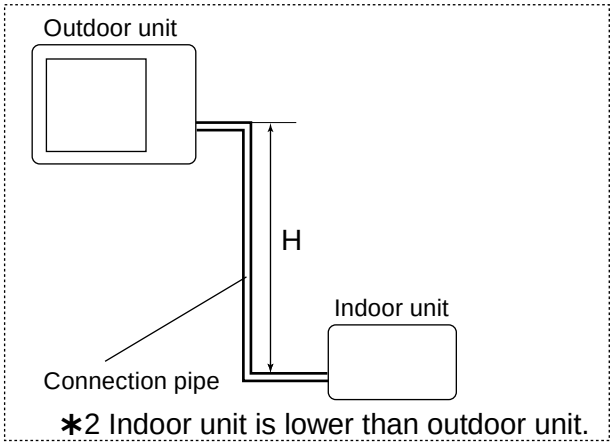
| COOLING | | | Pipe length (m) | | | | |
|---|---|---|---|---|---|---|---|
| | | | 3 | 5 | 10 | 15 | 20 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.936 | 0.908 |
| | | 10 | - | - | 0.969 | 0.943 | 0.915 |
| | | 5 | - | 0.988 | 0.973 | 0.947 | 0.919 |
| | | 3 | 0.992 | 0.992 | 0.977 | 0.951 | 0.922 |
| | | 0 | 1.000 | 1.000 | 0.985 | 0.959 | 0.930 |
| | ∗2 Indoor unit is lower than outdoor unit | -3 | 1.000 | 1.000 | 0.985 | 0.959 | 0.930 |
| | | -5 | - | 1.000 | 0.985 | 0.959 | 0.930 |
| | | -10 | - | - | 0.985 | 0.959 | 0.930 |
| | | -15 | - | - | - | 0.959 | 0.930 |

| HEATING | | | Pipe length (m) | | | | |
|---|---|---|---|---|---|---|---|
| | | | 3 | 5 | 10 | 15 | 20 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.937 | 0.915 |
| | | 10 | - | - | 0.956 | 0.937 | 0.915 |
| | | 5 | - | 1.000 | 0.956 | 0.937 | 0.915 |
| | | 3 | 0.990 | 1.000 | 0.956 | 0.937 | 0.915 |
| | | 0 | 0.990 | 1.000 | 0.956 | 0.937 | 0.915 |
| | ∗2 Indoor unit is lower than outdoor unit | -3 | 0.985 | 0.995 | 0.951 | 0.932 | 0.910 |
| | | -5 | - | 0.993 | 0.949 | 0.930 | 0.909 |
| | | -10 | - | - | 0.946 | 0.928 | 0.906 |
| | | -15 | - | - | - | 0.923 | 0.901 |

Height difference H




∗1 Indoor unit is higher than outdoor unit.




∗2 Indoor unit is lower than outdoor unit.

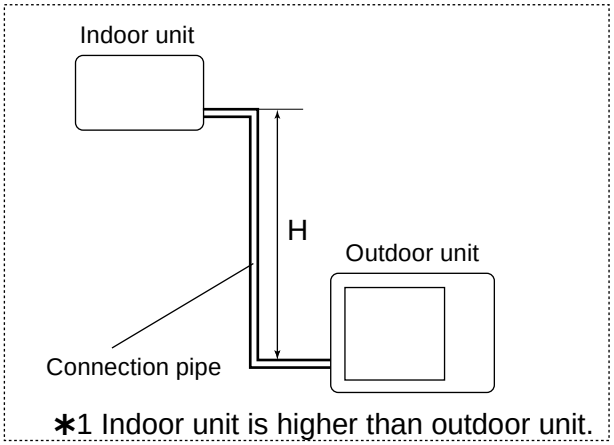
OUTDOOR UNIT
AO∗G14-18L2

# ■ INDOOR UNIT : 7000Btu (AO∗G18L2)

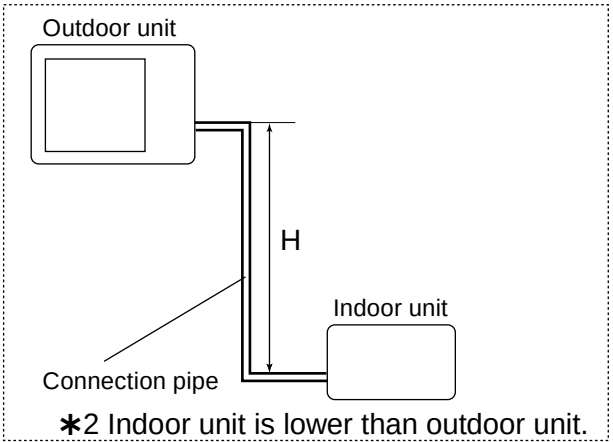
| COOLING | | | Pipe length (m) | | | | |
|---|---|---|---|---|---|---|---|
| | | | 3 | 5 | 10 | 15 | 20 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.940 | 0.914 |
| | | 10 | - | - | 0.973 | 0.948 | 0.921 |
| | | 5 | - | 0.988 | 0.977 | 0.952 | 0.925 |
| | | 3 | 0.992 | 0.992 | 0.981 | 0.956 | 0.929 |
| | | 0 | 1.000 | 1.000 | 0.989 | 0.963 | 0.936 |
| | ∗2 Indoor unit is lower than outdoor unit | -3 | 1.000 | 1.000 | 0.989 | 0.963 | 0.936 |
| | | -5 | - | 1.000 | 0.989 | 0.963 | 0.936 |
| | | -10 | - | - | 0.989 | 0.963 | 0.936 |
| | | -15 | - | - | - | 0.963 | 0.936 |

| HEATING | | | Pipe length (m) | | | | |
|---|---|---|---|---|---|---|---|
| | | | 3 | 5 | 10 | 15 | 20 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.942 | 0.925 |
| | | 10 | - | - | 0.959 | 0.942 | 0.925 |
| | | 5 | - | 1.000 | 0.959 | 0.942 | 0.925 |
| | | 3 | 0.990 | 1.000 | 0.959 | 0.942 | 0.925 |
| | | 0 | 0.990 | 1.000 | 0.959 | 0.942 | 0.925 |
| | ∗2 Indoor unit is lower than outdoor unit | -3 | 0.985 | 0.995 | 0.954 | 0.937 | 0.920 |
| | | -5 | - | 0.993 | 0.952 | 0.935 | 0.919 |
| | | -10 | - | - | 0.949 | 0.933 | 0.916 |
| | | -15 | - | - | - | 0.928 | 0.911 |

Height difference H




∗1 Indoor unit is higher than outdoor unit.




∗2 Indoor unit is lower than outdoor unit.

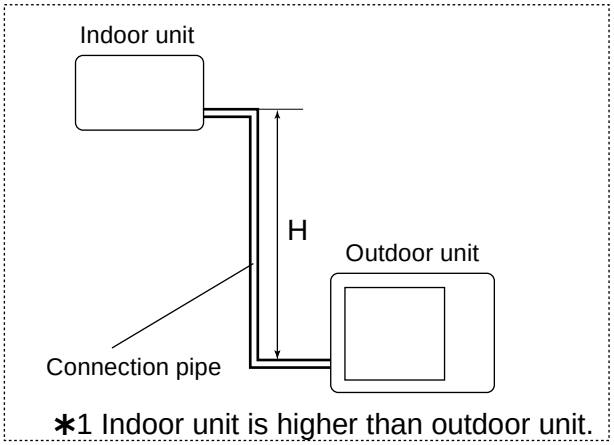
OUTDOOR UNIT
AO∗G14-18L2

# ■ INDOOR UNIT : 9000Btu (AO∗G14L2)

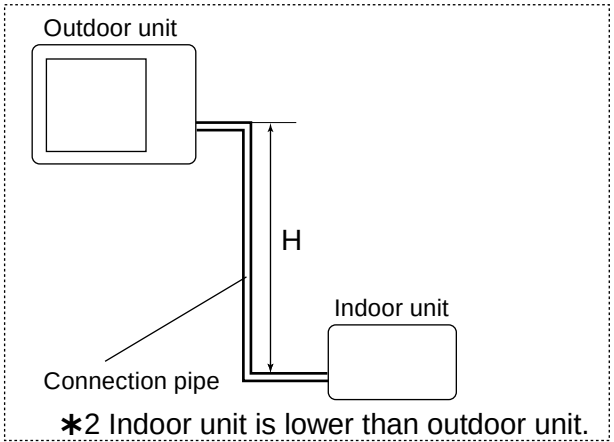
| COOLING | | | Pipe length (m) | | | | |
|---|---|---|---|---|---|---|---|
| | | | 3 | 5 | 10 | 15 | 20 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.924 | 0.891 |
| | | 10 | - | - | 0.962 | 0.931 | 0.899 |
| | | 5 | - | 0.988 | 0.966 | 0.935 | 0.902 |
| | | 3 | 0.992 | 0.992 | 0.969 | 0.939 | 0.906 |
| | | 0 | 1.000 | 1.000 | 0.977 | 0.946 | 0.913 |
| | ∗2 Indoor unit is lower than outdoor unit | -3 | 1.000 | 1.000 | 0.977 | 0.946 | 0.913 |
| | | -5 | - | 1.000 | 0.977 | 0.946 | 0.913 |
| | | -10 | - | - | 0.977 | 0.946 | 0.913 |
| | | -15 | - | - | - | 0.946 | 0.913 |

| HEATING | | | Pipe length (m) | | | | |
|---|---|---|---|---|---|---|---|
| | | | 3 | 5 | 10 | 15 | 20 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.937 | 0.914 |
| | | 10 | - | - | 0.956 | 0.937 | 0.914 |
| | | 5 | - | 1.000 | 0.956 | 0.937 | 0.914 |
| | | 3 | 0.990 | 1.000 | 0.956 | 0.937 | 0.914 |
| | | 0 | 0.990 | 1.000 | 0.956 | 0.937 | 0.914 |
| | ∗2 Indoor unit is lower than outdoor unit | -3 | 0.985 | 0.995 | 0.951 | 0.932 | 0.909 |
| | | -5 | - | 0.993 | 0.949 | 0.930 | 0.908 |
| | | -10 | - | - | 0.946 | 0.927 | 0.905 |
| | | -15 | - | - | - | 0.923 | 0.900 |

Height difference H




∗1 Indoor unit is higher than outdoor unit.




∗2 Indoor unit is lower than outdoor unit.

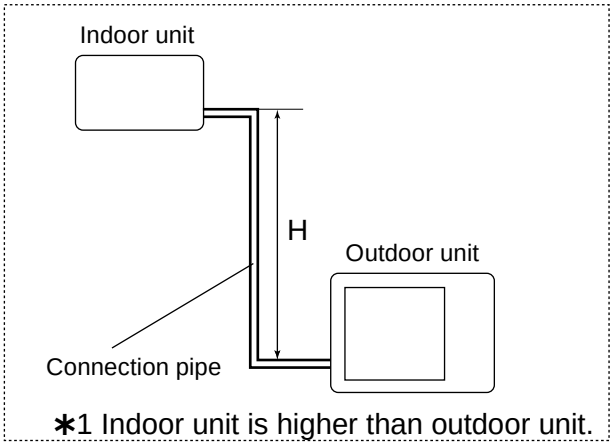
OUTDOOR UNIT
AO∗G14-18L2

# ■ INDOOR UNIT : 9000Btu (AO∗G18L2)

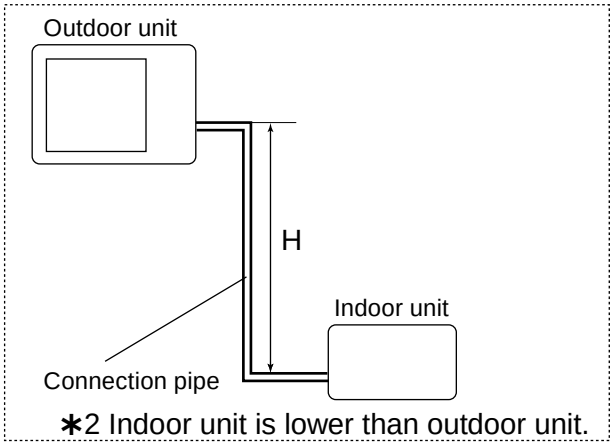
| COOLING | | | Pipe length (m) | | | | |
|---|---|---|---|---|---|---|---|
| | | | 3 | 5 | 10 | 15 | 20 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.928 | 0.898 |
| | | 10 | - | - | 0.966 | 0.936 | 0.905 |
| | | 5 | - | 0.988 | 0.969 | 0.940 | 0.909 |
| | | 3 | 0.992 | 0.992 | 0.973 | 0.943 | 0.912 |
| | | 0 | 1.000 | 1.000 | 0.981 | 0.951 | 0.920 |
| | ∗2 Indoor unit is lower than outdoor unit | -3 | 1.000 | 1.000 | 0.981 | 0.951 | 0.920 |
| | | -5 | - | 1.000 | 0.981 | 0.951 | 0.920 |
| | | -10 | - | - | 0.981 | 0.951 | 0.920 |
| | | -15 | - | - | - | 0.951 | 0.920 |

| HEATING | | | Pipe length (m) | | | | |
|---|---|---|---|---|---|---|---|
| | | | 3 | 5 | 10 | 15 | 20 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.942 | 0.924 |
| | | 10 | - | - | 0.959 | 0.942 | 0.924 |
| | | 5 | - | 1.000 | 0.959 | 0.942 | 0.924 |
| | | 3 | 0.990 | 1.000 | 0.959 | 0.942 | 0.924 |
| | | 0 | 0.990 | 1.000 | 0.959 | 0.942 | 0.924 |
| | ∗2 Indoor unit is lower than outdoor unit | -3 | 0.985 | 0.995 | 0.954 | 0.937 | 0.919 |
| | | -5 | - | 0.993 | 0.952 | 0.935 | 0.918 |
| | | -10 | - | - | 0.949 | 0.932 | 0.915 |
| | | -15 | - | - | - | 0.928 | 0.910 |

Height difference H




∗1 Indoor unit is higher than outdoor unit.




∗2 Indoor unit is lower than outdoor unit.

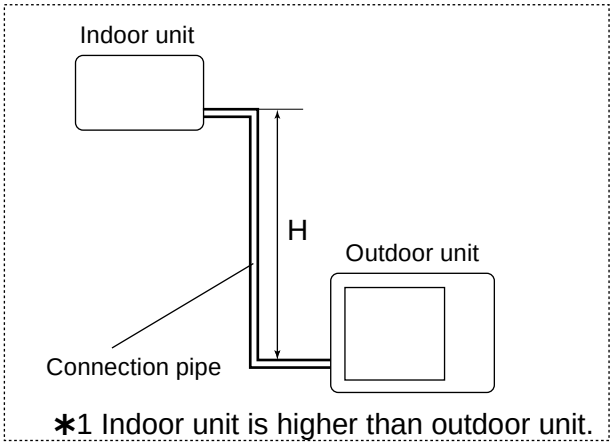
OUTDOOR UNIT
AO∗G14-18L2

# ■ INDOOR UNIT : 12000Btu (AO∗G14L2)

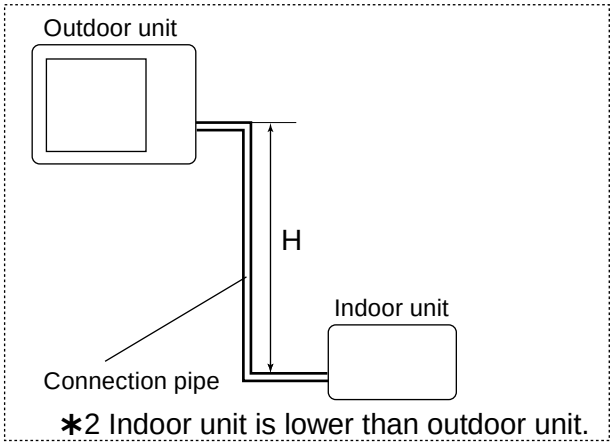
| COOLING | | | Pipe length (m) | | | | |
|---|---|---|---|---|---|---|---|
| | | | 3 | 5 | 10 | 15 | 20 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.914 | 0.877 |
| | | 10 | - | - | 0.959 | 0.921 | 0.884 |
| | | 5 | - | 0.988 | 0.962 | 0.925 | 0.888 |
| | | 3 | 0.992 | 0.992 | 0.966 | 0.929 | 0.891 |
| | | 0 | 1.000 | 1.000 | 0.974 | 0.936 | 0.899 |
| | ∗2 Indoor unit is lower than outdoor unit | -3 | 1.000 | 1.000 | 0.974 | 0.936 | 0.899 |
| | | -5 | - | 1.000 | 0.974 | 0.936 | 0.899 |
| | | -10 | - | - | 0.974 | 0.936 | 0.899 |
| | | -15 | - | - | - | 0.936 | 0.899 |

| HEATING | | | Pipe length (m) | | | | |
|---|---|---|---|---|---|---|---|
| | | | 3 | 5 | 10 | 15 | 20 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.936 | 0.914 |
| | | 10 | - | - | 0.955 | 0.936 | 0.914 |
| | | 5 | - | 1.000 | 0.955 | 0.936 | 0.914 |
| | | 3 | 0.992 | 1.000 | 0.955 | 0.936 | 0.914 |
| | | 0 | 0.992 | 1.000 | 0.955 | 0.936 | 0.914 |
| | ∗2 Indoor unit is lower than outdoor unit | -3 | 0.987 | 0.995 | 0.950 | 0.931 | 0.909 |
| | | -5 | - | 0.993 | 0.948 | 0.929 | 0.908 |
| | | -10 | - | - | 0.945 | 0.927 | 0.905 |
| | | -15 | - | - | - | 0.922 | 0.900 |

Height difference H




∗1 Indoor unit is higher than outdoor unit.




∗2 Indoor unit is lower than outdoor unit.

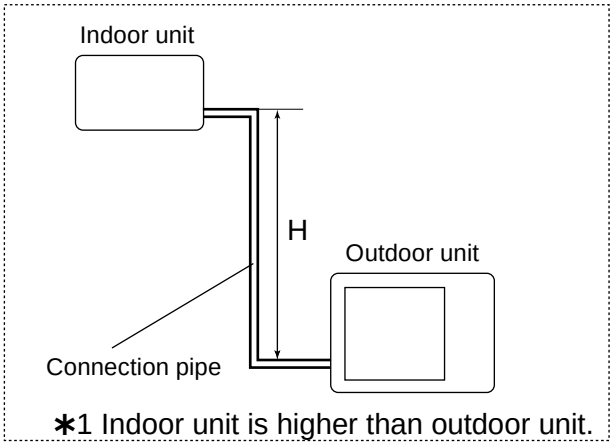
OUTDOOR UNIT
AO∗G14-18L2

# ■ INDOOR UNIT : 12000Btu (AO∗G18L2)

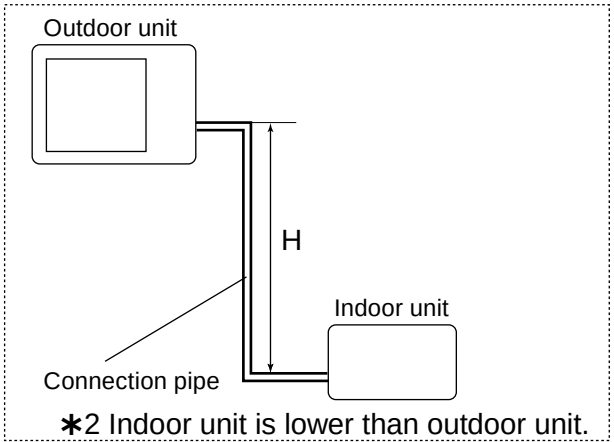
| COOLING | | | Pipe length (m) | | | | |
|---|---|---|---|---|---|---|---|
| | | | 3 | 5 | 10 | 15 | 20 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.919 | 0.883 |
| | | 10 | - | - | 0.962 | 0.926 | 0.891 |
| | | 5 | - | 0.988 | 0.966 | 0.930 | 0.894 |
| | | 3 | 0.992 | 0.992 | 0.970 | 0.934 | 0.898 |
| | | 0 | 1.000 | 1.000 | 0.978 | 0.941 | 0.905 |
| | ∗2 Indoor unit is lower than outdoor unit | -3 | 1.000 | 1.000 | 0.978 | 0.941 | 0.905 |
| | | -5 | - | 1.000 | 0.978 | 0.941 | 0.905 |
| | | -10 | - | - | 0.978 | 0.941 | 0.905 |
| | | -15 | - | - | - | 0.941 | 0.905 |

| HEATING | | | Pipe length (m) | | | | |
|---|---|---|---|---|---|---|---|
| | | | 3 | 5 | 10 | 15 | 20 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.941 | 0.924 |
| | | 10 | - | - | 0.958 | 0.941 | 0.924 |
| | | 5 | - | 1.000 | 0.958 | 0.941 | 0.924 |
| | | 3 | 0.992 | 1.000 | 0.958 | 0.941 | 0.924 |
| | | 0 | 0.992 | 1.000 | 0.958 | 0.941 | 0.924 |
| | ∗2 Indoor unit is lower than outdoor unit | -3 | 0.987 | 0.995 | 0.953 | 0.936 | 0.919 |
| | | -5 | - | 0.993 | 0.951 | 0.934 | 0.918 |
| | | -10 | - | - | 0.948 | 0.932 | 0.915 |
| | | -15 | - | - | - | 0.927 | 0.910 |

Height difference H




∗1 Indoor unit is higher than outdoor unit.




∗2 Indoor unit is lower than outdoor unit.

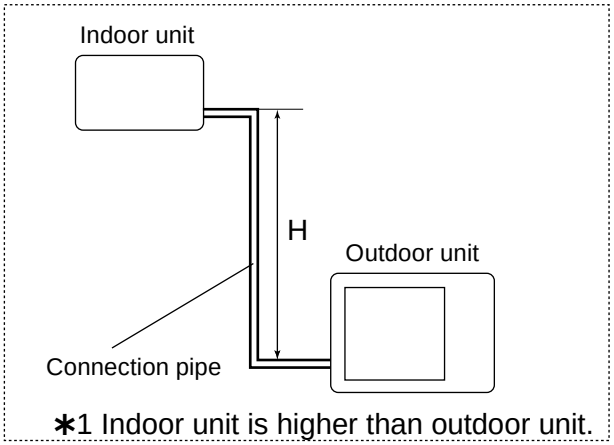
OUTDOOR UNIT
AO∗G14-18L2

# ■ INDOOR UNIT : 14000Btu (AO∗G18L2)

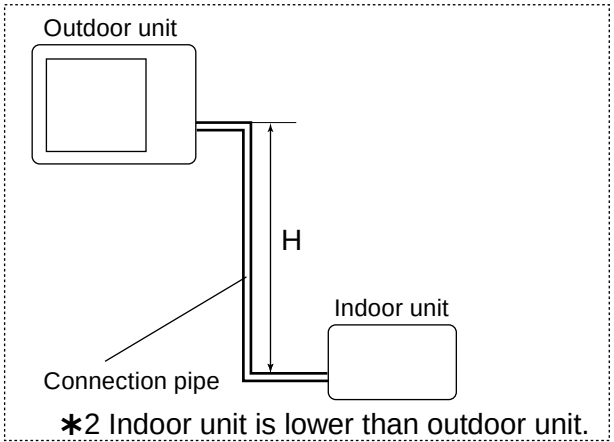
| COOLING | | | Pipe length (m) | | | | |
|---|---|---|---|---|---|---|---|
| | | | 3 | 5 | 10 | 15 | 20 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.947 | 0.927 |
| | | 10 | - | - | 0.974 | 0.955 | 0.935 |
| | | 5 | - | 0.988 | 0.978 | 0.959 | 0.939 |
| | | 3 | 0.992 | 0.992 | 0.982 | 0.963 | 0.942 |
| | | 0 | 1.000 | 1.000 | 0.990 | 0.971 | 0.950 |
| | ∗2 Indoor unit is lower than outdoor unit | -3 | 1.000 | 1.000 | 0.990 | 0.971 | 0.950 |
| | | -5 | - | 1.000 | 0.990 | 0.971 | 0.950 |
| | | -10 | - | - | 0.990 | 0.971 | 0.950 |
| | | -15 | - | - | - | 0.971 | 0.950 |

| HEATING | | | Pipe length (m) | | | | |
|---|---|---|---|---|---|---|---|
| | | | 3 | 5 | 10 | 15 | 20 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.938 | 0.920 |
| | | 10 | - | - | 0.957 | 0.938 | 0.920 |
| | | 5 | - | 1.000 | 0.957 | 0.938 | 0.920 |
| | | 3 | 0.996 | 1.000 | 0.957 | 0.938 | 0.920 |
| | | 0 | 0.996 | 1.000 | 0.957 | 0.938 | 0.920 |
| | ∗2 Indoor unit is lower than outdoor unit | -3 | 0.991 | 0.995 | 0.952 | 0.933 | 0.915 |
| | | -5 | - | 0.993 | 0.950 | 0.931 | 0.914 |
| | | -10 | - | - | 0.947 | 0.929 | 0.911 |
| | | -15 | - | - | - | 0.924 | 0.906 |

Height difference H




∗1 Indoor unit is higher than outdoor unit.




∗2 Indoor unit is lower than outdoor unit.

# 7. ADDITIONAL CHARGE CALCULATION

## ■ MODEL: AO∗G14L2

| | | |
|---|---|---|
| Refrigerant type | | R410A |
| Refrigerant amount | g | 1250 |

### ● Refrigerant charge

| | | | | |
|---|---|---|---|---|
| Total pipe length | m | 20 or less | 30 (MAX.) | 10 g/m |
| Additional charge | g | 0 | 100 | |

## ■ MODEL: AO∗G18L2

| | | |
|---|---|---|
| Refrigerant type | | R410A |
| Refrigerant amount | g | 1300 |

### ● Refrigerant charge

| | | | | |
|---|---|---|---|---|
| Total pipe length | m | 20 or less | 30 (MAX.) | 20 g/m |
| Additional charge | g | 0 | 200 | |

OUTDOOR UNIT
AO∗G14-18L2

# 8. AIR FLOW

## ■MODEL: AO∗G14L2

### ●Cooling

| Number of rotations (r.p.m.) | Air flow | |
|---|---|---|
| 820 | $m^3/h$ | 1850 |
| | l/s | 514 |
| | CFM | 1089 |

### ●Heating

| Number of rotations (r.p.m.) | Air flow | |
|---|---|---|
| 820 | $m^3/h$ | 1850 |
| | l/s | 514 |
| | CFM | 1089 |

## ■MODEL: AO∗G18L2

### ●Cooling

| Number of rotations (r.p.m.) | Air flow | |
|---|---|---|
| 900 | $m^3/h$ | 2050 |
| | l/s | 569 |
| | CFM | 1206 |

### ●Heating

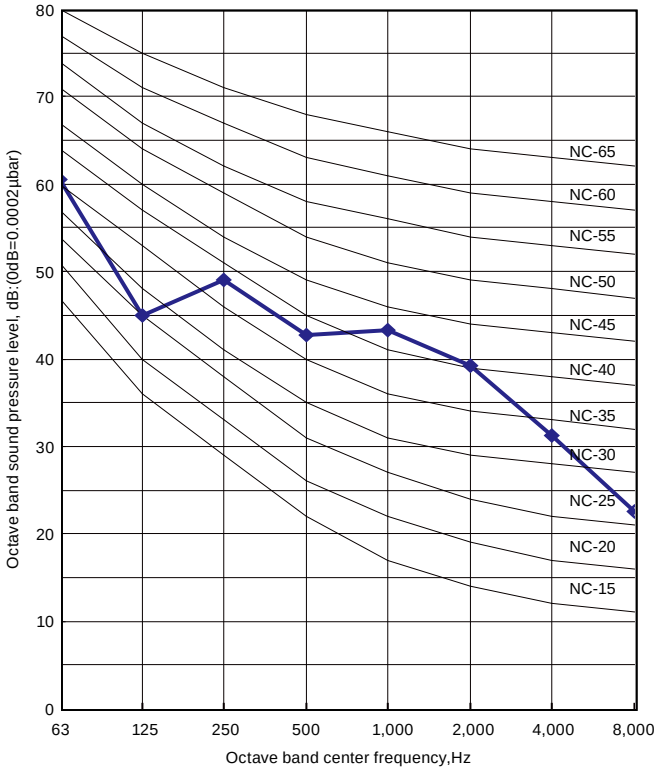
| Number of rotations (r.p.m.) | Air flow | |
|---|---|---|
| 900 | $m^3/h$ | 2050 |
| | l/s | 569 |
| | CFM | 1206 |

# 9. OPERATION NOISE (SOUND PRESSURE)

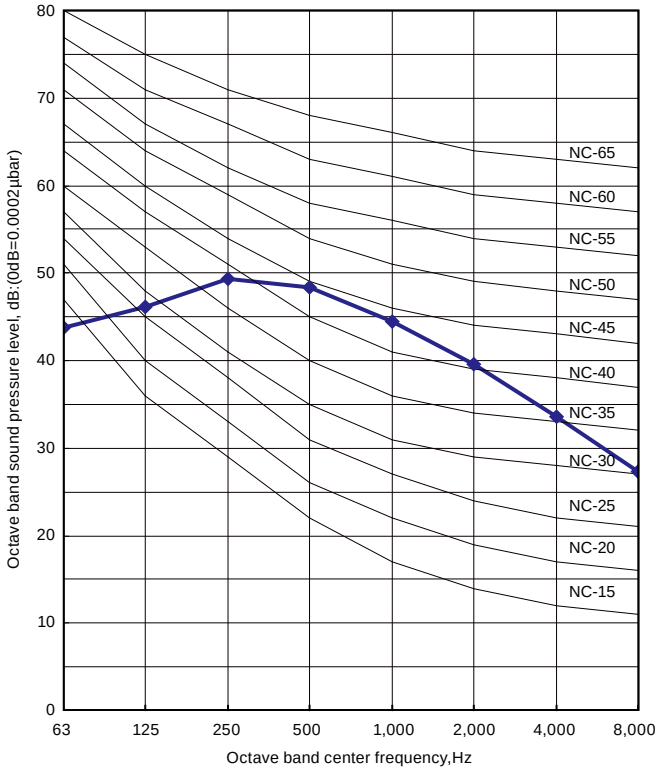
## 9-1. NOISE LEVEL CURVE

### ■ MODEL: AO∗G14L2

#### ● Cooling

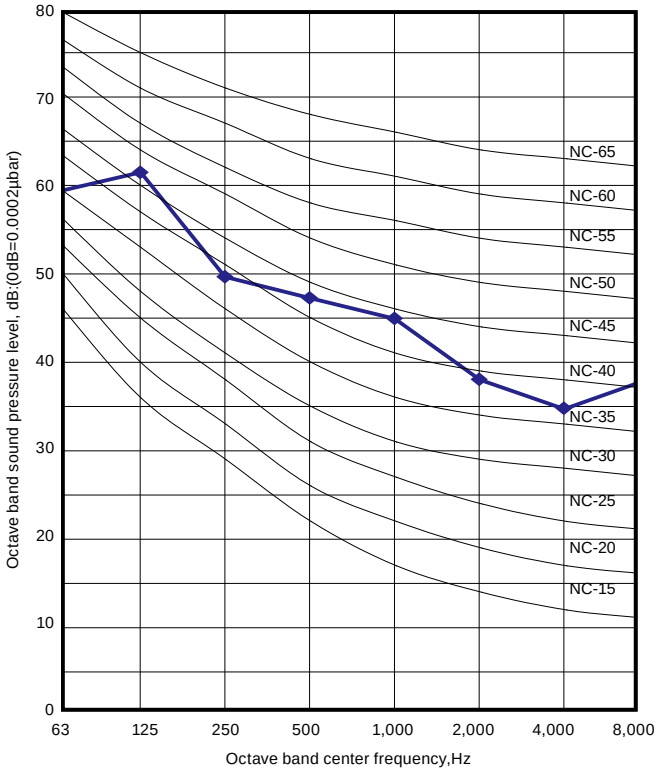



#### ● Heating

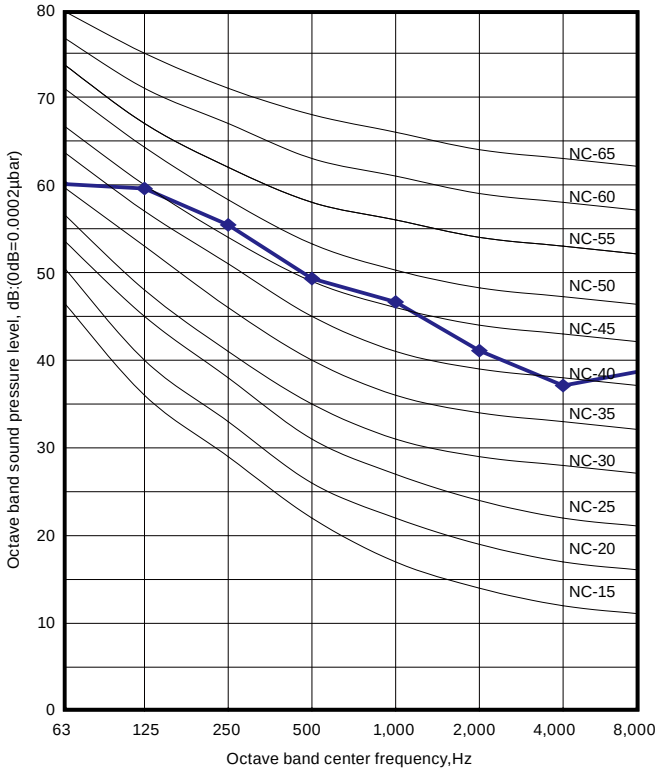



### ■ MODEL: AO∗G18L2

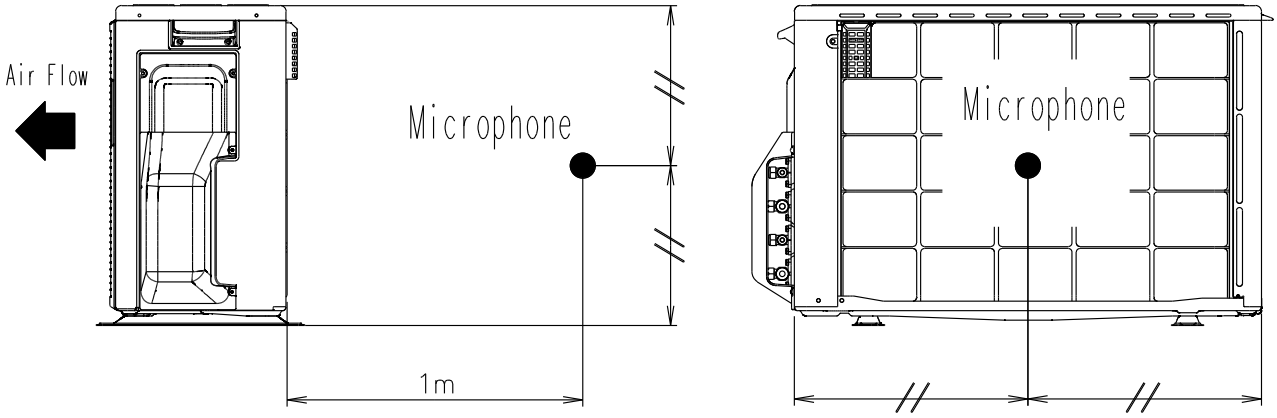
#### ● Cooling




#### ● Heating



# 9-2. SOUND LEVEL CHECK POINT




OUTDOOR UNIT
AO∗G14-18L2

# 10. ELECTRIC CHARACTERISTICS

| Model name | | | AO∗G14L2 | AO∗G18L2 |
|---|---|---|---|---|
| Power supply | Voltage | V | 230 ~ | |
| | Frequency | Hz | 50 | |
| Max. operating current | | A | 10 | 12 |
| Starting current | | A | 4.9 | 6.3 |
| *1) Wiring spec. | Main fuse (Circuit breaker) current | A | 15 | |
| | Power cable | $mm^2$ | 2.5 | |
| | *2) Limited wiring length | m | 16 | |

*1) Wiring spec.
Selected sample
(Selected based on Japan Electrotechnical Standard and Codes Committee E0005)

*2) Limited wiring length :
This is the wiring length in case voltage descent is less than 2%.
When the wiring length becomes long, please select the wiring of a more larger diameter.

OUTDOOR UNIT
AO∗G14-18L2

# 11. SAFETY DEVICES

| | Protection form | Model | |
|---|---|---|---|
| | | AO∗G14L2 | AO∗G18L2 |
| Circuit protection | Current fuse (MAIN PCB) | 15A 250V | |
| | | 10A 250V | |
| | | 3.15A 250V | |
| | Current fuse (NEAR THE TERMINAL) | 20A 250V | |
| Fan motor protection | Thermal protector | OFF :$100^{+15}_{-10}$°C<br>ON : $95^{+15}_{-10}$°C | |
| Compressor protection | Thermal protection program (DISCHARGE TEMP.) | OFF : 110°C<br>ON : 80°C | |
| | Thermal protection program (Compressor bottom TEMP.) | — | OFF : 110°C<br>ON : 80°C |
| Refrigerant circuit protection | Thermal protection program (HEAT EXCHANGER TEMP.) | OFF : 67°C<br>ON : 59°C | |

OUTDOOR UNIT
AO∗G14-18L2

# 12. INSTALLATION PRECAUTIONS

# 12-1. OUTDOOR UNIT INSTALLATION PRECAUTIONS

Note: The information listed below are general precautions.
Some models also include items that do not apply.

## ■ PLACES WHERE USE PROHIBITED

- Places where there is the danger of combustible gas leakage
- Places where sulfur gas, chlorine gas, acid, alkali, or other matter which effects equipment is generated
- Places not affected by heat radiation from other heat sources
- Places where the air is not stagnant
- Places where machinery which generates high frequencies is used
- Ocean beaches and other areas where there is a lot of salt
- Installation in vehicles, ships, and other conveyances
- Factory, etc. where voltage fluctuations are large

## ■ POINTS TO REMEMBER WHEN INSTALLING

(1) The set shall be installed at a place which can withstand the weight and vibration of the outdoor unit

(2) To allow maintenance after refrigerant piping, drain piping, and electric wiring connection and installation, provide an installation service space.

*Installation service space is shown on " INSTALLATION PLACE ".

(3) Be careful when installing the set at the following places.

**[Installation precautions]**

| | Contents | Countermeasures (Reference) |
|---|---|---|
| When installed near adjacent houses | Perform installation work so that operating sound does not disturb the neighbors. | (1) Install a soundproof barrier<br>(2) Change the installation site |
| When there is the possibility of strong wind | (1) If the outdoor unit is exposed to strong wind, capacity may drop, frost may form during heating, and operation may be stopped by high pressure rise. In addition, when a very strong wind blows, the fan may be damaged.<br>(2) When a very strong wind blows, there is the possibility of the outdoor unit being toppled over if held only by foundation bolts | (1) Install with the outlet side Keep a sufficient distance away from a facing wall or fence.<br>(2) Make the outlet direction and wind direction perpendicular.<br>(3) Fasten the outdoor unit using toppling prevention hardware (procured at the site). |
| When snow accumulates | If the outdoor unit is covered by accumulated snow, it may not be able to operate. | (1) Make the foundation as high as possible.<br>(2) Perform snow prevention work. |
| When installing the inverter type | It may generate noise in TV sets, stereos and PCs. | (1) The inverter type should be installed at a sufficient distance from these equipments. |

# 3. OUTDOOR UNIT (3 ROOMS TYPE)

**MULTI TYPE :**

**AO∗G18LAT3**
**AO∗G24LAT3**

# CONTENTS

## 3. OUTDOOR UNIT (3 ROOMS TYPE)


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OUTDOOR UNIT
AO*G18-24L3

# 1. SPECIFICATIONS

The following performance is a value at standard combinations.

## ■ STANDARD COMBINATION

**AO∗G18LAT3 : AS∗G07LJCA + AS∗G07LJCA + AS∗G07LJCA**
**AO∗G24LAT3 : AS∗G07LJCA + AS∗G07LJCA + AS∗G09LJCA**

| Type | | | | | INVERTER MULTI MODELS | |
|---|---|---|---|---|---|---|
| | | | | | HEAT PUMP TYPE | |
| Model name | | | | | AO∗G18LAT3 | AO∗G24LAT3 |
| Power source | | | | | 230V ~ 50Hz | |
| Available voltage range | | | | | 198-264V ~ 50Hz | |
| Capacity | Cooling | Rated | | kW | 5.4 | 6.8 |
| | | | | Btu/h | 18400 | 23200 |
| | | Min. - Max. | | kW | 1.8 - 6.8 | 1.8 - 8.5 |
| | | | | Btu/h | 6100 - 23200 | 6100 - 29000 |
| | Heating | Rated | | kW | 6.8 | 8.0 |
| | | | | Btu/h | 23200 | 27300 |
| | | Min. - Max. | | kW | 2.0 - 8.0 | 2.0 - 9.2 |
| | | | | Btu/h | 6800 - 27300 | 6800 - 31400 |
| Input power | Cooling | Rated | | kW | 1.35 | 1.94 |
| | | Max. | | | 2.06 | 2.60 |
| | Heating | Rated | | | 1.62 | 2.00 |
| | | Max. | | | 2.06 | 2.87 |
| Current | Cooling | Rated | | A | 5.9 | 8.5 |
| | Heating | | | | 7.1 | 8.8 |
| EER | Cooling | Rated | | kW/kW | 4.00 | 3.51 |
| COP | Heating | | | | 4.20 | 4.00 |
| Starting current | | | | A | 7.1 | 8.8 |
| Maximum operating current | | | | A | 9.0 | 12.5 |
| Fan | Airflow rate | Cooling | | $m^3/h$ | 3050 | 3300 |
| | | Heating | | | 2750 | 3300 |
| | Type x Q'ty | | | | Propeller × 1 | |
| | Motor output | | | W | 100 | |
| Sound pressure level | Cooling | | | dB(A) | 46 | 48 |
| | Heating | | | | 47 | 49 |
| Heat exchanger type | Dimension (H × W × D) | | | mm | 672 × 900 × 36.4 | |
| | Fin pitch | | | | 1.45 | |
| | Rows x Stages | | | | 2 × 32 | |
| | Pipe type | | | | Copper tube | |
| | Fin type | | | | Aluminium | |
| Compressor | Type x Q'ty | | | | DC TWIN ROTARY × 1 | |
| | Motor output | | | W | 1100 | |
| Refrigerant | Type (Global Warming Potential) | | | | R410A (1975) | |
| | Charge | | | g | 2200 | |
| Refrigerant oil | Type | | | | POE | |
| Enclosure | Material | | | | Steel sheet | |
| | Colour | | | | BEIGE (Approximate colour of MUNSELL 10YR7.5 / 1.0NN) | |
| Dimensions H ×W ×D | Net | | | mm | 700 × 900 × 330 | |
| | Gross | | | | 835 × 1050 × 445 | |
| Weight | Net | | | kg | 55 | |
| | Gross | | | | 63 | |
| Connection pipe | Size | Liquid | | mm | Ø6.35 (Ø1/4 in.) × 3 | |
| | | Gas | | | Ø9.52 (Ø3/8 in.) × 2, [Ø12.70 (Ø1/2 in.) × 1] *1 | |
| | Method | | | | Flare | |
| | Pre-charge length (Total) | | | m | 30 | |
| | Max. length (Total) | | | | 50 | |
| | Max. length (Each) | | | | 25 | |
| | Min. length (Total) | | | | 15 | |
| | Min. length (Each) | | | | 5 | |
| | Max. height difference between Outdoor Unit and each Indoor Units. | | | | 15 | |
| | Max. height difference between Indoor Units. | | | | 10 | |
| Operation range | Cooling | | | °C | -10 to 46 | |
| | Heating | | | | -15 to 24 | |

∗1: Connect to connection valve by the adapter

Note :

Specifications are based on the following conditions.

Cooling : Indoor temperature of 27°CDB / 19°CWB.and outdoor temperature of 35°CDB / 24°CWB.

Heating : Indoor temperature of 20°CDB / 15°CWB.and outdoor temperature of 7°CDB / 6°CWB.

Pipe length : 5m, Height difference : 0m. (Outdoor unit - indoor unit)

The protective function might work when using it outside the operation range.

| Model name | | | | AO∗G18LAT3 | AO∗G24LAT3 |
|---|---|---|---|---|---|
| Energy efficiency class | Cooling | | | A++ | A++ |
| | Heating (Average) | | | A+ | A+ |
| Pdesign | Cooling | | kW | 5.4 (35˚C) | 6.8 (35˚C) |
| | Heating (Average) | | | 5.0 (-10˚C) | 5.2 (-10˚C) |
| SEER | Cooling | | kWh/kWh | 6.90 | 6.40 |
| SCOP | Heating (Average) | | | 4.30 | 4.20 |
| Annual energy consumption | QCE | | kWh/a | 274 | 372 |
| | QHE (Average) | | | 1627 | 1730 |
| Sound power level | Cooling | High | dB (A) | 65 | 68 |
| | Heating | | | 67 | 70 |

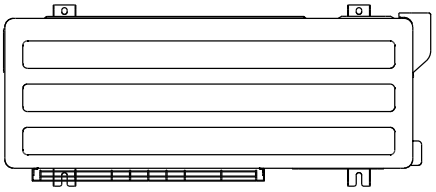


OUTDOOR UNIT
AO∗G18-24L3

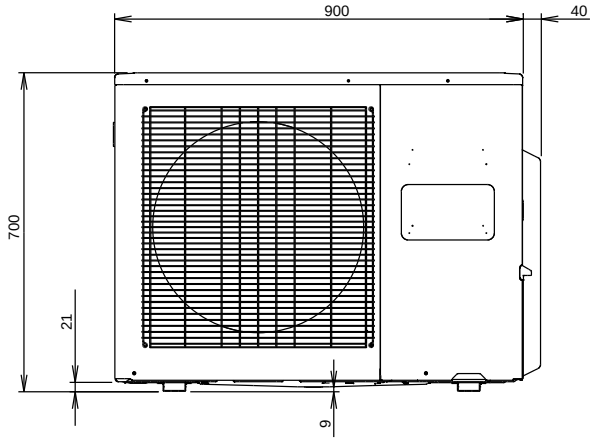
# 2. DIMENSIONS

## ■ MODEL: AO∗G18L3, AO∗G24L3

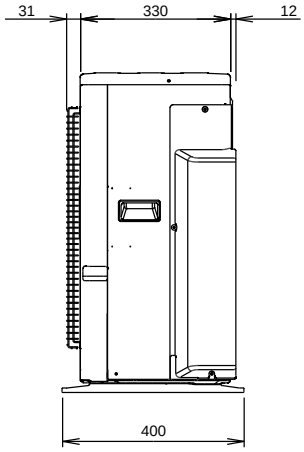
(Unit : mm)



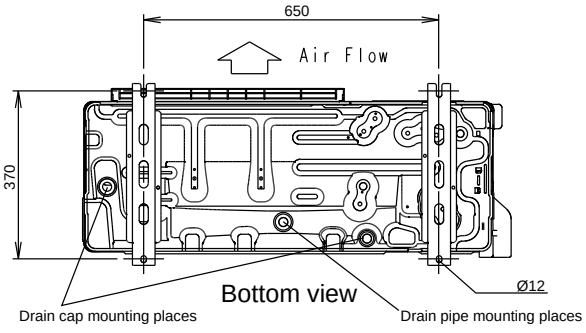
Top view



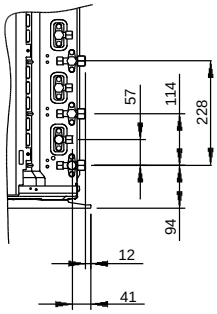

Front view




Side view

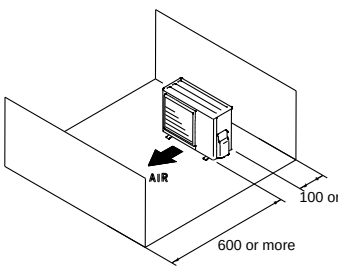



Bottom view

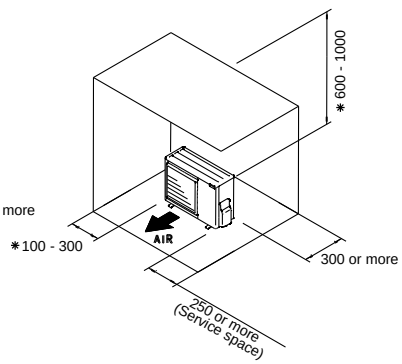



## ■ INSTALLATION PLACE

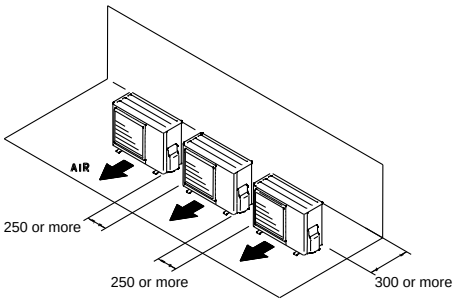
When there are obstacles at the back or front sides.




When there are obstacles at the back, side(s), and top.



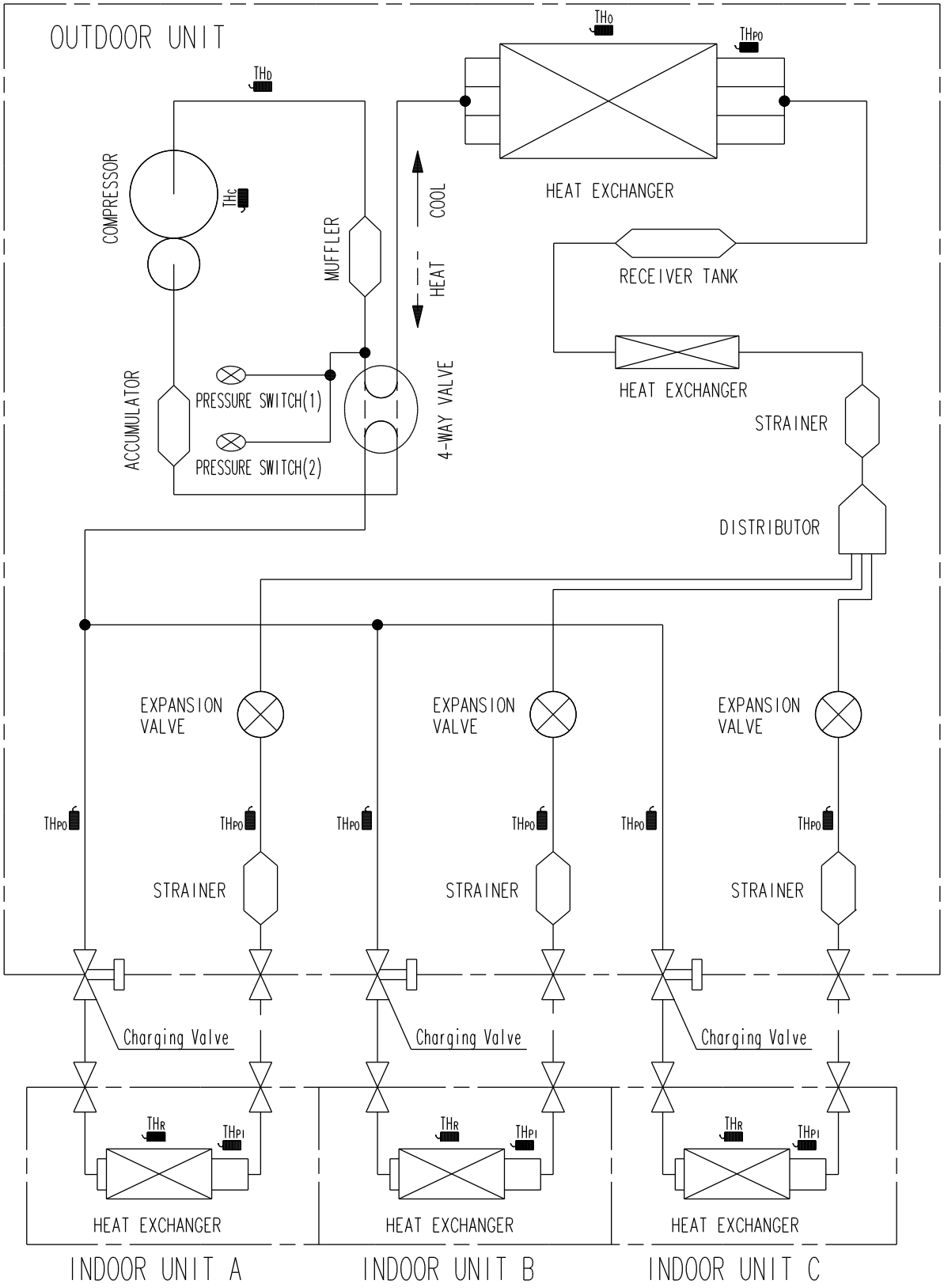

When there are obstacles at the back, side with the installation of more than one unit.




∗If the space is larger that is stated, the condition will be the same as that are no obstacles.

# 3. REFRIGERANT CIRCUIT

## ■ MODEL: AO∗G18L3, AO∗G24L3



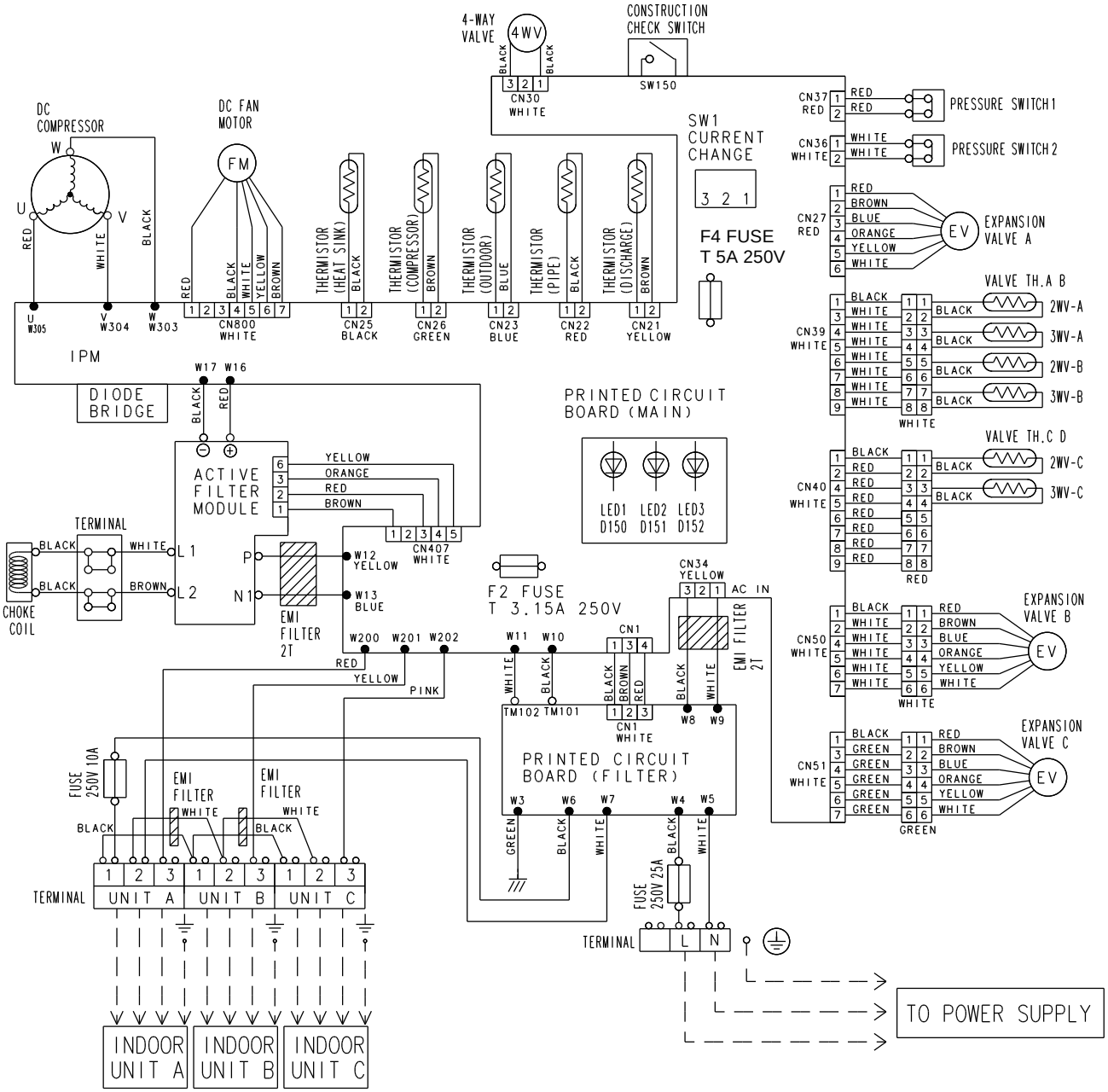

THD : THERMISTOR(DISCHARGE TEMP.)
THO : THERMISTOR(OUTDOOR TEMP.)
THPO : THERMISTOR(PIPE TEMP.)
THC : THERMISTOR(COMPRESSOR TEMP.)

THR : THERMISTOR(ROOM TEMP.)
THPI : THERMISTOR(PIPE TEMP.)

OUTDOOR UNIT
AO∗G18-24L3

# 4. WIRING DIAGRAMS

## ■ MODEL: AO*G18L3, AO*G24L3




OUTDOOR UNIT
AO*G18-24L3

# 5. CAPACITY TABLE

## 5-1. COMBINATIONS

### ■ MODEL: AO∗G18L3

#### ● Cooling

| | Combination of indoor unit | | | COOLING OPERATION | | | | | | Seasonal Data | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Cooling Capacity | | | | Input Power (min-max) | EER | | | |
| | | | | Room 1 | Room 2 | Room 3 | Total Capacity (min-max) | | | Pdesign | SEER | Energy Efficiency Class |
| | | | | KW | KW | KW | KW | KW | | kW | | |
| 2 Room | 7 | 7 | - | 2.30 | 2.30 | - | 4.60 ( 1.8 - 5.0 ) | 1.22 ( 0.50 - 1.43 ) | 3.77 | 4.6 | 6.3 | A++ |
| | 7 | 9 | - | 2.30 | 2.70 | - | 5.00 ( 1.8 - 5.7 ) | 1.35 ( 0.50 - 1.81 ) | 3.70 | 5.0 | 6.2 | A++ |
| | 7 | 12 | - | 1.98 | 3.02 | - | 5.00 ( 1.8 - 6.1 ) | 1.34 ( 0.50 - 2.06 ) | 3.73 | 5.0 | 6.2 | A++ |
| | 7 | 14 | - | 1.88 | 3.42 | - | 5.30 ( 1.8 - 6.6 ) | 1.34 ( 0.50 - 2.06 ) | 3.96 | 5.3 | 6.1 | A++ |
| | 9 | 9 | - | 2.50 | 2.50 | - | 5.00 ( 1.8 - 6.2 ) | 1.35 ( 0.50 - 2.06 ) | 3.70 | 5.0 | 6.2 | A++ |
| | 9 | 12 | - | 2.18 | 2.82 | - | 5.00 ( 1.8 - 6.3 ) | 1.35 ( 0.50 - 2.06 ) | 3.70 | 5.0 | 6.2 | A++ |
| | 9 | 14 | - | 2.07 | 3.23 | - | 5.30 ( 1.8 - 6.7 ) | 1.35 ( 0.50 - 2.06 ) | 3.93 | 5.3 | 6.1 | A++ |
| | 12 | 12 | - | 2.55 | 2.55 | - | 5.10 ( 1.8 - 6.3 ) | 1.35 ( 0.50 - 2.06 ) | 3.78 | 5.1 | 6.1 | A++ |
| | 12 | 14 | - | 2.41 | 2.89 | - | 5.30 ( 1.8 - 6.7 ) | 1.35 ( 0.50 - 2.06 ) | 3.93 | 5.3 | 6.1 | A++ |
| 3 Room | 7 | 7 | 7 | 1.80 | 1.80 | 1.80 | 5.40 ( 1.8 - 6.8 ) | 1.35 ( 0.50 - 2.06 ) | 4.00 | 5.4 | 6.9 | A++ |
| | 7 | 7 | 9 | 1.70 | 1.70 | 2.00 | 5.40 ( 1.8 - 6.8 ) | 1.35 ( 0.50 - 2.06 ) | 4.00 | 5.4 | 6.9 | A++ |
| | 7 | 7 | 12 | 1.53 | 1.53 | 2.33 | 5.40 ( 1.8 - 6.8 ) | 1.35 ( 0.50 - 2.06 ) | 4.00 | 5.4 | 6.7 | A++ |
| | 7 | 7 | 14 | 1.41 | 1.41 | 2.58 | 5.40 ( 2.0 - 6.8 ) | 1.35 ( 0.60 - 2.06 ) | 4.00 | 5.4 | 6.7 | A++ |
| | 7 | 9 | 9 | 1.61 | 1.89 | 1.89 | 5.40 ( 1.8 - 6.8 ) | 1.35 ( 0.50 - 2.06 ) | 4.00 | 5.4 | 6.8 | A++ |
| | 7 | 9 | 12 | 1.46 | 1.72 | 2.22 | 5.40 ( 1.8 - 6.8 ) | 1.35 ( 0.50 - 2.06 ) | 4.00 | 5.4 | 6.7 | A++ |
| | 7 | 9 | 14 | 1.35 | 1.58 | 2.47 | 5.40 ( 2.0 - 6.8 ) | 1.35 ( 0.60 - 2.06 ) | 4.00 | 5.4 | 6.7 | A++ |
| | 9 | 9 | 9 | 1.80 | 1.80 | 1.80 | 5.40 ( 1.8 - 6.8 ) | 1.35 ( 0.50 - 2.06 ) | 4.00 | 5.4 | 6.8 | A++ |
| | 9 | 9 | 12 | 1.64 | 1.64 | 2.12 | 5.40 ( 1.8 - 6.8 ) | 1.35 ( 0.50 - 2.06 ) | 4.00 | 5.4 | 6.7 | A++ |

#### ● Heating

| | Combination of indoor unit | | | HEATING OPERATION | | | | | | Seasonal Data | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Heating Capacity | | | | Input Power (min-max) | COP | | | |
| | | | | Room 1 | Room 2 | Room 3 | Total Capacity (min-max) | | | Pdesign | SCOP | Energy Efficiency Class |
| | | | | KW | KW | KW | KW | KW | | kW | | |
| 2 Room | 7 | 7 | - | 2.70 | 2.70 | - | 5.40 ( 2.0 - 6.1 ) | 1.59 ( 0.52 - 1.93 ) | 3.40 | 4.0 | 4.1 | A+ |
| | 7 | 9 | - | 2.75 | 3.25 | - | 6.00 ( 2.0 - 6.4 ) | 1.87 ( 0.52 - 2.06 ) | 3.21 | 4.0 | 4.1 | A+ |
| | 7 | 12 | - | 2.59 | 3.71 | - | 6.30 ( 2.0 - 6.5 ) | 1.98 ( 0.52 - 2.06 ) | 3.18 | 4.0 | 4.1 | A+ |
| | 7 | 14 | - | 2.51 | 4.29 | - | 6.80 ( 2.0 - 7.1 ) | 1.92 ( 0.50 - 2.06 ) | 3.54 | 4.0 | 4.1 | A+ |
| | 9 | 9 | - | 3.15 | 3.15 | - | 6.30 ( 2.0 - 6.5 ) | 1.98 ( 0.52 - 2.06 ) | 3.18 | 4.0 | 4.1 | A+ |
| | 9 | 12 | - | 2.89 | 3.51 | - | 6.40 ( 2.0 - 6.6 ) | 1.99 ( 0.52 - 2.06 ) | 3.22 | 4.0 | 4.1 | A+ |
| | 9 | 14 | - | 2.77 | 4.03 | - | 6.80 ( 2.0 - 7.2 ) | 1.91 ( 0.50 - 2.06 ) | 3.56 | 4.0 | 4.1 | A+ |
| | 12 | 12 | - | 3.20 | 3.20 | - | 6.40 ( 2.0 - 6.6 ) | 1.98 ( 0.52 - 2.06 ) | 3.23 | 4.0 | 4.1 | A+ |
| | 12 | 14 | - | 3.09 | 3.71 | - | 6.80 ( 2.0 - 7.3 ) | 1.90 ( 0.50 - 2.06 ) | 3.58 | 4.0 | 4.1 | A+ |
| 3 Room | 7 | 7 | 7 | 2.27 | 2.27 | 2.27 | 6.80 ( 2.0 - 7.7 ) | 1.62 ( 0.50 - 2.06 ) | 4.20 | 5.0 | 4.3 | A+ |
| | 7 | 7 | 9 | 2.14 | 2.14 | 2.52 | 6.80 ( 2.0 - 7.8 ) | 1.62 ( 0.50 - 2.06 ) | 4.20 | 5.0 | 4.3 | A+ |
| | 7 | 7 | 12 | 1.98 | 1.98 | 2.83 | 6.80 ( 2.0 - 7.8 ) | 1.59 ( 0.50 - 2.06 ) | 4.28 | 5.0 | 4.3 | A+ |
| | 7 | 7 | 14 | 1.83 | 1.83 | 3.14 | 6.80 ( 2.0 - 8.0 ) | 1.61 ( 0.50 - 2.06 ) | 4.22 | 5.0 | 4.3 | A+ |
| | 7 | 9 | 9 | 2.03 | 2.39 | 2.39 | 6.80 ( 2.0 - 7.8 ) | 1.60 ( 0.50 - 2.06 ) | 4.25 | 5.0 | 4.3 | A+ |
| | 7 | 9 | 12 | 1.89 | 2.22 | 2.69 | 6.80 ( 2.0 - 7.9 ) | 1.59 ( 0.50 - 2.06 ) | 4.28 | 5.0 | 4.3 | A+ |
| | 7 | 9 | 14 | 1.75 | 2.06 | 2.99 | 6.80 ( 2.0 - 8.0 ) | 1.60 ( 0.50 - 2.06 ) | 4.25 | 5.0 | 4.3 | A+ |
| | 9 | 9 | 9 | 2.27 | 2.27 | 2.27 | 6.80 ( 2.0 - 7.9 ) | 1.59 ( 0.50 - 2.06 ) | 4.28 | 5.0 | 4.3 | A+ |
| | 9 | 9 | 12 | 2.12 | 2.12 | 2.57 | 6.80 ( 2.0 - 7.9 ) | 1.59 ( 0.50 - 2.06 ) | 4.28 | 5.0 | 4.3 | A+ |

Notes:
- 7: 7000Btu/h, 9: 9000Btu/h, 12: 12000Btu/h ,14:14000Btu/h models.
- The above is the value for connecting with Wall Mounted type.
- 2 or more indoor units should be connected.
- Cooling capacity is based on 27 °CDB / 19 °CWB (indoor temperature), 35 °CDB (outdoor temperature).
- Heating capacity is based on 20 °CDB (indoor temperature), 7 °CDB / 6 °CWB (outdoor temperature).
- Pipe length : 5m, Height difference : 0m. (Outdoor unit to indoor unit)
- The total ability of connected a indoor unit is up to 30000 Btu from 14000 Btu.

# ■MODEL: AO∗G24L3

## ●Cooling

| | Combination of indoor unit | | | COOLING OPERATION | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Cooling Capacity | | | | Input Power (min-max) | EER | Seasonal Data | | |
| | | | | Room 1 | Room 2 | Room 3 | Total Capacity (min-max) | | | Pdesign | SEER | Energy Efficiency Class |
| | | | | KW | KW | KW | KW | KW | | kW | | |
| 2 Room | 7 | 7 | - | 2.30 | 2.30 | - | 4.60 ( 1.8 - 5.0 ) | 1.20 ( 0.50 - 1.40 ) | 3.83 | 4.6 | 6.3 | A++ |
| | 7 | 9 | - | 2.30 | 2.70 | - | 5.00 ( 1.8 - 5.7 ) | 1.36 ( 0.50 - 1.78 ) | 3.68 | 5.0 | 6.2 | A++ |
| | 7 | 12 | - | 2.38 | 3.42 | - | 5.80 ( 1.8 - 6.1 ) | 1.70 ( 0.50 - 1.97 ) | 3.41 | 5.8 | 6.1 | A++ |
| | 7 | 14 | - | 2.37 | 4.13 | - | 6.50 ( 1.8 - 7.2 ) | 1.91 ( 0.50 - 2.46 ) | 3.40 | 6.5 | 6.0 | A+ |
| | 7 | 18 | - | 2.08 | 4.52 | - | 6.60 ( 1.8 - 7.8 ) | 1.91 ( 0.50 - 2.87 ) | 3.46 | 6.6 | 5.9 | A+ |
| | 9 | 9 | - | 2.75 | 2.75 | - | 5.50 ( 1.8 - 6.2 ) | 1.55 ( 0.50 - 2.02 ) | 3.55 | 5.5 | 6.1 | A++ |
| | 9 | 12 | - | 2.79 | 3.41 | - | 6.20 ( 1.8 - 6.8 ) | 1.90 ( 0.50 - 2.45 ) | 3.26 | 6.2 | 5.9 | A+ |
| | 9 | 14 | - | 2.66 | 3.94 | - | 6.60 ( 1.8 - 7.7 ) | 1.91 ( 0.50 - 2.77 ) | 3.46 | 6.6 | 6.0 | A+ |
| | 9 | 18 | - | 2.35 | 4.35 | - | 6.70 ( 1.8 - 7.9 ) | 1.91 ( 0.50 - 2.87 ) | 3.51 | 6.7 | 5.9 | A+ |
| | 12 | 12 | - | 3.15 | 3.15 | - | 6.30 ( 1.8 - 7.2 ) | 1.90 ( 0.50 - 2.74 ) | 3.32 | 6.3 | 5.9 | A+ |
| | 12 | 14 | - | 3.03 | 3.67 | - | 6.70 ( 1.8 - 7.8 ) | 1.91 ( 0.50 - 2.87 ) | 3.51 | 6.7 | 5.9 | A+ |
| | 12 | 18 | - | 2.66 | 4.04 | - | 6.70 ( 1.8 - 7.9 ) | 1.92 ( 0.50 - 2.87 ) | 3.49 | 6.7 | 5.8 | A+ |
| 3 Room | 7 | 7 | 7 | 2.23 | 2.23 | 2.23 | 6.70 ( 1.8 - 7.4 ) | 1.89 ( 0.50 - 2.37 ) | 3.54 | 6.7 | 6.4 | A++ |
| | 7 | 7 | 9 | 2.14 | 2.14 | 2.52 | 6.80 ( 1.8 - 7.8 ) | 1.94 ( 0.60 - 2.87 ) | 3.51 | 6.8 | 6.4 | A++ |
| | 7 | 7 | 12 | 1.98 | 1.98 | 2.84 | 6.80 ( 1.8 - 8.1 ) | 1.93 ( 0.50 - 2.87 ) | 3.52 | 6.8 | 6.3 | A++ |
| | 7 | 7 | 14 | 1.82 | 1.82 | 3.16 | 6.80 ( 2.0 - 8.4 ) | 1.94 ( 0.60 - 2.87 ) | 3.51 | 6.8 | 6.2 | A++ |
| | 7 | 7 | 18 | 1.63 | 1.63 | 3.54 | 6.80 ( 2.0 - 8.5 ) | 1.94 ( 0.60 - 2.87 ) | 3.51 | 6.8 | 6.1 | A++ |
| | 7 | 9 | 9 | 2.03 | 2.38 | 2.38 | 6.80 ( 1.8 - 8.2 ) | 1.93 ( 0.50 - 2.87 ) | 3.52 | 6.8 | 6.4 | A++ |
| | 7 | 9 | 12 | 1.88 | 2.21 | 2.70 | 6.80 ( 1.8 - 8.2 ) | 1.93 ( 0.50 - 2.87 ) | 3.52 | 6.8 | 6.2 | A++ |
| | 7 | 9 | 14 | 1.74 | 2.04 | 3.02 | 6.80 ( 2.0 - 8.4 ) | 1.94 ( 0.60 - 2.87 ) | 3.51 | 6.8 | 6.2 | A++ |
| | 7 | 9 | 18 | 1.56 | 1.84 | 3.40 | 6.80 ( 2.0 - 8.5 ) | 1.94 ( 0.60 - 2.87 ) | 3.51 | 6.8 | 6.1 | A++ |
| | 7 | 12 | 12 | 1.76 | 2.52 | 2.52 | 6.80 ( 1.8 - 8.2 ) | 1.94 ( 0.50 - 2.87 ) | 3.51 | 6.8 | 6.2 | A++ |
| | 7 | 12 | 14 | 1.63 | 2.34 | 2.83 | 6.80 ( 2.0 - 8.5 ) | 1.94 ( 0.60 - 2.87 ) | 3.51 | 6.8 | 6.2 | A++ |
| | 9 | 9 | 9 | 2.27 | 2.27 | 2.27 | 6.80 ( 1.8 - 8.2 ) | 1.94 ( 0.50 - 2.87 ) | 3.51 | 6.8 | 6.4 | A++ |
| | 9 | 9 | 12 | 2.11 | 2.11 | 2.58 | 6.80 ( 1.8 - 8.3 ) | 1.94 ( 0.50 - 2.87 ) | 3.51 | 6.8 | 6.2 | A++ |
| | 9 | 9 | 14 | 1.95 | 1.95 | 2.89 | 6.80 ( 2.0 - 8.5 ) | 1.94 ( 0.60 - 2.87 ) | 3.51 | 6.8 | 6.2 | A++ |
| | 9 | 9 | 18*1 | 1.77 | 1.77 | 3.27 | 6.80 ( 2.0 - 8.5 ) | 1.94 ( 0.60 - 2.87 ) | 3.51 | 6.8 | 6.1 | A++ |
| | 9 | 12 | 12 | 1.97 | 2.41 | 2.41 | 6.80 ( 1.8 - 8.3 ) | 1.94 ( 0.50 - 2.87 ) | 3.51 | 6.8 | 6.2 | A++ |
| | 9 | 12 | 14 | 1.84 | 2.24 | 2.72 | 6.80 ( 2.0 - 8.5 ) | 1.94 ( 0.60 - 2.87 ) | 3.51 | 6.8 | 6.2 | A++ |
| | 12 | 12 | 12 | 2.27 | 2.27 | 2.27 | 6.80 ( 1.8 - 8.3 ) | 1.94 ( 0.50 - 2.87 ) | 3.51 | 6.8 | 6.1 | A++ |

Notes:
- 7: 7000Btu/h, 9: 9000Btu/h, 12: 12000Btu/h ,14:14000Btu/h ,18:18000Btu/h models.
- The above is the value for connecting with Wall Mounted type.
- 2 or more indoor units should be connected.
- Cooling capacity is based on 27 °CDB / 19 °CWB (indoor temperature), 35 °CDB (outdoor temperature).
- Pipe length : 5m, Height difference : 0m. (Outdoor unit to indoor unit)
- The total ability of connected a indoor unit is up to 36000 Btu from 14000 Btu.

∗1: When "AS∗G18L" is connected, connect at least 1 wall mounted type of 9000Btu.

OUTDOOR UNIT
AO∗G18-24L3

## ● Heating

| | Combination of indoor unit | | | HEATING OPERATION | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Heating Capacity | | | | Input Power (min-max) | COP | Seasonal Data | | |
| | | | | Room 1 | Room 2 | Room 3 | Total Capacity (min-max) | | | Pdesign | SCOP | Energy Efficiency Class |
| | | | | KW | KW | KW | KW | KW | | kW | | |
| 2 Room | 7 | 7 | - | 2.75 | 2.75 | - | 5.50 ( 2.0 - 6.1 ) | 1.55 ( 0.52 - 1.93 ) | 3.55 | 4.0 | 4.1 | A+ |
| | 7 | 9 | - | 2.80 | 3.30 | - | 6.10 ( 2.0 - 7.0 ) | 1.82 ( 0.52 - 2.52 ) | 3.35 | 4.0 | 4.1 | A+ |
| | 7 | 12 | - | 2.88 | 4.12 | - | 7.00 ( 2.0 - 7.3 ) | 2.31 ( 0.52 - 2.66 ) | 3.03 | 4.0 | 4.1 | A+ |
| | 7 | 14 | - | 2.80 | 4.80 | - | 7.60 ( 2.0 - 8.3 ) | 2.28 ( 0.50 - 2.87 ) | 3.33 | 4.0 | 4.1 | A+ |
| | 7 | 18 | - | 2.51 | 5.39 | - | 7.90 ( 2.0 - 8.3 ) | 2.34 ( 0.50 - 2.87 ) | 3.38 | 4.0 | 4.1 | A+ |
| | 9 | 9 | - | 3.30 | 3.30 | - | 6.60 ( 2.0 - 7.4 ) | 2.04 ( 0.52 - 2.68 ) | 3.24 | 4.0 | 4.1 | A+ |
| | 9 | 12 | - | 3.30 | 4.00 | - | 7.30 ( 2.0 - 7.7 ) | 2.43 ( 0.52 - 2.87 ) | 3.00 | 4.0 | 4.1 | A+ |
| | 9 | 14 | - | 3.22 | 4.68 | - | 7.90 ( 2.0 - 8.3 ) | 2.38 ( 0.50 - 2.87 ) | 3.32 | 4.0 | 4.1 | A+ |
| | 9 | 18 | - | 2.84 | 5.16 | - | 8.00 ( 2.0 - 8.5 ) | 2.32 ( 0.50 - 2.87 ) | 3.45 | 4.0 | 4.1 | A+ |
| | 12 | 12 | - | 3.80 | 3.80 | - | 7.60 ( 2.0 - 7.8 ) | 2.54 ( 0.52 - 2.87 ) | 2.99 | 4.0 | 4.1 | A+ |
| | 12 | 14 | - | 3.59 | 4.31 | - | 7.90 ( 2.0 - 8.4 ) | 2.37 ( 0.50 - 2.87 ) | 3.33 | 4.0 | 4.1 | A+ |
| | 12 | 18 | - | 3.20 | 4.80 | - | 8.00 ( 2.0 - 8.6 ) | 2.31 ( 0.50 - 2.87 ) | 3.46 | 4.0 | 4.1 | A+ |
| 3 Room | 7 | 7 | 7 | 2.60 | 2.60 | 2.60 | 7.80 ( 2.0 - 8.6 ) | 1.94 ( 0.50 - 2.68 ) | 4.02 | 5.0 | 4.3 | A+ |
| | 7 | 7 | 9 | 2.52 | 2.52 | 2.96 | 8.00 ( 2.0 - 8.8 ) | 2.00( 0.50 - 2.87 ) | 4.00 | 5.2 | 4.2 | A+ |
| | 7 | 7 | 12 | 2.34 | 2.34 | 3.32 | 8.00 ( 2.0 - 8.9 ) | 1.99 ( 0.50 - 2.80 ) | 4.02 | 5.2 | 4.2 | A+ |
| | 7 | 7 | 14 | 2.16 | 2.16 | 3.68 | 8.00 ( 2.0 - 9.2 ) | 1.91 ( 0.50 - 2.72 ) | 4.19 | 5.2 | 4.2 | A+ |
| | 7 | 7 | 18 | 1.94 | 1.94 | 4.12 | 8.00 ( 2.0 - 9.2 ) | 1.89 ( 0.50 - 2.70 ) | 4.23 | 5.2 | 4.2 | A+ |
| | 7 | 9 | 9 | 2.38 | 2.81 | 2.81 | 8.00( 2.0 - 9.0 ) | 1.99 ( 0.50 - 2.87 ) | 4.02 | 5.2 | 4.2 | A+ |
| | 7 | 9 | 12 | 2.23 | 2.62 | 3.15 | 8.00 ( 2.0 - 9.1 ) | 1.98 ( 0.50 - 2.87 ) | 4.04 | 5.2 | 4.2 | A+ |
| | 7 | 9 | 14 | 2.06 | 2.42 | 3.52 | 8.00 ( 2.0 - 9.2 ) | 1.91 ( 0.50 - 2.72 ) | 4.19 | 5.2 | 4.2 | A+ |
| | 7 | 9 | 18 | 1.85 | 2.18 | 3.97 | 8.00 ( 2.0 - 9.2 ) | 1.89 ( 0.50 - 2.69 ) | 4.23 | 5.2 | 4.2 | A+ |
| | 7 | 12 | 12 | 2.08 | 2.96 | 2.96 | 8.00 ( 2.0 - 9.1 ) | 1.97 ( 0.50 - 2.87 ) | 4.06 | 5.2 | 4.2 | A+ |
| | 7 | 12 | 14 | 1.93 | 2.76 | 3.31 | 8.00 ( 2.0 - 9.2 ) | 1.90 ( 0.50 - 2.70 ) | 4.21 | 5.2 | 4.2 | A+ |
| | 9 | 9 | 9 | 2.67 | 2.67 | 2.67 | 8.00 ( 2.0 - 9.1 ) | 1.98 ( 0.50 - 2.87 ) | 4.04 | 5.2 | 4.2 | A+ |
| | 9 | 9 | 12 | 2.49 | 2.49 | 3.02 | 8.00 ( 2.0 - 9.2 ) | 1.97 ( 0.50 - 2.87 ) | 4.06 | 5.2 | 4.2 | A+ |
| | 9 | 9 | 14 | 2.32 | 2.32 | 3.37 | 8.00 ( 2.0 - 9.2 ) | 1.89 ( 0.50 - 2.70 ) | 4.23 | 5.2 | 4.2 | A+ |
| | 9 | 9 | 18*1 | 2.10 | 2.10 | 3.81 | 8.00 ( 2.0 - 9.2 ) | 1.87 ( 0.50 - 2.68 ) | 4.28 | 5.2 | 4.2 | A+ |
| | 9 | 12 | 12 | 2.34 | 2.83 | 2.83 | 8.00 ( 2.0 - 9.2 ) | 1.96 ( 0.50 - 2.80 ) | 4.08 | 5.2 | 4.2 | A+ |
| | 9 | 12 | 14 | 2.18 | 2.64 | 3.17 | 8.00 ( 2.0 - 9.2 ) | 1.89 ( 0.50 - 2.69 ) | 4.23 | 5.2 | 4.2 | A+ |
| | 12 | 12 | 12 | 2.67 | 2.67 | 2.67 | 8.00 ( 2.0 - 9.2 ) | 1.95 ( 0.50 - 2.78 ) | 4.10 | 5.2 | 4.2 | A+ |

Notes:
- 7: 7000Btu/h, 9: 9000Btu/h, 12: 12000Btu/h ,14:14000Btu/h, 18:18000Btu/h models.
- The above is the value for connecting with Wall Mounted type.
- 2 or more indoor units should be connected.
- Heating capacity is based on 20 °CDB (indoor temperature), 7 °CDB / 6 °CWB (outdoor temperature).
- Pipe length : 5m, Height difference : 0m. (Outdoor unit to indoor unit)
- The total ability of connected a indoor unit is up to 36000 Btu from 14000 Btu.

∗1: When "AS∗G18L" is connected, connect at least 1 wall mounted type of 9000Btu.

# 5-2. COOLING CAPACITY

This table is created using the maximum capacity.

Note: 2 or more indoor units should be connected.

## ■MODEL: AO∗G18L3

### ●Indoor unit : 7000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| Outdoor temperature | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7 | -10 | 2.17 | 1.64 | 0.31 | 2.42 | 1.65 | 0.31 | 2.50 | 1.80 | 0.31 | 2.66 | 1.80 | 0.31 | 2.74 | 1.95 | 0.32 | 2.91 | 1.94 | 0.32 | 2.99 | 1.94 | 0.32 |
| | -5 | 2.08 | 1.60 | 0.35 | 2.31 | 1.61 | 0.35 | 2.39 | 1.75 | 0.35 | 2.55 | 1.76 | 0.36 | 2.63 | 1.90 | 0.36 | 2.79 | 1.89 | 0.36 | 2.87 | 1.89 | 0.36 |
| | 0 | 2.04 | 1.59 | 0.38 | 2.27 | 1.60 | 0.39 | 2.35 | 1.74 | 0.39 | 2.51 | 1.74 | 0.39 | 2.58 | 1.88 | 0.40 | 2.74 | 1.87 | 0.40 | 2.82 | 1.87 | 0.40 |
| | 5 | 2.02 | 1.58 | 0.39 | 2.25 | 1.59 | 0.40 | 2.33 | 1.73 | 0.40 | 2.48 | 1.73 | 0.40 | 2.56 | 1.87 | 0.41 | 2.72 | 1.86 | 0.41 | 2.79 | 1.86 | 0.41 |
| | 10 | 2.04 | 1.59 | 0.40 | 2.27 | 1.60 | 0.40 | 2.35 | 1.74 | 0.41 | 2.51 | 1.74 | 0.41 | 2.58 | 1.88 | 0.41 | 2.74 | 1.87 | 0.42 | 2.82 | 1.87 | 0.42 |
| | 15 | 1.99 | 1.56 | 0.41 | 2.21 | 1.57 | 0.42 | 2.29 | 1.71 | 0.42 | 2.44 | 1.72 | 0.43 | 2.52 | 1.85 | 0.43 | 2.67 | 1.85 | 0.43 | 2.74 | 1.84 | 0.43 |
| | 20 | 2.12 | 1.62 | 0.45 | 2.36 | 1.63 | 0.46 | 2.44 | 1.77 | 0.46 | 2.60 | 1.78 | 0.46 | 2.68 | 1.92 | 0.46 | 2.84 | 1.91 | 0.47 | 2.92 | 1.91 | 0.47 |
| | 25 | 2.05 | 1.59 | 0.45 | 2.29 | 1.60 | 0.46 | 2.36 | 1.74 | 0.46 | 2.52 | 1.75 | 0.47 | 2.60 | 1.89 | 0.47 | 2.75 | 1.88 | 0.48 | 2.83 | 1.88 | 0.48 |
| | 30 | 1.95 | 1.54 | 0.50 | 2.17 | 1.55 | 0.51 | 2.24 | 1.69 | 0.51 | 2.39 | 1.69 | 0.51 | 2.46 | 1.83 | 0.52 | 2.61 | 1.82 | 0.52 | 2.68 | 1.82 | 0.52 |
| | 35 | 2.13 | 1.63 | 0.72 | 2.38 | 1.64 | 0.74 | 2.46 | 1.78 | 0.74 | 2.62 | 1.79 | 0.75 | 2.70 | 1.93 | 0.75 | 2.86 | 1.92 | 0.76 | 2.94 | 1.92 | 0.76 |
| | 40 | 2.07 | 1.60 | 0.80 | 2.31 | 1.61 | 0.82 | 2.39 | 1.75 | 0.82 | 2.54 | 1.76 | 0.83 | 2.62 | 1.90 | 0.83 | 2.78 | 1.89 | 0.84 | 2.86 | 1.89 | 0.84 |
| | 46 | 1.89 | 1.53 | 0.91 | 2.11 | 1.54 | 0.93 | 2.18 | 1.67 | 0.93 | 2.32 | 1.68 | 0.94 | 2.39 | 1.81 | 0.95 | 2.54 | 1.81 | 0.95 | 2.61 | 1.80 | 0.96 |

### ●Indoor unit : 9000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| Outdoor temperature | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 9 | -10 | 2.19 | 1.73 | 0.30 | 2.44 | 1.74 | 0.30 | 2.52 | 1.89 | 0.30 | 2.69 | 1.90 | 0.31 | 2.77 | 2.05 | 0.31 | 2.94 | 2.05 | 0.31 | 3.02 | 2.04 | 0.31 |
| | -5 | 2.10 | 1.69 | 0.34 | 2.34 | 1.70 | 0.34 | 2.42 | 1.85 | 0.34 | 2.58 | 1.86 | 0.35 | 2.66 | 2.00 | 0.35 | 2.82 | 2.00 | 0.35 | 2.90 | 1.99 | 0.35 |
| | 0 | 2.06 | 1.67 | 0.37 | 2.30 | 1.68 | 0.38 | 2.38 | 1.83 | 0.38 | 2.53 | 1.84 | 0.38 | 2.61 | 1.98 | 0.38 | 2.77 | 1.98 | 0.39 | 2.85 | 1.97 | 0.39 |
| | 5 | 2.05 | 1.66 | 0.38 | 2.28 | 1.67 | 0.39 | 2.36 | 1.82 | 0.39 | 2.51 | 1.83 | 0.39 | 2.59 | 1.97 | 0.39 | 2.75 | 1.97 | 0.40 | 2.82 | 1.96 | 0.40 |
| | 10 | 2.06 | 1.67 | 0.39 | 2.30 | 1.68 | 0.39 | 2.38 | 1.83 | 0.39 | 2.53 | 1.84 | 0.40 | 2.61 | 1.98 | 0.40 | 2.77 | 1.98 | 0.40 | 2.85 | 1.97 | 0.41 |
| | 15 | 2.10 | 1.69 | 0.44 | 2.34 | 1.70 | 0.45 | 2.42 | 1.85 | 0.45 | 2.58 | 1.86 | 0.45 | 2.66 | 2.00 | 0.46 | 2.82 | 2.00 | 0.46 | 2.90 | 1.99 | 0.46 |
| | 20 | 2.41 | 1.83 | 0.56 | 2.69 | 1.84 | 0.57 | 2.78 | 2.00 | 0.57 | 2.97 | 2.01 | 0.58 | 3.06 | 2.17 | 0.58 | 3.24 | 2.16 | 0.59 | 3.33 | 2.16 | 0.59 |
| | 25 | 2.34 | 1.80 | 0.57 | 2.61 | 1.81 | 0.58 | 2.69 | 1.97 | 0.58 | 2.87 | 1.97 | 0.59 | 2.96 | 2.13 | 0.59 | 3.14 | 2.12 | 0.60 | 3.23 | 2.12 | 0.60 |
| | 30 | 2.22 | 1.74 | 0.63 | 2.47 | 1.75 | 0.64 | 2.55 | 1.91 | 0.64 | 2.72 | 1.91 | 0.65 | 2.81 | 2.07 | 0.65 | 2.98 | 2.06 | 0.65 | 3.06 | 2.06 | 0.66 |
| | 35 | 2.61 | 1.92 | 1.05 | 2.90 | 1.93 | 1.07 | 3.00 | 2.09 | 1.07 | 3.20 | 2.10 | 1.08 | 3.30 | 2.27 | 1.09 | 3.50 | 2.26 | 1.10 | 3.60 | 2.26 | 1.11 |
| | 40 | 2.47 | 1.86 | 1.17 | 2.75 | 1.87 | 1.19 | 2.85 | 2.03 | 1.19 | 3.03 | 2.04 | 1.20 | 3.13 | 2.20 | 1.21 | 3.32 | 2.19 | 1.22 | 3.41 | 2.19 | 1.23 |
| | 46 | 2.27 | 1.78 | 1.33 | 2.53 | 1.79 | 1.35 | 2.62 | 1.95 | 1.35 | 2.79 | 1.96 | 1.37 | 2.87 | 2.11 | 1.37 | 3.05 | 2.11 | 1.39 | 3.13 | 2.10 | 1.39 |

### ●Indoor unit : 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| Outdoor temperature | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 12 | -10 | 2.75 | 2.08 | 0.40 | 3.07 | 2.10 | 0.40 | 3.17 | 2.28 | 0.41 | 3.38 | 2.29 | 0.41 | 3.48 | 2.47 | 0.41 | 3.69 | 2.46 | 0.42 | 3.80 | 2.45 | 0.42 |
| | -5 | 2.64 | 2.03 | 0.45 | 2.94 | 2.04 | 0.46 | 3.04 | 2.22 | 0.46 | 3.24 | 2.23 | 0.46 | 3.34 | 2.41 | 0.47 | 3.54 | 2.40 | 0.47 | 3.64 | 2.39 | 0.47 |
| | 0 | 2.59 | 2.01 | 0.50 | 2.89 | 2.02 | 0.51 | 2.98 | 2.20 | 0.51 | 3.18 | 2.21 | 0.51 | 3.28 | 2.38 | 0.52 | 3.48 | 2.37 | 0.52 | 3.58 | 2.37 | 0.52 |
| | 5 | 2.57 | 2.00 | 0.51 | 2.86 | 2.01 | 0.52 | 2.96 | 2.19 | 0.52 | 3.15 | 2.20 | 0.53 | 3.25 | 2.37 | 0.53 | 3.45 | 2.36 | 0.53 | 3.54 | 2.36 | 0.54 |
| | 10 | 2.59 | 2.01 | 0.52 | 2.89 | 2.02 | 0.53 | 2.98 | 2.20 | 0.53 | 3.18 | 2.21 | 0.53 | 3.28 | 2.38 | 0.54 | 3.48 | 2.37 | 0.54 | 3.58 | 2.37 | 0.54 |
| | 15 | 2.52 | 1.98 | 0.54 | 2.81 | 1.99 | 0.55 | 2.91 | 2.16 | 0.55 | 3.10 | 2.17 | 0.55 | 3.19 | 2.35 | 0.56 | 3.38 | 2.34 | 0.56 | 3.48 | 2.33 | 0.57 |
| | 20 | 3.11 | 2.23 | 0.79 | 3.46 | 2.25 | 0.81 | 3.58 | 2.44 | 0.81 | 3.81 | 2.45 | 0.82 | 3.93 | 2.65 | 0.82 | 4.17 | 2.64 | 0.83 | 4.28 | 2.63 | 0.83 |
| | 25 | 3.01 | 2.19 | 0.80 | 3.35 | 2.21 | 0.82 | 3.47 | 2.40 | 0.82 | 3.69 | 2.41 | 0.83 | 3.81 | 2.60 | 0.83 | 4.04 | 2.59 | 0.84 | 4.15 | 2.58 | 0.85 |
| | 30 | 2.85 | 2.13 | 0.88 | 3.18 | 2.14 | 0.90 | 3.28 | 2.32 | 0.90 | 3.50 | 2.33 | 0.91 | 3.61 | 2.52 | 0.91 | 3.83 | 2.51 | 0.92 | 3.93 | 2.51 | 0.93 |
| | 35 | 2.92 | 2.16 | 1.11 | 3.26 | 2.17 | 1.13 | 3.37 | 2.36 | 1.13 | 3.59 | 2.37 | 1.14 | 3.70 | 2.56 | 1.15 | 3.92 | 2.55 | 1.16 | 4.03 | 2.54 | 1.17 |
| | 40 | 2.77 | 2.09 | 1.23 | 3.09 | 2.10 | 1.25 | 3.19 | 2.29 | 1.26 | 3.40 | 2.30 | 1.27 | 3.51 | 2.48 | 1.28 | 3.72 | 2.47 | 1.29 | 3.82 | 2.46 | 1.30 |
| | 46 | 2.55 | 2.01 | 1.40 | 2.84 | 2.02 | 1.42 | 2.93 | 2.20 | 1.43 | 3.13 | 2.20 | 1.44 | 3.22 | 2.38 | 1.45 | 3.42 | 2.37 | 1.46 | 3.51 | 2.37 | 1.47 |

### ●Indoor unit : 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| Outdoor temperature | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 14 | -10 | 3.88 | 2.88 | 0.58 | 4.33 | 2.89 | 0.59 | 4.47 | 3.15 | 0.60 | 4.77 | 3.16 | 0.60 | 4.92 | 3.41 | 0.60 | 5.21 | 3.40 | 0.61 | 5.36 | 3.39 | 0.61 |
| | -5 | 3.72 | 2.81 | 0.66 | 4.15 | 2.82 | 0.67 | 4.29 | 3.07 | 0.68 | 4.57 | 3.08 | 0.68 | 4.71 | 3.33 | 0.69 | 5.00 | 3.31 | 0.69 | 5.14 | 3.31 | 0.70 |
| | 0 | 3.66 | 2.78 | 0.73 | 4.07 | 2.80 | 0.74 | 4.21 | 3.04 | 0.74 | 4.49 | 3.05 | 0.75 | 4.63 | 3.29 | 0.76 | 4.91 | 3.28 | 0.76 | 5.05 | 3.27 | 0.77 |
| | 5 | 3.63 | 2.76 | 0.75 | 4.04 | 2.78 | 0.76 | 4.18 | 3.02 | 0.76 | 4.45 | 3.03 | 0.77 | 4.59 | 3.27 | 0.78 | 4.86 | 3.26 | 0.78 | 5.00 | 3.26 | 0.79 |
| | 10 | 3.66 | 2.78 | 0.76 | 4.07 | 2.80 | 0.77 | 4.21 | 3.04 | 0.77 | 4.49 | 3.05 | 0.78 | 4.63 | 3.29 | 0.79 | 4.91 | 3.28 | 0.79 | 5.05 | 3.27 | 0.80 |
| | 15 | 3.66 | 2.78 | 0.83 | 4.07 | 2.80 | 0.85 | 4.21 | 3.04 | 0.85 | 4.49 | 3.05 | 0.86 | 4.63 | 3.29 | 0.86 | 4.91 | 3.28 | 0.87 | 5.05 | 3.27 | 0.88 |
| | 20 | 3.82 | 2.85 | 0.87 | 4.26 | 2.87 | 0.88 | 4.40 | 3.12 | 0.89 | 4.69 | 3.13 | 0.90 | 4.84 | 3.38 | 0.90 | 5.13 | 3.36 | 0.91 | 5.27 | 3.36 | 0.92 |
| | 25 | 3.70 | 2.80 | 0.88 | 4.12 | 2.81 | 0.90 | 4.27 | 3.06 | 0.90 | 4.55 | 3.07 | 0.91 | 4.69 | 3.31 | 0.91 | 4.97 | 3.30 | 0.92 | 5.11 | 3.30 | 0.93 |
| | 30 | 3.51 | 2.71 | 0.97 | 3.91 | 2.73 | 0.98 | 4.04 | 2.97 | 0.99 | 4.31 | 2.98 | 1.00 | 4.44 | 3.21 | 1.00 | 4.71 | 3.20 | 1.01 | 4.84 | 3.20 | 1.02 |
| | 35 | 3.79 | 2.84 | 1.36 | 4.22 | 2.85 | 1.38 | 4.37 | 3.10 | 1.39 | 4.66 | 3.11 | 1.40 | 4.80 | 3.36 | 1.41 | 5.09 | 3.35 | 1.42 | 5.23 | 3.34 | 1.43 |
| | 40 | 3.59 | 2.75 | 1.51 | 4.00 | 2.77 | 1.53 | 4.14 | 3.01 | 1.54 | 4.41 | 3.02 | 1.56 | 4.55 | 3.26 | 1.57 | 4.82 | 3.25 | 1.58 | 4.96 | 3.24 | 1.59 |
| | 46 | 3.18 | 2.59 | 1.62 | 3.55 | 2.61 | 1.65 | 3.67 | 2.84 | 1.66 | 3.91 | 2.85 | 1.67 | 4.03 | 3.07 | 1.68 | 4.27 | 3.06 | 1.70 | 4.39 | 3.06 | 1.71 |

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO*G18-24L3

## ●Indoor unit : 7000Btu + 7000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+7 | -10 | 3.69 | 2.84 | 0.49 | 4.11 | 2.86 | 0.49 | 4.25 | 3.11 | 0.50 | 4.53 | 3.12 | 0.50 | 4.67 | 3.37 | 0.50 | 4.95 | 3.36 | 0.51 | 5.09 | 3.35 | 0.51 |
| | -5 | 3.54 | 2.78 | 0.55 | 3.94 | 2.79 | 0.56 | 4.07 | 3.04 | 0.56 | 4.34 | 3.05 | 0.57 | 4.48 | 3.29 | 0.57 | 4.74 | 3.28 | 0.58 | 4.88 | 3.27 | 0.58 |
| | 0 | 3.47 | 2.75 | 0.61 | 3.87 | 2.76 | 0.62 | 4.00 | 3.00 | 0.62 | 4.27 | 3.02 | 0.63 | 4.40 | 3.26 | 0.63 | 4.66 | 3.24 | 0.64 | 4.79 | 3.24 | 0.64 |
| | 5 | 3.44 | 2.73 | 0.62 | 3.84 | 2.75 | 0.63 | 3.97 | 2.99 | 0.64 | 4.23 | 3.00 | 0.64 | 4.36 | 3.24 | 0.65 | 4.62 | 3.23 | 0.65 | 4.75 | 3.22 | 0.66 |
| | 10 | 3.47 | 2.75 | 0.63 | 3.87 | 2.76 | 0.64 | 4.00 | 3.00 | 0.65 | 4.27 | 3.02 | 0.65 | 4.40 | 3.26 | 0.66 | 4.66 | 3.24 | 0.66 | 4.79 | 3.24 | 0.67 |
| | 15 | 3.38 | 2.70 | 0.66 | 3.77 | 2.72 | 0.67 | 3.90 | 2.96 | 0.67 | 4.15 | 2.97 | 0.68 | 4.28 | 3.21 | 0.68 | 4.54 | 3.19 | 0.69 | 4.67 | 3.19 | 0.69 |
| | 20 | 4.16 | 3.05 | 0.97 | 4.64 | 3.07 | 0.99 | 4.80 | 3.34 | 0.99 | 5.11 | 3.35 | 1.00 | 5.27 | 3.62 | 1.01 | 5.59 | 3.60 | 1.02 | 5.75 | 3.60 | 1.02 |
| | 25 | 4.03 | 3.00 | 0.98 | 4.49 | 3.01 | 1.00 | 4.65 | 3.28 | 1.00 | 4.95 | 3.29 | 1.01 | 5.11 | 3.55 | 1.02 | 5.41 | 3.54 | 1.03 | 5.57 | 3.53 | 1.03 |
| | 30 | 3.82 | 2.90 | 1.08 | 4.26 | 2.92 | 1.10 | 4.40 | 3.18 | 1.10 | 4.69 | 3.19 | 1.11 | 4.84 | 3.44 | 1.12 | 5.13 | 3.43 | 1.13 | 5.28 | 3.42 | 1.14 |
| | 35 | 3.95 | 2.96 | 1.38 | 4.40 | 2.98 | 1.40 | 4.55 | 3.24 | 1.41 | 4.85 | 3.25 | 1.42 | 5.00 | 3.51 | 1.43 | 5.30 | 3.49 | 1.44 | 5.45 | 3.49 | 1.45 |
| | 40 | 3.74 | 2.87 | 1.53 | 4.17 | 2.89 | 1.56 | 4.31 | 3.14 | 1.56 | 4.60 | 3.15 | 1.58 | 4.74 | 3.40 | 1.59 | 5.02 | 3.39 | 1.60 | 5.17 | 3.38 | 1.61 |
| | 46 | 3.44 | 2.76 | 1.88 | 3.83 | 2.77 | 1.88 | 3.96 | 3.01 | 1.88 | 4.23 | 3.03 | 1.88 | 4.36 | 3.27 | 1.88 | 4.62 | 3.25 | 1.88 | 4.75 | 3.25 | 1.88 |

Outdoor temperature

## ●Indoor unit : 7000Btu + 9000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+9 | -10 | 4.25 | 3.18 | 0.63 | 4.74 | 3.20 | 0.64 | 4.90 | 3.48 | 0.64 | 5.22 | 3.49 | 0.65 | 5.38 | 3.77 | 0.65 | 5.71 | 3.76 | 0.66 | 5.87 | 3.75 | 0.66 |
| | -5 | 4.08 | 3.10 | 0.71 | 4.54 | 3.12 | 0.73 | 4.69 | 3.39 | 0.73 | 5.00 | 3.41 | 0.74 | 5.16 | 3.68 | 0.74 | 5.47 | 3.67 | 0.75 | 5.62 | 3.66 | 0.75 |
| | 0 | 4.00 | 3.07 | 0.79 | 4.46 | 3.09 | 0.80 | 4.61 | 3.36 | 0.80 | 4.92 | 3.37 | 0.81 | 5.07 | 3.64 | 0.82 | 5.37 | 3.63 | 0.82 | 5.53 | 3.62 | 0.83 |
| | 5 | 3.97 | 3.06 | 0.81 | 4.42 | 3.08 | 0.82 | 4.57 | 3.34 | 0.83 | 4.87 | 3.36 | 0.83 | 5.02 | 3.62 | 0.84 | 5.33 | 3.61 | 0.85 | 5.48 | 3.60 | 0.85 |
| | 10 | 4.00 | 3.07 | 0.82 | 4.46 | 3.09 | 0.83 | 4.61 | 3.36 | 0.84 | 4.92 | 3.37 | 0.85 | 5.07 | 3.64 | 0.85 | 5.37 | 3.63 | 0.86 | 5.53 | 3.62 | 0.86 |
| | 15 | 3.90 | 3.03 | 0.85 | 4.34 | 3.04 | 0.86 | 4.49 | 3.31 | 0.87 | 4.79 | 3.32 | 0.88 | 4.93 | 3.59 | 0.88 | 5.23 | 3.57 | 0.89 | 5.38 | 3.57 | 0.90 |
| | 20 | 4.45 | 3.26 | 1.07 | 4.95 | 3.29 | 1.09 | 5.12 | 3.57 | 1.09 | 5.46 | 3.58 | 1.10 | 5.63 | 3.87 | 1.11 | 5.97 | 3.86 | 1.12 | 6.13 | 3.85 | 1.12 |
| | 25 | 4.31 | 3.21 | 1.08 | 4.80 | 3.23 | 1.10 | 4.96 | 3.51 | 1.11 | 5.29 | 3.52 | 1.12 | 5.45 | 3.80 | 1.12 | 5.78 | 3.79 | 1.13 | 5.94 | 3.78 | 1.14 |
| | 30 | 4.08 | 3.11 | 1.19 | 4.55 | 3.13 | 1.21 | 4.70 | 3.40 | 1.21 | 5.01 | 3.41 | 1.23 | 5.17 | 3.68 | 1.23 | 5.48 | 3.67 | 1.25 | 5.63 | 3.66 | 1.25 |
| | 35 | 4.50 | 3.29 | 1.75 | 5.02 | 3.31 | 1.77 | 5.19 | 3.60 | 1.78 | 5.53 | 3.61 | 1.80 | 5.70 | 3.90 | 1.81 | 6.04 | 3.88 | 1.83 | 6.21 | 3.88 | 1.84 |
| | 40 | 4.28 | 3.19 | 1.94 | 4.77 | 3.21 | 1.97 | 4.93 | 3.49 | 1.98 | 5.26 | 3.51 | 2.00 | 5.42 | 3.78 | 2.01 | 5.74 | 3.77 | 2.03 | 5.91 | 3.76 | 2.06 |
| | 46 | 3.50 | 2.92 | 1.88 | 3.90 | 2.93 | 1.88 | 4.03 | 3.19 | 1.88 | 4.30 | 3.20 | 1.88 | 4.43 | 3.45 | 1.88 | 4.70 | 3.44 | 1.88 | 4.83 | 3.44 | 1.88 |

Outdoor temperature

## ●Indoor unit : 7000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+12 | -10 | 4.43 | 3.33 | 0.68 | 4.93 | 3.35 | 0.69 | 5.10 | 3.64 | 0.69 | 5.43 | 3.66 | 0.70 | 5.60 | 3.95 | 0.70 | 5.94 | 3.93 | 0.71 | 6.11 | 3.93 | 0.71 |
| | -5 | 4.24 | 3.25 | 0.77 | 4.72 | 3.27 | 0.78 | 4.88 | 3.55 | 0.78 | 5.21 | 3.57 | 0.79 | 5.37 | 3.85 | 0.79 | 5.69 | 3.84 | 0.80 | 5.85 | 3.83 | 0.81 |
| | 0 | 4.17 | 3.22 | 0.85 | 4.64 | 3.24 | 0.86 | 4.80 | 3.52 | 0.86 | 5.12 | 3.53 | 0.87 | 5.27 | 3.81 | 0.88 | 5.59 | 3.80 | 0.88 | 5.75 | 3.79 | 0.89 |
| | 5 | 4.13 | 3.20 | 0.87 | 4.60 | 3.22 | 0.88 | 4.76 | 3.50 | 0.89 | 5.07 | 3.51 | 0.89 | 5.23 | 3.79 | 0.90 | 5.54 | 3.78 | 0.91 | 5.70 | 3.77 | 0.91 |
| | 10 | 4.17 | 3.22 | 0.88 | 4.64 | 3.24 | 0.89 | 4.80 | 3.52 | 0.90 | 5.12 | 3.53 | 0.91 | 5.27 | 3.81 | 0.91 | 5.59 | 3.80 | 0.92 | 5.75 | 3.79 | 0.92 |
| | 15 | 4.16 | 3.22 | 0.96 | 4.64 | 3.24 | 0.98 | 4.79 | 3.52 | 0.98 | 5.11 | 3.53 | 0.99 | 5.27 | 3.81 | 1.00 | 5.59 | 3.80 | 1.01 | 5.74 | 3.79 | 1.01 |
| | 20 | 5.11 | 3.62 | 1.42 | 5.69 | 3.64 | 1.44 | 5.88 | 3.96 | 1.44 | 6.27 | 3.97 | 1.46 | 6.47 | 4.29 | 1.47 | 6.85 | 4.28 | 1.48 | 7.05 | 4.27 | 1.49 |
| | 25 | 4.95 | 3.55 | 1.43 | 5.51 | 3.58 | 1.46 | 5.70 | 3.89 | 1.46 | 6.08 | 3.90 | 1.48 | 6.26 | 4.21 | 1.48 | 6.64 | 4.20 | 1.50 | 6.83 | 4.19 | 1.51 |
| | 30 | 4.69 | 3.45 | 1.57 | 5.23 | 3.47 | 1.60 | 5.40 | 3.77 | 1.61 | 5.76 | 3.78 | 1.62 | 5.94 | 4.08 | 1.63 | 6.29 | 4.07 | 1.65 | 6.47 | 4.06 | 1.66 |
| | 35 | 4.82 | 3.50 | 1.99 | 5.37 | 3.52 | 2.02 | 5.55 | 3.83 | 2.03 | 5.92 | 3.84 | 2.06 | 6.10 | 4.15 | 2.06 | 6.47 | 4.13 | 2.06 | 6.65 | 4.13 | 2.06 |
| | 40 | 4.39 | 3.32 | 1.99 | 4.90 | 3.34 | 2.02 | 5.06 | 3.63 | 2.03 | 5.40 | 3.64 | 2.06 | 5.56 | 3.93 | 2.06 | 5.90 | 3.92 | 2.06 | 6.06 | 3.91 | 2.06 |
| | 46 | 3.56 | 3.03 | 1.88 | 3.97 | 3.05 | 1.88 | 4.10 | 3.31 | 1.88 | 4.37 | 3.32 | 1.88 | 4.51 | 3.59 | 1.88 | 4.78 | 3.58 | 1.88 | 4.92 | 3.57 | 1.88 |

Outdoor temperature

## ●Indoor unit : 7000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+14 | -10 | 5.15 | 3.89 | 0.79 | 5.74 | 3.91 | 0.80 | 5.94 | 4.25 | 0.81 | 6.33 | 4.27 | 0.81 | 6.52 | 4.61 | 0.82 | 6.91 | 4.59 | 0.83 | 7.11 | 4.58 | 0.83 |
| | -5 | 4.94 | 3.79 | 0.90 | 5.50 | 3.82 | 0.91 | 5.69 | 4.15 | 0.91 | 6.06 | 4.17 | 0.92 | 6.25 | 4.50 | 0.93 | 6.63 | 4.48 | 0.94 | 6.81 | 4.47 | 0.94 |
| | 0 | 4.85 | 3.76 | 0.99 | 5.40 | 3.78 | 1.00 | 5.59 | 4.11 | 1.01 | 5.96 | 4.12 | 1.02 | 6.14 | 4.45 | 1.02 | 6.51 | 4.44 | 1.03 | 6.69 | 4.43 | 1.04 |
| | 5 | 4.81 | 3.74 | 1.01 | 5.36 | 3.76 | 1.03 | 5.54 | 4.09 | 1.03 | 5.90 | 4.10 | 1.05 | 6.09 | 4.43 | 1.05 | 6.45 | 4.41 | 1.06 | 6.64 | 4.40 | 1.07 |
| | 10 | 4.85 | 3.76 | 1.03 | 5.40 | 3.78 | 1.04 | 5.59 | 4.11 | 1.05 | 5.96 | 4.12 | 1.06 | 6.14 | 4.45 | 1.06 | 6.51 | 4.44 | 1.07 | 6.69 | 4.43 | 1.08 |
| | 15 | 5.05 | 3.84 | 1.23 | 5.62 | 3.87 | 1.25 | 5.81 | 4.20 | 1.25 | 6.20 | 4.22 | 1.27 | 6.39 | 4.55 | 1.27 | 6.77 | 4.54 | 1.28 | 6.96 | 4.53 | 1.29 |
| | 20 | 5.76 | 4.15 | 1.55 | 6.42 | 4.18 | 1.57 | 6.64 | 4.54 | 1.58 | 7.08 | 4.56 | 1.59 | 7.30 | 4.92 | 1.60 | 7.73 | 4.90 | 1.62 | 7.95 | 4.89 | 1.63 |
| | 25 | 5.58 | 4.08 | 1.57 | 6.22 | 4.10 | 1.59 | 6.43 | 4.46 | 1.60 | 6.86 | 4.47 | 1.61 | 7.07 | 4.83 | 1.62 | 7.49 | 4.81 | 1.64 | 7.70 | 4.80 | 1.65 |
| | 30 | 5.29 | 3.95 | 1.72 | 5.90 | 3.98 | 1.75 | 6.10 | 4.32 | 1.76 | 6.50 | 4.34 | 1.77 | 6.70 | 4.68 | 1.78 | 7.10 | 4.67 | 1.80 | 7.30 | 4.66 | 1.81 |
| | 35 | 5.21 | 3.92 | 1.99 | 5.81 | 3.94 | 2.02 | 6.01 | 4.28 | 2.03 | 6.40 | 4.30 | 2.06 | 6.60 | 4.64 | 2.06 | 7.00 | 4.62 | 2.06 | 7.19 | 4.62 | 2.06 |
| | 40 | 4.66 | 3.67 | 1.95 | 5.19 | 3.69 | 1.98 | 5.37 | 4.01 | 1.99 | 5.72 | 4.03 | 2.01 | 5.90 | 4.35 | 2.02 | 6.25 | 4.33 | 2.06 | 6.43 | 4.33 | 2.06 |
| | 46 | 3.75 | 3.34 | 1.88 | 4.18 | 3.36 | 1.88 | 4.32 | 3.66 | 1.88 | 4.60 | 3.67 | 1.88 | 4.75 | 3.96 | 1.88 | 5.03 | 3.95 | 1.88 | 5.17 | 3.94 | 1.88 |

Outdoor temperature

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO*G18-24L3

## ●Indoor unit : 9000Btu + 9000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 9+9 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | -10 | 4.38 | 3.34 | 0.64 | 4.88 | 3.36 | 0.65 | 5.04 | 3.65 | 0.65 | 5.38 | 3.67 | 0.66 | 5.54 | 3.96 | 0.66 | 5.87 | 3.94 | 0.67 | 6.04 | 3.94 | 0.67 |
| | -5 | 4.20 | 3.26 | 0.72 | 4.67 | 3.28 | 0.73 | 4.83 | 3.56 | 0.74 | 5.15 | 3.58 | 0.75 | 5.31 | 3.86 | 0.75 | 5.63 | 3.85 | 0.76 | 5.79 | 3.84 | 0.76 |
| | 0 | 4.12 | 3.23 | 0.80 | 4.59 | 3.25 | 0.81 | 4.75 | 3.53 | 0.81 | 5.06 | 3.54 | 0.82 | 5.22 | 3.82 | 0.83 | 5.53 | 3.81 | 0.84 | 5.69 | 3.80 | 0.84 |
| | 5 | 4.09 | 3.21 | 0.82 | 4.55 | 3.23 | 0.83 | 4.71 | 3.51 | 0.84 | 5.02 | 3.52 | 0.84 | 5.17 | 3.80 | 0.85 | 5.48 | 3.79 | 0.86 | 5.64 | 3.78 | 0.86 |
| | 10 | 4.12 | 3.23 | 0.83 | 4.59 | 3.25 | 0.84 | 4.75 | 3.53 | 0.85 | 5.06 | 3.54 | 0.86 | 5.22 | 3.82 | 0.86 | 5.53 | 3.81 | 0.87 | 5.69 | 3.80 | 0.87 |
| | 15 | 4.23 | 3.27 | 0.96 | 4.71 | 3.30 | 0.98 | 4.87 | 3.58 | 0.98 | 5.19 | 3.59 | 0.99 | 5.36 | 3.88 | 1.00 | 5.68 | 3.87 | 1.01 | 5.84 | 3.86 | 1.01 |
| | 20 | 4.89 | 3.56 | 1.25 | 5.45 | 3.58 | 1.27 | 5.63 | 3.89 | 1.27 | 6.00 | 3.91 | 1.28 | 6.19 | 4.22 | 1.29 | 6.56 | 4.20 | 1.30 | 6.75 | 4.20 | 1.31 |
| | 25 | 4.74 | 3.50 | 1.26 | 5.28 | 3.52 | 1.28 | 5.46 | 3.82 | 1.29 | 5.82 | 3.84 | 1.30 | 6.00 | 4.14 | 1.31 | 6.36 | 4.13 | 1.32 | 6.54 | 4.12 | 1.33 |
| | 30 | 4.49 | 3.39 | 1.39 | 5.00 | 3.41 | 1.41 | 5.17 | 3.71 | 1.41 | 5.51 | 3.72 | 1.43 | 5.68 | 4.02 | 1.44 | 6.02 | 4.00 | 1.45 | 6.20 | 3.99 | 1.46 |
| | 35 | 4.90 | 3.56 | 1.99 | 5.46 | 3.59 | 2.02 | 5.64 | 3.90 | 2.03 | 6.01 | 3.91 | 2.06 | 6.20 | 4.22 | 2.06 | 6.57 | 4.21 | 2.06 | 6.76 | 4.20 | 2.06 |
| | 40 | 4.44 | 3.37 | 1.99 | 4.94 | 3.39 | 2.02 | 5.11 | 3.68 | 2.03 | 5.45 | 3.70 | 2.06 | 5.62 | 3.99 | 2.06 | 5.95 | 3.97 | 2.06 | 6.12 | 3.97 | 2.06 |
| | 46 | 3.58 | 3.07 | 1.88 | 3.99 | 3.09 | 1.88 | 4.12 | 3.35 | 1.88 | 4.40 | 3.37 | 1.88 | 4.53 | 3.63 | 1.88 | 4.80 | 3.62 | 1.88 | 4.94 | 3.61 | 1.88 |

## ●Indoor unit : 9000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 9+12 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | -10 | 4.63 | 3.52 | 0.69 | 5.16 | 3.54 | 0.71 | 5.33 | 3.85 | 0.71 | 5.68 | 3.86 | 0.72 | 5.86 | 4.17 | 0.72 | 6.21 | 4.15 | 0.73 | 6.39 | 4.15 | 0.73 |
| | -5 | 4.44 | 3.43 | 0.79 | 4.94 | 3.45 | 0.80 | 5.11 | 3.75 | 0.80 | 5.45 | 3.77 | 0.81 | 5.62 | 4.07 | 0.82 | 5.95 | 4.05 | 0.82 | 6.12 | 4.04 | 0.83 |
| | 0 | 4.36 | 3.40 | 0.87 | 4.86 | 3.42 | 0.88 | 5.02 | 3.71 | 0.89 | 5.35 | 3.73 | 0.90 | 5.52 | 4.03 | 0.90 | 5.85 | 4.01 | 0.91 | 6.01 | 4.00 | 0.91 |
| | 5 | 4.32 | 3.38 | 0.89 | 4.81 | 3.40 | 0.91 | 4.98 | 3.70 | 0.91 | 5.30 | 3.71 | 0.92 | 5.47 | 4.00 | 0.92 | 5.80 | 3.99 | 0.93 | 5.96 | 3.98 | 0.94 |
| | 10 | 4.36 | 3.40 | 0.90 | 4.86 | 3.42 | 0.92 | 5.02 | 3.71 | 0.92 | 5.35 | 3.73 | 0.93 | 5.52 | 4.03 | 0.94 | 5.85 | 4.01 | 0.95 | 6.01 | 4.00 | 0.95 |
| | 15 | 4.51 | 3.46 | 1.07 | 5.02 | 3.49 | 1.08 | 5.19 | 3.79 | 1.09 | 5.54 | 3.80 | 1.10 | 5.71 | 4.10 | 1.11 | 6.05 | 4.09 | 1.12 | 6.22 | 4.08 | 1.12 |
| | 20 | 5.50 | 3.89 | 1.55 | 6.13 | 3.91 | 1.57 | 6.34 | 4.25 | 1.58 | 6.76 | 4.27 | 1.59 | 6.96 | 4.61 | 1.60 | 7.38 | 4.59 | 1.62 | 7.59 | 4.58 | 1.63 |
| | 25 | 5.33 | 3.82 | 1.57 | 5.94 | 3.84 | 1.59 | 6.14 | 4.17 | 1.60 | 6.54 | 4.19 | 1.61 | 6.75 | 4.52 | 1.62 | 7.15 | 4.51 | 1.64 | 7.35 | 4.50 | 1.65 |
| | 30 | 5.05 | 3.70 | 1.72 | 5.63 | 3.72 | 1.75 | 5.82 | 4.05 | 1.76 | 6.20 | 4.06 | 1.77 | 6.40 | 4.39 | 1.78 | 6.78 | 4.37 | 1.80 | 6.97 | 4.36 | 1.81 |
| | 35 | 4.98 | 3.67 | 1.99 | 5.54 | 3.69 | 2.02 | 5.73 | 4.01 | 2.03 | 6.11 | 4.03 | 2.06 | 6.30 | 4.35 | 2.06 | 6.68 | 4.33 | 2.06 | 6.87 | 4.32 | 2.06 |
| | 40 | 4.46 | 3.44 | 1.95 | 4.97 | 3.46 | 1.98 | 5.14 | 3.77 | 1.99 | 5.48 | 3.78 | 2.01 | 5.65 | 4.08 | 2.02 | 5.99 | 4.07 | 2.06 | 6.16 | 4.06 | 2.06 |
| | 46 | 3.62 | 3.15 | 1.88 | 4.04 | 3.17 | 1.88 | 4.17 | 3.44 | 1.88 | 4.45 | 3.46 | 1.88 | 4.59 | 3.73 | 1.88 | 4.86 | 3.72 | 1.88 | 5.00 | 3.71 | 1.88 |

## ●Indoor unit : 9000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 9+14 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | -10 | 5.47 | 4.13 | 0.87 | 6.09 | 4.15 | 0.88 | 6.30 | 4.51 | 0.89 | 6.72 | 4.53 | 0.90 | 6.92 | 4.89 | 0.90 | 7.34 | 4.87 | 0.91 | 7.55 | 4.86 | 0.91 |
| | -5 | 5.24 | 4.03 | 0.98 | 5.84 | 4.05 | 1.00 | 6.04 | 4.40 | 1.00 | 6.44 | 4.42 | 1.02 | 6.64 | 4.77 | 1.02 | 7.03 | 4.75 | 1.03 | 7.23 | 4.75 | 1.04 |
| | 0 | 5.15 | 3.98 | 1.09 | 5.74 | 4.01 | 1.10 | 5.93 | 4.36 | 1.11 | 6.32 | 4.37 | 1.12 | 6.52 | 4.72 | 1.13 | 6.91 | 4.71 | 1.14 | 7.11 | 4.70 | 1.14 |
| | 5 | 5.11 | 3.96 | 1.11 | 5.69 | 3.99 | 1.13 | 5.88 | 4.34 | 1.14 | 6.27 | 4.35 | 1.15 | 6.46 | 4.70 | 1.16 | 6.85 | 4.68 | 1.17 | 7.04 | 4.67 | 1.17 |
| | 10 | 5.15 | 3.98 | 1.13 | 5.74 | 4.01 | 1.15 | 5.93 | 4.36 | 1.15 | 6.32 | 4.37 | 1.16 | 6.52 | 4.72 | 1.17 | 6.91 | 4.71 | 1.18 | 7.11 | 4.70 | 1.19 |
| | 15 | 5.44 | 4.11 | 1.39 | 6.06 | 4.14 | 1.42 | 6.27 | 4.50 | 1.42 | 6.68 | 4.52 | 1.44 | 6.88 | 4.87 | 1.44 | 7.30 | 4.86 | 1.46 | 7.50 | 4.85 | 1.47 |
| | 20 | 6.11 | 4.40 | 1.69 | 6.80 | 4.43 | 1.72 | 7.03 | 4.81 | 1.73 | 7.50 | 4.83 | 1.75 | 7.73 | 5.21 | 1.75 | 8.19 | 5.19 | 1.77 | 8.42 | 5.18 | 1.78 |
| | 25 | 5.91 | 4.32 | 1.71 | 6.59 | 4.35 | 1.74 | 6.81 | 4.72 | 1.75 | 7.26 | 4.74 | 1.77 | 7.49 | 5.12 | 1.78 | 7.94 | 5.10 | 1.79 | 8.16 | 5.09 | 1.80 |
| | 30 | 5.61 | 4.19 | 1.88 | 6.25 | 4.21 | 1.91 | 6.46 | 4.58 | 1.92 | 6.88 | 4.60 | 1.94 | 7.10 | 4.96 | 1.95 | 7.52 | 4.94 | 1.97 | 7.74 | 4.93 | 1.98 |
| | 35 | 5.29 | 4.05 | 1.99 | 5.90 | 4.07 | 2.02 | 6.10 | 4.43 | 2.03 | 6.50 | 4.44 | 2.06 | 6.70 | 4.80 | 2.06 | 7.10 | 4.78 | 2.06 | 7.30 | 4.77 | 2.06 |
| | 40 | 4.73 | 3.79 | 1.95 | 5.27 | 3.82 | 1.98 | 5.45 | 4.15 | 1.99 | 5.81 | 4.16 | 2.01 | 5.99 | 4.50 | 2.02 | 6.35 | 4.48 | 2.06 | 6.53 | 4.47 | 2.06 |
| | 46 | 3.81 | 3.46 | 1.88 | 4.24 | 3.48 | 1.88 | 4.38 | 3.78 | 1.88 | 4.67 | 3.79 | 1.88 | 4.82 | 4.09 | 1.88 | 5.11 | 4.08 | 1.88 | 5.25 | 4.07 | 1.88 |

## ●Indoor unit : 12000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 12+12 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | -10 | 4.92 | 3.69 | 0.79 | 5.48 | 3.71 | 0.80 | 5.67 | 4.04 | 0.81 | 6.04 | 4.05 | 0.81 | 6.23 | 4.37 | 0.82 | 6.60 | 4.36 | 0.83 | 6.79 | 4.35 | 0.83 |
| | -5 | 4.71 | 3.60 | 0.90 | 5.25 | 3.62 | 0.91 | 5.43 | 3.94 | 0.91 | 5.79 | 3.95 | 0.92 | 5.97 | 4.27 | 0.93 | 6.32 | 4.25 | 0.94 | 6.50 | 4.24 | 0.94 |
| | 0 | 4.63 | 3.56 | 0.99 | 5.16 | 3.59 | 1.00 | 5.33 | 3.90 | 1.01 | 5.69 | 3.91 | 1.02 | 5.86 | 4.22 | 1.02 | 6.21 | 4.21 | 1.03 | 6.39 | 4.20 | 1.04 |
| | 5 | 4.59 | 3.55 | 1.01 | 5.11 | 3.57 | 1.03 | 5.29 | 3.88 | 1.03 | 5.64 | 3.89 | 1.05 | 5.81 | 4.20 | 1.05 | 6.16 | 4.19 | 1.06 | 6.33 | 4.18 | 1.07 |
| | 10 | 4.63 | 3.56 | 1.03 | 5.16 | 3.59 | 1.04 | 5.33 | 3.90 | 1.05 | 5.69 | 3.91 | 1.06 | 5.86 | 4.22 | 1.06 | 6.21 | 4.21 | 1.07 | 6.39 | 4.20 | 1.08 |
| | 15 | 4.82 | 3.65 | 1.23 | 5.36 | 3.67 | 1.25 | 5.55 | 3.99 | 1.25 | 5.91 | 4.00 | 1.27 | 6.10 | 4.32 | 1.27 | 6.46 | 4.30 | 1.28 | 6.65 | 4.30 | 1.29 |
| | 20 | 5.98 | 4.13 | 1.84 | 6.66 | 4.16 | 1.87 | 6.88 | 4.52 | 1.88 | 7.34 | 4.54 | 1.90 | 7.56 | 4.90 | 1.91 | 8.02 | 4.88 | 1.93 | 8.24 | 4.87 | 1.94 |
| | 25 | 5.79 | 4.06 | 1.87 | 6.45 | 4.08 | 1.90 | 6.67 | 4.44 | 1.90 | 7.11 | 4.45 | 1.92 | 7.33 | 4.81 | 1.93 | 7.77 | 4.79 | 1.95 | 7.99 | 4.78 | 1.96 |
| | 30 | 5.40 | 3.90 | 1.99 | 6.02 | 3.92 | 2.02 | 6.22 | 4.26 | 2.03 | 6.63 | 4.28 | 2.06 | 6.84 | 4.62 | 2.06 | 7.25 | 4.60 | 2.06 | 7.45 | 4.59 | 2.06 |
| | 35 | 4.98 | 3.72 | 1.99 | 5.54 | 3.74 | 2.02 | 5.73 | 4.06 | 2.03 | 6.11 | 4.08 | 2.06 | 6.30 | 4.40 | 2.06 | 6.68 | 4.39 | 2.06 | 6.87 | 4.38 | 2.06 |
| | 40 | 4.46 | 3.48 | 1.95 | 4.96 | 3.51 | 1.98 | 5.13 | 3.81 | 1.99 | 5.47 | 3.83 | 2.01 | 5.64 | 4.13 | 2.02 | 5.98 | 4.11 | 2.06 | 6.15 | 4.11 | 2.06 |
| | 46 | 3.61 | 3.19 | 1.88 | 4.03 | 3.21 | 1.88 | 4.16 | 3.49 | 1.88 | 4.44 | 3.50 | 1.88 | 4.58 | 3.78 | 1.88 | 4.85 | 3.76 | 1.88 | 4.99 | 3.76 | 1.88 |

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

## ● Indoor unit : 12000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 12+14 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | -10 | 5.93 | 4.38 | 1.03 | 6.61 | 4.41 | 1.05 | 6.83 | 4.79 | 1.05 | 7.29 | 4.81 | 1.06 | 7.51 | 5.19 | 1.07 | 7.96 | 5.17 | 1.08 | 8.19 | 5.16 | 1.09 |
| | -5 | 5.69 | 4.27 | 1.17 | 6.33 | 4.30 | 1.19 | 6.55 | 4.67 | 1.19 | 6.98 | 4.69 | 1.21 | 7.20 | 5.06 | 1.21 | 7.63 | 5.05 | 1.22 | 7.85 | 5.04 | 1.23 |
| | 0 | 5.59 | 4.23 | 1.29 | 6.22 | 4.26 | 1.31 | 6.44 | 4.63 | 1.32 | 6.86 | 4.64 | 1.33 | 7.07 | 5.01 | 1.34 | 7.50 | 5.00 | 1.35 | 7.71 | 4.99 | 1.36 |
| | 5 | 5.54 | 4.21 | 1.32 | 6.17 | 4.24 | 1.35 | 6.38 | 4.60 | 1.35 | 6.80 | 4.62 | 1.37 | 7.01 | 4.99 | 1.37 | 7.43 | 4.97 | 1.39 | 7.64 | 4.96 | 1.39 |
| | 10 | 5.59 | 4.23 | 1.34 | 6.22 | 4.26 | 1.36 | 6.44 | 4.63 | 1.37 | 6.86 | 4.64 | 1.38 | 7.07 | 5.01 | 1.39 | 7.50 | 5.00 | 1.40 | 7.71 | 4.99 | 1.41 |
| | 15 | 5.75 | 4.30 | 1.57 | 6.40 | 4.33 | 1.59 | 6.62 | 4.70 | 1.60 | 7.06 | 4.72 | 1.61 | 7.27 | 5.10 | 1.62 | 7.71 | 5.08 | 1.64 | 7.93 | 5.07 | 1.65 |
| | 20 | 6.60 | 4.66 | 1.99 | 7.35 | 4.69 | 2.02 | 7.60 | 5.10 | 2.03 | 8.10 | 5.11 | 2.06 | 8.35 | 5.52 | 2.06 | 8.85 | 5.50 | 2.06 | 9.11 | 5.49 | 2.06 |
| | 25 | 6.35 | 4.55 | 1.99 | 7.07 | 4.58 | 2.02 | 7.31 | 4.98 | 2.03 | 7.79 | 5.00 | 2.06 | 8.03 | 5.40 | 2.06 | 8.52 | 5.38 | 2.06 | 8.76 | 5.37 | 2.06 |
| | 30 | 5.74 | 4.30 | 1.99 | 6.40 | 4.33 | 2.02 | 6.62 | 4.70 | 2.03 | 7.05 | 4.72 | 2.06 | 7.27 | 5.09 | 2.06 | 7.71 | 5.08 | 2.06 | 7.93 | 5.07 | 2.06 |
| | 35 | 5.29 | 4.10 | 1.99 | 5.90 | 4.13 | 2.02 | 6.10 | 4.48 | 2.03 | 6.50 | 4.50 | 2.06 | 6.70 | 4.86 | 2.06 | 7.10 | 4.84 | 2.06 | 7.30 | 4.83 | 2.06 |
| | 40 | 4.73 | 3.84 | 1.95 | 5.27 | 3.87 | 1.98 | 5.45 | 4.20 | 1.99 | 5.81 | 4.22 | 2.01 | 5.99 | 4.55 | 2.02 | 6.35 | 4.54 | 2.06 | 6.53 | 4.53 | 2.06 |
| | 46 | 3.81 | 3.50 | 1.88 | 4.24 | 3.52 | 1.88 | 4.38 | 3.83 | 1.88 | 4.67 | 3.84 | 1.88 | 4.82 | 4.15 | 1.88 | 5.11 | 4.13 | 1.88 | 5.25 | 4.12 | 1.88 |

## ● Indoor unit : 7000Btu + 7000Btu + 7000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 7+7+7 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | -10 | 5.12 | 4.03 | 0.73 | 5.71 | 4.06 | 0.74 | 5.90 | 4.41 | 0.75 | 6.29 | 4.43 | 0.76 | 6.48 | 4.78 | 0.76 | 6.87 | 4.76 | 0.77 | 7.07 | 4.75 | 0.77 |
| | -5 | 4.91 | 3.94 | 0.83 | 5.47 | 3.96 | 0.84 | 5.65 | 4.30 | 0.85 | 6.03 | 4.32 | 0.86 | 6.21 | 4.66 | 0.86 | 6.59 | 4.65 | 0.87 | 6.77 | 4.64 | 0.87 |
| | 0 | 4.82 | 3.90 | 0.92 | 5.37 | 3.92 | 0.93 | 5.56 | 4.26 | 0.93 | 5.92 | 4.28 | 0.94 | 6.11 | 4.62 | 0.95 | 6.47 | 4.60 | 0.96 | 6.66 | 4.59 | 0.96 |
| | 5 | 4.78 | 3.88 | 0.94 | 5.33 | 3.90 | 0.95 | 5.51 | 4.24 | 0.96 | 5.87 | 4.25 | 0.97 | 6.05 | 4.59 | 0.97 | 6.41 | 4.58 | 0.98 | 6.60 | 4.57 | 0.99 |
| | 10 | 4.82 | 3.90 | 0.95 | 5.37 | 3.92 | 0.97 | 5.56 | 4.26 | 0.97 | 5.92 | 4.28 | 0.98 | 6.11 | 4.62 | 0.99 | 6.47 | 4.60 | 1.00 | 6.66 | 4.59 | 1.00 |
| | 15 | 4.70 | 3.83 | 0.99 | 5.23 | 3.86 | 1.00 | 5.41 | 4.19 | 1.01 | 5.77 | 4.21 | 1.02 | 5.94 | 4.54 | 1.02 | 6.30 | 4.53 | 1.03 | 6.48 | 4.52 | 1.04 |
| | 20 | 5.94 | 4.39 | 1.55 | 6.62 | 4.42 | 1.57 | 6.84 | 4.81 | 1.58 | 7.29 | 4.82 | 1.59 | 7.52 | 5.21 | 1.60 | 7.97 | 5.19 | 1.62 | 8.19 | 5.18 | 1.63 |
| | 25 | 5.75 | 4.31 | 1.57 | 6.41 | 4.34 | 1.59 | 6.63 | 4.72 | 1.60 | 7.06 | 4.74 | 1.61 | 7.28 | 5.11 | 1.62 | 7.72 | 5.09 | 1.64 | 7.94 | 5.09 | 1.65 |
| | 30 | 5.45 | 4.18 | 1.72 | 6.07 | 4.21 | 1.75 | 6.28 | 4.57 | 1.76 | 6.70 | 4.59 | 1.77 | 6.90 | 4.96 | 1.78 | 7.32 | 4.94 | 1.80 | 7.52 | 4.93 | 1.81 |
| | 35 | 5.37 | 4.15 | 1.99 | 5.98 | 4.17 | 2.02 | 6.19 | 4.53 | 2.03 | 6.60 | 4.55 | 2.06 | 6.80 | 4.91 | 2.06 | 7.21 | 4.90 | 2.06 | 7.41 | 4.89 | 2.06 |
| | 40 | 4.80 | 3.89 | 1.95 | 5.35 | 3.91 | 1.98 | 5.53 | 4.25 | 1.99 | 5.90 | 4.27 | 2.01 | 6.08 | 4.60 | 2.02 | 6.44 | 4.59 | 2.06 | 6.63 | 4.58 | 2.06 |
| | 46 | 3.86 | 3.54 | 1.88 | 4.30 | 3.56 | 1.88 | 4.45 | 3.87 | 1.88 | 4.74 | 3.89 | 1.88 | 4.89 | 4.19 | 1.88 | 5.18 | 4.18 | 1.88 | 5.33 | 4.17 | 1.88 |

## ● Indoor unit : 7000Btu + 7000Btu + 9000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 7+7+9 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | -10 | 5.31 | 4.19 | 0.79 | 5.91 | 4.22 | 0.80 | 6.11 | 4.59 | 0.81 | 6.52 | 4.61 | 0.81 | 6.72 | 4.97 | 0.82 | 7.12 | 4.95 | 0.83 | 7.32 | 4.94 | 0.83 |
| | -5 | 5.09 | 4.09 | 0.90 | 5.67 | 4.12 | 0.91 | 5.86 | 4.48 | 0.91 | 6.25 | 4.49 | 0.92 | 6.44 | 4.85 | 0.93 | 6.83 | 4.83 | 0.94 | 7.02 | 4.82 | 0.94 |
| | 0 | 5.00 | 4.05 | 0.99 | 5.57 | 4.08 | 1.00 | 5.76 | 4.43 | 1.01 | 6.14 | 4.45 | 1.02 | 6.33 | 4.80 | 1.02 | 6.71 | 4.78 | 1.03 | 6.90 | 4.77 | 1.04 |
| | 5 | 4.95 | 4.03 | 1.01 | 5.52 | 4.06 | 1.03 | 5.71 | 4.41 | 1.03 | 6.08 | 4.42 | 1.05 | 6.27 | 4.78 | 1.05 | 6.65 | 4.76 | 1.06 | 6.84 | 4.75 | 1.07 |
| | 10 | 5.00 | 4.05 | 1.03 | 5.57 | 4.08 | 1.04 | 5.76 | 4.43 | 1.05 | 6.14 | 4.45 | 1.06 | 6.33 | 4.80 | 1.06 | 6.71 | 4.78 | 1.07 | 6.90 | 4.77 | 1.08 |
| | 15 | 5.09 | 4.09 | 1.17 | 5.67 | 4.12 | 1.19 | 5.86 | 4.48 | 1.20 | 6.25 | 4.49 | 1.21 | 6.44 | 4.85 | 1.22 | 6.83 | 4.83 | 1.23 | 7.02 | 4.82 | 1.23 |
| | 20 | 6.20 | 4.59 | 1.69 | 6.90 | 4.62 | 1.72 | 7.14 | 5.02 | 1.73 | 7.61 | 5.04 | 1.75 | 7.84 | 5.44 | 1.75 | 8.31 | 5.42 | 1.77 | 8.55 | 5.41 | 1.78 |
| | 25 | 6.00 | 4.50 | 1.71 | 6.69 | 4.53 | 1.74 | 6.92 | 4.93 | 1.75 | 7.37 | 4.95 | 1.77 | 7.60 | 5.34 | 1.78 | 8.06 | 5.32 | 1.79 | 8.28 | 5.31 | 1.80 |
| | 30 | 5.69 | 4.37 | 1.88 | 6.34 | 4.39 | 1.91 | 6.56 | 4.78 | 1.92 | 6.99 | 4.79 | 1.94 | 7.20 | 5.18 | 1.95 | 7.64 | 5.16 | 1.97 | 7.85 | 5.15 | 1.98 |
| | 35 | 5.37 | 4.22 | 1.99 | 5.98 | 4.25 | 2.02 | 6.19 | 4.62 | 2.03 | 6.60 | 4.64 | 2.06 | 6.80 | 5.01 | 2.06 | 7.21 | 4.99 | 2.06 | 7.41 | 4.98 | 2.06 |
| | 40 | 4.80 | 3.96 | 1.95 | 5.35 | 3.98 | 1.98 | 5.53 | 4.33 | 1.99 | 5.90 | 4.35 | 2.01 | 6.08 | 4.69 | 2.02 | 6.44 | 4.67 | 2.06 | 6.63 | 4.67 | 2.06 |
| | 46 | 3.86 | 3.60 | 1.88 | 4.30 | 3.63 | 1.88 | 4.45 | 3.94 | 1.88 | 4.74 | 3.96 | 1.88 | 4.89 | 4.27 | 1.88 | 5.18 | 4.26 | 1.88 | 5.33 | 4.25 | 1.88 |

## ● Indoor unit : 7000Btu + 7000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 7+7+12 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | -10 | 5.67 | 4.41 | 0.91 | 6.32 | 4.44 | 0.92 | 6.53 | 4.83 | 0.93 | 6.96 | 4.85 | 0.94 | 7.18 | 5.23 | 0.94 | 7.61 | 5.21 | 0.95 | 7.82 | 5.20 | 0.96 |
| | -5 | 5.43 | 4.31 | 1.03 | 6.05 | 4.33 | 1.05 | 6.26 | 4.71 | 1.05 | 6.67 | 4.73 | 1.06 | 6.88 | 5.10 | 1.07 | 7.29 | 5.09 | 1.08 | 7.50 | 5.08 | 1.08 |
| | 0 | 5.34 | 4.26 | 1.14 | 5.95 | 4.29 | 1.15 | 6.15 | 4.66 | 1.16 | 6.56 | 4.68 | 1.17 | 6.76 | 5.05 | 1.18 | 7.17 | 5.03 | 1.19 | 7.37 | 5.02 | 1.19 |
| | 5 | 5.29 | 4.24 | 1.17 | 5.90 | 4.27 | 1.18 | 6.10 | 4.64 | 1.19 | 6.50 | 4.66 | 1.20 | 6.70 | 5.03 | 1.21 | 7.10 | 5.01 | 1.22 | 7.30 | 5.00 | 1.23 |
| | 10 | 5.34 | 4.26 | 1.18 | 5.95 | 4.29 | 1.20 | 6.15 | 4.66 | 1.21 | 6.56 | 4.68 | 1.22 | 6.76 | 5.05 | 1.22 | 7.17 | 5.03 | 1.24 | 7.37 | 5.02 | 1.24 |
| | 15 | 5.52 | 4.35 | 1.39 | 6.15 | 4.37 | 1.42 | 6.36 | 4.75 | 1.42 | 6.78 | 4.77 | 1.44 | 6.99 | 5.15 | 1.44 | 7.41 | 5.13 | 1.46 | 7.62 | 5.12 | 1.47 |
| | 20 | 6.70 | 4.86 | 1.99 | 7.46 | 4.89 | 2.02 | 7.72 | 5.32 | 2.03 | 8.22 | 5.34 | 2.06 | 8.48 | 5.76 | 2.06 | 8.99 | 5.74 | 2.06 | 9.24 | 5.73 | 2.06 |
| | 25 | 6.44 | 4.75 | 1.99 | 7.17 | 4.78 | 2.02 | 7.42 | 5.20 | 2.03 | 7.91 | 5.22 | 2.06 | 8.15 | 5.63 | 2.06 | 8.64 | 5.61 | 2.06 | 8.89 | 5.60 | 2.06 |
| | 30 | 5.83 | 4.49 | 1.99 | 6.49 | 4.51 | 2.02 | 6.72 | 4.91 | 2.03 | 7.16 | 4.92 | 2.06 | 7.38 | 5.32 | 2.06 | 7.82 | 5.30 | 2.06 | 8.04 | 5.29 | 2.06 |
| | 35 | 5.37 | 4.28 | 1.99 | 5.98 | 4.30 | 2.02 | 6.19 | 4.68 | 2.03 | 6.60 | 4.70 | 2.06 | 6.80 | 5.07 | 2.06 | 7.21 | 5.05 | 2.06 | 7.41 | 5.04 | 2.06 |
| | 40 | 4.80 | 4.01 | 1.95 | 5.35 | 4.03 | 1.98 | 5.53 | 4.38 | 1.99 | 5.90 | 4.40 | 2.01 | 6.08 | 4.75 | 2.02 | 6.44 | 4.73 | 2.06 | 6.63 | 4.72 | 2.06 |
| | 46 | 3.86 | 3.65 | 1.88 | 4.30 | 3.67 | 1.88 | 4.45 | 3.99 | 1.88 | 4.74 | 4.01 | 1.88 | 4.89 | 4.33 | 1.88 | 5.18 | 4.31 | 1.88 | 5.33 | 4.30 | 1.88 |

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

## ● Indoor unit : 7000Btu + 7000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+7+14 | -10 | 6.36 | 4.94 | 1.16 | 7.09 | 4.97 | 1.18 | 7.33 | 5.40 | 1.18 | 7.81 | 5.43 | 1.20 | 8.05 | 5.86 | 1.20 | 8.54 | 5.84 | 1.21 | 8.78 | 5.83 | 1.22 |
| | -5 | 6.10 | 4.82 | 1.31 | 6.79 | 4.85 | 1.34 | 7.02 | 5.27 | 1.34 | 7.49 | 5.29 | 1.36 | 7.72 | 5.71 | 1.36 | 8.18 | 5.69 | 1.38 | 8.41 | 5.68 | 1.38 |
| | 0 | 5.99 | 4.77 | 1.45 | 6.67 | 4.80 | 1.47 | 6.90 | 5.22 | 1.48 | 7.36 | 5.24 | 1.50 | 7.58 | 5.66 | 1.50 | 8.04 | 5.64 | 1.52 | 8.27 | 5.63 | 1.53 |
| | 5 | 5.94 | 4.75 | 1.49 | 6.62 | 4.78 | 1.51 | 6.84 | 5.19 | 1.52 | 7.29 | 5.21 | 1.54 | 7.52 | 5.63 | 1.54 | 7.97 | 5.61 | 1.56 | 8.19 | 5.60 | 1.57 |
| | 10 | 5.99 | 4.77 | 1.51 | 6.67 | 4.80 | 1.53 | 6.90 | 5.22 | 1.54 | 7.36 | 5.24 | 1.56 | 7.58 | 5.66 | 1.56 | 8.04 | 5.64 | 1.58 | 8.27 | 5.63 | 1.59 |
| | 15 | 6.09 | 4.82 | 1.71 | 6.78 | 4.85 | 1.74 | 7.01 | 5.27 | 1.75 | 7.47 | 5.29 | 1.77 | 7.70 | 5.71 | 1.78 | 8.17 | 5.69 | 1.79 | 8.40 | 5.68 | 1.80 |
| | 20 | 6.94 | 5.20 | 1.99 | 7.73 | 5.23 | 2.02 | 8.00 | 5.68 | 2.03 | 8.52 | 5.71 | 2.06 | 8.79 | 6.16 | 2.06 | 9.31 | 6.14 | 2.06 | 9.58 | 6.13 | 2.06 |
| | 25 | 6.44 | 4.98 | 1.99 | 7.17 | 5.01 | 2.02 | 7.42 | 5.44 | 2.03 | 7.91 | 5.46 | 2.06 | 8.15 | 5.90 | 2.06 | 8.64 | 5.88 | 2.06 | 8.89 | 5.87 | 2.06 |
| | 30 | 5.83 | 4.70 | 1.99 | 6.49 | 4.73 | 2.02 | 6.72 | 5.14 | 2.03 | 7.16 | 5.16 | 2.06 | 7.38 | 5.57 | 2.06 | 7.82 | 5.55 | 2.06 | 8.04 | 5.54 | 2.06 |
| | 35 | 5.37 | 4.48 | 1.99 | 5.98 | 4.51 | 2.02 | 6.19 | 4.90 | 2.03 | 6.60 | 4.92 | 2.06 | 6.80 | 5.31 | 2.06 | 7.21 | 5.29 | 2.06 | 7.41 | 5.28 | 2.06 |
| | 40 | 4.80 | 4.20 | 1.95 | 5.35 | 4.22 | 1.98 | 5.53 | 4.59 | 1.99 | 5.90 | 4.61 | 2.01 | 6.08 | 4.98 | 2.02 | 6.44 | 4.96 | 2.06 | 6.63 | 4.95 | 2.06 |
| | 46 | 3.86 | 3.82 | 1.88 | 4.30 | 3.85 | 1.88 | 4.45 | 4.18 | 1.88 | 4.74 | 4.20 | 1.88 | 4.89 | 4.53 | 1.88 | 5.18 | 4.52 | 1.88 | 5.33 | 4.51 | 1.88 |

Outdoor temperature

## ● Indoor unit : 7000Btu + 9000Btu + 9000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+9+9 | -10 | 5.55 | 4.39 | 0.87 | 6.18 | 4.42 | 0.88 | 6.39 | 4.80 | 0.89 | 6.82 | 4.82 | 0.90 | 7.03 | 5.21 | 0.90 | 7.45 | 5.19 | 0.91 | 7.66 | 5.18 | 0.91 |
| | -5 | 5.32 | 4.29 | 0.98 | 5.93 | 4.31 | 1.00 | 6.13 | 4.69 | 1.00 | 6.53 | 4.71 | 1.02 | 6.73 | 5.08 | 1.02 | 7.14 | 5.06 | 1.03 | 7.34 | 5.05 | 1.04 |
| | 0 | 5.23 | 4.24 | 1.09 | 5.82 | 4.27 | 1.10 | 6.02 | 4.64 | 1.11 | 6.42 | 4.66 | 1.12 | 6.62 | 5.03 | 1.13 | 7.01 | 5.01 | 1.14 | 7.21 | 5.00 | 1.14 |
| | 5 | 5.18 | 4.22 | 1.11 | 5.77 | 4.25 | 1.13 | 5.97 | 4.62 | 1.14 | 6.36 | 4.63 | 1.15 | 6.56 | 5.00 | 1.16 | 6.95 | 4.98 | 1.17 | 7.15 | 4.98 | 1.17 |
| | 10 | 5.23 | 4.24 | 1.13 | 5.82 | 4.27 | 1.15 | 6.02 | 4.64 | 1.15 | 6.42 | 4.66 | 1.16 | 6.62 | 5.03 | 1.17 | 7.01 | 5.01 | 1.18 | 7.21 | 5.00 | 1.19 |
| | 15 | 5.52 | 4.38 | 1.39 | 6.15 | 4.41 | 1.42 | 6.36 | 4.79 | 1.42 | 6.78 | 4.81 | 1.44 | 6.99 | 5.19 | 1.44 | 7.41 | 5.17 | 1.46 | 7.62 | 5.16 | 1.47 |
| | 20 | 6.60 | 4.86 | 1.93 | 7.35 | 4.89 | 1.96 | 7.60 | 5.31 | 1.97 | 8.10 | 5.33 | 1.99 | 8.35 | 5.76 | 2.00 | 8.85 | 5.74 | 2.03 | 9.11 | 5.72 | 2.06 |
| | 25 | 6.39 | 4.77 | 1.99 | 7.12 | 4.80 | 2.02 | 7.36 | 5.21 | 2.03 | 7.85 | 5.24 | 2.06 | 8.09 | 5.65 | 2.06 | 8.58 | 5.63 | 2.06 | 8.82 | 5.62 | 2.06 |
| | 30 | 5.83 | 4.52 | 1.99 | 6.49 | 4.55 | 2.02 | 6.72 | 4.94 | 2.03 | 7.16 | 4.96 | 2.06 | 7.38 | 5.36 | 2.06 | 7.82 | 5.34 | 2.06 | 8.04 | 5.33 | 2.06 |
| | 35 | 5.37 | 4.31 | 1.99 | 5.98 | 4.34 | 2.02 | 6.19 | 4.71 | 2.03 | 6.60 | 4.73 | 2.06 | 6.80 | 5.11 | 2.06 | 7.21 | 5.09 | 2.06 | 7.41 | 5.08 | 2.06 |
| | 40 | 4.80 | 4.04 | 1.95 | 5.35 | 4.07 | 1.98 | 5.53 | 4.42 | 1.99 | 5.90 | 4.43 | 2.01 | 6.08 | 4.79 | 2.02 | 6.44 | 4.77 | 2.06 | 6.63 | 4.76 | 2.06 |
| | 46 | 3.86 | 3.68 | 1.88 | 4.30 | 3.70 | 1.88 | 4.45 | 4.02 | 1.88 | 4.74 | 4.04 | 1.88 | 4.89 | 4.36 | 1.88 | 5.18 | 4.34 | 1.88 | 5.33 | 4.34 | 1.88 |

Outdoor temperature

## ● Indoor unit : 7000Btu + 9000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+9+12 | -10 | 6.02 | 4.66 | 1.03 | 6.71 | 4.69 | 1.05 | 6.94 | 5.10 | 1.05 | 7.39 | 5.12 | 1.06 | 7.62 | 5.53 | 1.07 | 8.08 | 5.51 | 1.08 | 8.31 | 5.50 | 1.09 |
| | -5 | 5.77 | 4.55 | 1.17 | 6.43 | 4.58 | 1.19 | 6.65 | 4.98 | 1.19 | 7.09 | 5.00 | 1.21 | 7.31 | 5.39 | 1.21 | 7.74 | 5.37 | 1.22 | 7.96 | 5.36 | 1.23 |
| | 0 | 5.67 | 4.50 | 1.29 | 6.32 | 4.53 | 1.31 | 6.53 | 4.93 | 1.32 | 6.96 | 4.94 | 1.33 | 7.18 | 5.34 | 1.34 | 7.61 | 5.32 | 1.35 | 7.82 | 5.31 | 1.36 |
| | 5 | 5.62 | 4.48 | 1.32 | 6.26 | 4.51 | 1.35 | 6.47 | 4.90 | 1.35 | 6.90 | 4.92 | 1.37 | 7.11 | 5.31 | 1.37 | 7.54 | 5.29 | 1.39 | 7.75 | 5.28 | 1.39 |
| | 10 | 5.67 | 4.50 | 1.34 | 6.32 | 4.53 | 1.36 | 6.53 | 4.93 | 1.37 | 6.96 | 4.94 | 1.38 | 7.18 | 5.34 | 1.39 | 7.61 | 5.32 | 1.40 | 7.82 | 5.31 | 1.41 |
| | 15 | 5.83 | 4.58 | 1.57 | 6.50 | 4.61 | 1.59 | 6.72 | 5.01 | 1.60 | 7.16 | 5.03 | 1.61 | 7.38 | 5.43 | 1.62 | 7.83 | 5.41 | 1.64 | 8.05 | 5.40 | 1.65 |
| | 20 | 6.94 | 5.06 | 1.99 | 7.73 | 5.10 | 2.02 | 8.00 | 5.54 | 2.03 | 8.52 | 5.56 | 2.06 | 8.79 | 6.00 | 2.06 | 9.31 | 5.98 | 2.06 | 9.58 | 5.97 | 2.06 |
| | 25 | 6.44 | 4.85 | 1.99 | 7.17 | 4.88 | 2.02 | 7.42 | 5.30 | 2.03 | 7.91 | 5.32 | 2.06 | 8.15 | 5.75 | 2.06 | 8.64 | 5.73 | 2.06 | 8.89 | 5.72 | 2.06 |
| | 30 | 5.83 | 4.58 | 1.99 | 6.49 | 4.61 | 2.02 | 6.72 | 5.01 | 2.03 | 7.16 | 5.03 | 2.06 | 7.38 | 5.42 | 2.06 | 7.82 | 5.40 | 2.06 | 8.04 | 5.40 | 2.06 |
| | 35 | 5.37 | 4.36 | 1.99 | 5.98 | 4.39 | 2.02 | 6.19 | 4.77 | 2.03 | 6.60 | 4.79 | 2.06 | 6.80 | 5.17 | 2.06 | 7.21 | 5.15 | 2.06 | 7.41 | 5.14 | 2.06 |
| | 40 | 4.80 | 4.09 | 1.95 | 5.35 | 4.12 | 1.98 | 5.53 | 4.47 | 1.99 | 5.90 | 4.49 | 2.01 | 6.08 | 4.85 | 2.02 | 6.44 | 4.83 | 2.06 | 6.63 | 4.82 | 2.06 |
| | 46 | 3.86 | 3.73 | 1.88 | 4.30 | 3.75 | 1.88 | 4.45 | 4.07 | 1.88 | 4.74 | 4.09 | 1.88 | 4.89 | 4.42 | 1.88 | 5.18 | 4.40 | 1.88 | 5.33 | 4.39 | 1.88 |

Outdoor temperature

## ● Indoor unit : 7000Btu + 9000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+9+14 | -10 | 6.36 | 5.03 | 1.16 | 7.09 | 5.06 | 1.18 | 7.33 | 5.50 | 1.18 | 7.81 | 5.52 | 1.20 | 8.05 | 5.96 | 1.20 | 8.54 | 5.94 | 1.21 | 8.78 | 5.93 | 1.22 |
| | -5 | 6.10 | 4.91 | 1.31 | 6.79 | 4.94 | 1.34 | 7.02 | 5.37 | 1.34 | 7.49 | 5.39 | 1.36 | 7.72 | 5.82 | 1.36 | 8.18 | 5.80 | 1.38 | 8.41 | 5.79 | 1.38 |
| | 0 | 5.99 | 4.86 | 1.45 | 6.67 | 4.89 | 1.47 | 6.90 | 5.31 | 1.48 | 7.36 | 5.33 | 1.50 | 7.58 | 5.76 | 1.50 | 8.04 | 5.74 | 1.52 | 8.27 | 5.73 | 1.53 |
| | 5 | 5.94 | 4.83 | 1.49 | 6.62 | 4.86 | 1.51 | 6.84 | 5.29 | 1.52 | 7.29 | 5.31 | 1.54 | 7.52 | 5.73 | 1.54 | 7.97 | 5.71 | 1.56 | 8.19 | 5.70 | 1.57 |
| | 10 | 5.99 | 4.86 | 1.51 | 6.67 | 4.89 | 1.53 | 6.90 | 5.31 | 1.54 | 7.36 | 5.33 | 1.56 | 7.58 | 5.76 | 1.56 | 8.04 | 5.74 | 1.58 | 8.27 | 5.73 | 1.59 |
| | 15 | 6.48 | 5.09 | 1.99 | 7.22 | 5.12 | 2.02 | 7.47 | 5.56 | 2.03 | 7.96 | 5.58 | 2.06 | 8.20 | 6.03 | 2.06 | 8.70 | 6.01 | 2.06 | 8.94 | 5.99 | 2.06 |
| | 20 | 6.94 | 5.29 | 1.99 | 7.73 | 5.33 | 2.02 | 8.00 | 5.79 | 2.03 | 8.52 | 5.81 | 2.06 | 8.79 | 6.27 | 2.06 | 9.31 | 6.25 | 2.06 | 9.58 | 6.24 | 2.06 |
| | 25 | 6.44 | 5.07 | 1.99 | 7.17 | 5.10 | 2.02 | 7.42 | 5.54 | 2.03 | 7.91 | 5.56 | 2.06 | 8.15 | 6.00 | 2.06 | 8.64 | 5.98 | 2.06 | 8.89 | 5.97 | 2.06 |
| | 30 | 5.83 | 4.78 | 1.99 | 6.49 | 4.81 | 2.02 | 6.72 | 5.23 | 2.03 | 7.16 | 5.25 | 2.06 | 7.38 | 5.67 | 2.06 | 7.82 | 5.65 | 2.06 | 8.04 | 5.64 | 2.06 |
| | 35 | 5.37 | 4.56 | 1.99 | 5.98 | 4.59 | 2.02 | 6.19 | 4.99 | 2.03 | 6.60 | 5.01 | 2.06 | 6.80 | 5.40 | 2.06 | 7.21 | 5.39 | 2.06 | 7.41 | 5.38 | 2.06 |
| | 40 | 4.80 | 4.27 | 1.95 | 5.35 | 4.30 | 1.98 | 5.53 | 4.67 | 1.99 | 5.90 | 4.69 | 2.01 | 6.08 | 5.06 | 2.02 | 6.44 | 5.05 | 2.06 | 6.63 | 5.04 | 2.06 |
| | 46 | 3.86 | 3.86 | 1.88 | 4.30 | 3.92 | 1.88 | 4.45 | 4.26 | 1.88 | 4.74 | 4.27 | 1.88 | 4.89 | 4.61 | 1.88 | 5.18 | 4.60 | 1.88 | 5.33 | 4.59 | 1.88 |

Outdoor temperature

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO*G18-24L3

## ● Indoor unit : 9000Btu + 9000Btu + 9000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 9+9+9 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | -10 | 5.67 | 4.53 | 0.91 | 6.32 | 4.56 | 0.92 | 6.53 | 4.95 | 0.93 | 6.96 | 4.97 | 0.94 | 7.18 | 5.37 | 0.94 | 7.61 | 5.35 | 0.95 | 7.82 | 5.34 | 0.96 |
| | -5 | 5.43 | 4.42 | 1.03 | 6.05 | 4.45 | 1.05 | 6.26 | 4.83 | 1.05 | 6.67 | 4.85 | 1.06 | 6.88 | 5.24 | 1.07 | 7.29 | 5.22 | 1.08 | 7.50 | 5.21 | 1.08 |
| | 0 | 5.34 | 4.37 | 1.14 | 5.95 | 4.40 | 1.15 | 6.15 | 4.78 | 1.16 | 6.56 | 4.80 | 1.17 | 6.76 | 5.18 | 1.18 | 7.17 | 5.16 | 1.19 | 7.37 | 5.16 | 1.19 |
| | 5 | 5.29 | 4.35 | 1.17 | 5.90 | 4.38 | 1.18 | 6.10 | 4.76 | 1.19 | 6.50 | 4.78 | 1.20 | 6.70 | 5.16 | 1.21 | 7.10 | 5.14 | 1.22 | 7.30 | 5.13 | 1.23 |
| | 10 | 5.34 | 4.37 | 1.18 | 5.95 | 4.40 | 1.20 | 6.15 | 4.78 | 1.21 | 6.56 | 4.80 | 1.22 | 6.76 | 5.18 | 1.22 | 7.17 | 5.16 | 1.24 | 7.37 | 5.16 | 1.24 |
| | 15 | 5.83 | 4.60 | 1.57 | 6.50 | 4.63 | 1.59 | 6.72 | 5.03 | 1.60 | 7.16 | 5.05 | 1.61 | 7.38 | 5.46 | 1.62 | 7.83 | 5.44 | 1.64 | 8.05 | 5.43 | 1.65 |
| | 20 | 6.70 | 4.99 | 1.99 | 7.46 | 5.02 | 2.02 | 7.72 | 5.46 | 2.03 | 8.22 | 5.48 | 2.06 | 8.48 | 5.91 | 2.06 | 8.99 | 5.89 | 2.06 | 9.24 | 5.88 | 2.06 |
| | 25 | 6.44 | 4.88 | 1.99 | 7.17 | 4.91 | 2.02 | 7.42 | 5.33 | 2.03 | 7.91 | 5.35 | 2.06 | 8.15 | 5.78 | 2.06 | 8.64 | 5.76 | 2.06 | 8.89 | 5.75 | 2.06 |
| | 30 | 5.83 | 4.60 | 1.99 | 6.49 | 4.63 | 2.02 | 6.72 | 5.03 | 2.03 | 7.16 | 5.05 | 2.06 | 7.38 | 5.45 | 2.06 | 7.82 | 5.43 | 2.06 | 8.04 | 5.43 | 2.06 |
| | 35 | 5.37 | 4.39 | 1.99 | 5.98 | 4.42 | 2.02 | 6.19 | 4.80 | 2.03 | 6.60 | 4.82 | 2.06 | 6.80 | 5.20 | 2.06 | 7.21 | 5.18 | 2.06 | 7.41 | 5.17 | 2.06 |
| | 40 | 4.80 | 4.11 | 1.95 | 5.35 | 4.14 | 1.98 | 5.53 | 4.50 | 1.99 | 5.90 | 4.52 | 2.01 | 6.08 | 4.87 | 2.02 | 6.44 | 4.86 | 2.06 | 6.63 | 4.85 | 2.06 |
| | 46 | 3.86 | 3.75 | 1.88 | 4.30 | 3.77 | 1.88 | 4.45 | 4.10 | 1.88 | 4.74 | 4.11 | 1.88 | 4.89 | 4.44 | 1.88 | 5.18 | 4.42 | 1.88 | 5.33 | 4.42 | 1.88 |

## ● Indoor unit : 9000Btu + 9000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 9+9+12 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | -10 | 6.02 | 4.75 | 1.03 | 6.71 | 4.78 | 1.05 | 6.94 | 5.19 | 1.05 | 7.39 | 5.21 | 1.06 | 7.62 | 5.63 | 1.07 | 8.08 | 5.61 | 1.08 | 8.31 | 5.60 | 1.09 |
| | -5 | 5.77 | 4.63 | 1.17 | 6.43 | 4.66 | 1.19 | 6.65 | 5.07 | 1.19 | 7.09 | 5.09 | 1.21 | 7.31 | 5.49 | 1.21 | 7.74 | 5.47 | 1.22 | 7.96 | 5.46 | 1.23 |
| | 0 | 5.67 | 4.59 | 1.29 | 6.32 | 4.61 | 1.31 | 6.53 | 5.01 | 1.32 | 6.96 | 5.03 | 1.33 | 7.18 | 5.43 | 1.34 | 7.61 | 5.41 | 1.35 | 7.82 | 5.40 | 1.36 |
| | 5 | 5.62 | 4.56 | 1.32 | 6.26 | 4.59 | 1.35 | 6.47 | 4.99 | 1.35 | 6.90 | 5.01 | 1.37 | 7.11 | 5.41 | 1.37 | 7.54 | 5.39 | 1.39 | 7.75 | 5.38 | 1.39 |
| | 10 | 5.67 | 4.59 | 1.34 | 6.32 | 4.61 | 1.36 | 6.53 | 5.01 | 1.37 | 6.96 | 5.03 | 1.38 | 7.18 | 5.43 | 1.39 | 7.61 | 5.41 | 1.40 | 7.82 | 5.40 | 1.41 |
| | 15 | 6.09 | 4.78 | 1.71 | 6.78 | 4.81 | 1.74 | 7.01 | 5.22 | 1.75 | 7.47 | 5.25 | 1.77 | 7.70 | 5.66 | 1.78 | 8.17 | 5.64 | 1.79 | 8.40 | 5.63 | 1.80 |
| | 20 | 6.94 | 5.16 | 1.99 | 7.73 | 5.19 | 2.02 | 8.00 | 5.64 | 2.03 | 8.52 | 5.66 | 2.06 | 8.79 | 6.11 | 2.06 | 9.31 | 6.09 | 2.06 | 9.58 | 6.08 | 2.06 |
| | 25 | 6.44 | 4.94 | 1.99 | 7.17 | 4.97 | 2.02 | 7.42 | 5.40 | 2.03 | 7.91 | 5.42 | 2.06 | 8.15 | 5.85 | 2.06 | 8.64 | 5.83 | 2.06 | 8.89 | 5.82 | 2.06 |
| | 30 | 5.83 | 4.66 | 1.99 | 6.49 | 4.69 | 2.02 | 6.72 | 5.10 | 2.03 | 7.16 | 5.12 | 2.06 | 7.38 | 5.52 | 2.06 | 7.82 | 5.50 | 2.06 | 8.04 | 5.49 | 2.06 |
| | 35 | 5.37 | 4.44 | 1.99 | 5.98 | 4.47 | 2.02 | 6.19 | 4.86 | 2.03 | 6.60 | 4.88 | 2.06 | 6.80 | 5.27 | 2.06 | 7.21 | 5.25 | 2.06 | 7.41 | 5.24 | 2.06 |
| | 40 | 4.80 | 4.16 | 1.95 | 5.35 | 4.19 | 1.98 | 5.53 | 4.55 | 1.99 | 5.90 | 4.57 | 2.01 | 6.08 | 4.94 | 2.02 | 6.44 | 4.92 | 2.06 | 6.63 | 4.91 | 2.06 |
| | 46 | 3.86 | 3.79 | 1.88 | 4.30 | 3.82 | 1.88 | 4.45 | 4.15 | 1.88 | 4.74 | 4.16 | 1.88 | 4.89 | 4.49 | 1.88 | 5.18 | 4.48 | 1.88 | 5.33 | 4.47 | 1.88 |

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

Note: 2 or more indoor units should be connected.

# ■MODEL: AO∗G24L3

## ●Indoor unit : 7000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| Outdoor temperature | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7 | -10 | 2.17 | 1.64 | 0.31 | 2.42 | 1.65 | 0.31 | 2.50 | 1.80 | 0.31 | 2.66 | 1.80 | 0.31 | 2.74 | 1.95 | 0.32 | 2.91 | 1.94 | 0.32 | 2.99 | 1.94 | 0.32 |
| | -5 | 2.08 | 1.60 | 0.35 | 2.31 | 1.61 | 0.35 | 2.39 | 1.75 | 0.35 | 2.55 | 1.76 | 0.36 | 2.63 | 1.90 | 0.36 | 2.79 | 1.89 | 0.36 | 2.87 | 1.89 | 0.36 |
| | 0 | 2.04 | 1.59 | 0.38 | 2.27 | 1.60 | 0.39 | 2.35 | 1.74 | 0.39 | 2.51 | 1.74 | 0.39 | 2.58 | 1.88 | 0.40 | 2.74 | 1.87 | 0.40 | 2.82 | 1.87 | 0.40 |
| | 5 | 2.02 | 1.58 | 0.39 | 2.25 | 1.59 | 0.40 | 2.33 | 1.73 | 0.40 | 2.48 | 1.73 | 0.40 | 2.56 | 1.87 | 0.41 | 2.72 | 1.86 | 0.41 | 2.79 | 1.86 | 0.41 |
| | 10 | 2.04 | 1.59 | 0.40 | 2.27 | 1.60 | 0.40 | 2.35 | 1.74 | 0.41 | 2.51 | 1.74 | 0.41 | 2.58 | 1.88 | 0.41 | 2.74 | 1.87 | 0.42 | 2.82 | 1.87 | 0.42 |
| | 15 | 1.99 | 1.56 | 0.41 | 2.21 | 1.57 | 0.42 | 2.29 | 1.71 | 0.42 | 2.44 | 1.72 | 0.43 | 2.52 | 1.85 | 0.43 | 2.67 | 1.85 | 0.43 | 2.74 | 1.84 | 0.43 |
| | 20 | 2.12 | 1.62 | 0.45 | 2.36 | 1.63 | 0.46 | 2.44 | 1.77 | 0.46 | 2.60 | 1.78 | 0.46 | 2.68 | 1.92 | 0.46 | 2.84 | 1.91 | 0.47 | 2.92 | 1.91 | 0.47 |
| | 25 | 2.05 | 1.59 | 0.45 | 2.29 | 1.60 | 0.46 | 2.36 | 1.74 | 0.46 | 2.52 | 1.75 | 0.47 | 2.60 | 1.89 | 0.47 | 2.75 | 1.88 | 0.48 | 2.83 | 1.88 | 0.48 |
| | 30 | 1.95 | 1.54 | 0.50 | 2.17 | 1.55 | 0.51 | 2.24 | 1.69 | 0.51 | 2.39 | 1.69 | 0.51 | 2.46 | 1.83 | 0.52 | 2.61 | 1.82 | 0.52 | 2.68 | 1.82 | 0.52 |
| | 35 | 2.13 | 1.63 | 0.72 | 2.38 | 1.64 | 0.74 | 2.46 | 1.78 | 0.74 | 2.62 | 1.79 | 0.75 | 2.70 | 1.93 | 0.75 | 2.86 | 1.92 | 0.76 | 2.94 | 1.92 | 0.76 |
| | 40 | 2.07 | 1.60 | 0.80 | 2.31 | 1.61 | 0.82 | 2.39 | 1.75 | 0.82 | 2.54 | 1.76 | 0.83 | 2.62 | 1.90 | 0.83 | 2.78 | 1.89 | 0.84 | 2.86 | 1.89 | 0.84 |
| | 46 | 1.91 | 1.54 | 0.91 | 2.13 | 1.55 | 0.93 | 2.20 | 1.69 | 0.93 | 2.35 | 1.70 | 0.94 | 2.42 | 1.83 | 0.95 | 2.56 | 1.82 | 0.95 | 2.64 | 1.82 | 0.96 |

## ●Indoor unit : 9000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| Outdoor temperature | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 9 | -10 | 2.19 | 1.73 | 0.30 | 2.44 | 1.74 | 0.30 | 2.52 | 1.89 | 0.30 | 2.69 | 1.90 | 0.31 | 2.77 | 2.05 | 0.31 | 2.94 | 2.05 | 0.31 | 3.02 | 2.04 | 0.31 |
| | -5 | 2.10 | 1.69 | 0.34 | 2.34 | 1.70 | 0.34 | 2.42 | 1.85 | 0.34 | 2.58 | 1.86 | 0.35 | 2.66 | 2.00 | 0.35 | 2.82 | 2.00 | 0.35 | 2.90 | 1.99 | 0.35 |
| | 0 | 2.06 | 1.67 | 0.37 | 2.30 | 1.68 | 0.38 | 2.38 | 1.83 | 0.38 | 2.53 | 1.84 | 0.38 | 2.61 | 1.98 | 0.38 | 2.77 | 1.98 | 0.39 | 2.85 | 1.97 | 0.39 |
| | 5 | 2.05 | 1.66 | 0.38 | 2.28 | 1.67 | 0.39 | 2.36 | 1.82 | 0.39 | 2.51 | 1.83 | 0.39 | 2.59 | 1.97 | 0.39 | 2.75 | 1.97 | 0.40 | 2.82 | 1.96 | 0.40 |
| | 10 | 2.06 | 1.67 | 0.39 | 2.30 | 1.68 | 0.39 | 2.38 | 1.83 | 0.39 | 2.53 | 1.84 | 0.40 | 2.61 | 1.98 | 0.40 | 2.77 | 1.98 | 0.40 | 2.85 | 1.97 | 0.41 |
| | 15 | 2.10 | 1.69 | 0.44 | 2.34 | 1.70 | 0.45 | 2.42 | 1.85 | 0.45 | 2.58 | 1.86 | 0.45 | 2.66 | 2.00 | 0.46 | 2.82 | 2.00 | 0.46 | 2.90 | 1.99 | 0.46 |
| | 20 | 2.41 | 1.83 | 0.56 | 2.69 | 1.84 | 0.57 | 2.78 | 2.00 | 0.57 | 2.97 | 2.01 | 0.58 | 3.06 | 2.17 | 0.58 | 3.24 | 2.16 | 0.59 | 3.33 | 2.16 | 0.59 |
| | 25 | 2.34 | 1.80 | 0.57 | 2.61 | 1.81 | 0.58 | 2.69 | 1.97 | 0.58 | 2.87 | 1.97 | 0.59 | 2.96 | 2.13 | 0.59 | 3.14 | 2.12 | 0.60 | 3.23 | 2.12 | 0.60 |
| | 30 | 2.22 | 1.74 | 0.63 | 2.47 | 1.75 | 0.64 | 2.55 | 1.91 | 0.64 | 2.72 | 1.91 | 0.65 | 2.81 | 2.07 | 0.65 | 2.98 | 2.06 | 0.65 | 3.06 | 2.06 | 0.66 |
| | 35 | 2.61 | 1.92 | 1.05 | 2.90 | 1.93 | 1.07 | 3.00 | 2.09 | 1.07 | 3.20 | 2.10 | 1.08 | 3.30 | 2.27 | 1.09 | 3.50 | 2.26 | 1.10 | 3.60 | 2.26 | 1.11 |
| | 40 | 2.47 | 1.86 | 1.17 | 2.75 | 1.87 | 1.19 | 2.85 | 2.03 | 1.19 | 3.04 | 2.04 | 1.20 | 3.13 | 2.20 | 1.21 | 3.32 | 2.19 | 1.22 | 3.41 | 2.19 | 1.23 |
| | 46 | 2.29 | 1.80 | 1.33 | 2.56 | 1.81 | 1.35 | 2.64 | 1.97 | 1.35 | 2.82 | 1.98 | 1.37 | 2.90 | 2.13 | 1.37 | 3.08 | 2.13 | 1.39 | 3.17 | 2.12 | 1.39 |

## ●Indoor unit : 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| Outdoor temperature | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 12 | -10 | 2.75 | 2.08 | 0.40 | 3.07 | 2.10 | 0.40 | 3.17 | 2.28 | 0.41 | 3.38 | 2.29 | 0.41 | 3.48 | 2.47 | 0.41 | 3.69 | 2.46 | 0.42 | 3.80 | 2.45 | 0.42 |
| | -5 | 2.64 | 2.03 | 0.45 | 2.94 | 2.04 | 0.46 | 3.04 | 2.22 | 0.46 | 3.24 | 2.23 | 0.46 | 3.34 | 2.41 | 0.47 | 3.54 | 2.40 | 0.47 | 3.64 | 2.39 | 0.47 |
| | 0 | 2.59 | 2.01 | 0.50 | 2.89 | 2.02 | 0.51 | 2.98 | 2.20 | 0.51 | 3.18 | 2.21 | 0.51 | 3.28 | 2.38 | 0.52 | 3.48 | 2.37 | 0.52 | 3.58 | 2.37 | 0.52 |
| | 5 | 2.57 | 2.00 | 0.51 | 2.86 | 2.01 | 0.52 | 2.96 | 2.19 | 0.52 | 3.15 | 2.20 | 0.53 | 3.25 | 2.37 | 0.53 | 3.45 | 2.36 | 0.53 | 3.54 | 2.36 | 0.54 |
| | 10 | 2.59 | 2.01 | 0.52 | 2.89 | 2.02 | 0.53 | 2.98 | 2.20 | 0.53 | 3.18 | 2.21 | 0.53 | 3.28 | 2.38 | 0.54 | 3.48 | 2.37 | 0.54 | 3.58 | 2.37 | 0.54 |
| | 15 | 2.52 | 1.98 | 0.54 | 2.81 | 1.99 | 0.55 | 2.91 | 2.16 | 0.55 | 3.10 | 2.17 | 0.55 | 3.19 | 2.35 | 0.56 | 3.38 | 2.34 | 0.56 | 3.48 | 2.33 | 0.57 |
| | 20 | 3.11 | 2.23 | 0.79 | 3.46 | 2.25 | 0.81 | 3.58 | 2.44 | 0.81 | 3.81 | 2.45 | 0.82 | 3.93 | 2.65 | 0.82 | 4.17 | 2.64 | 0.83 | 4.28 | 2.63 | 0.83 |
| | 25 | 3.01 | 2.19 | 0.80 | 3.35 | 2.21 | 0.82 | 3.47 | 2.40 | 0.82 | 3.69 | 2.41 | 0.83 | 3.81 | 2.60 | 0.83 | 4.04 | 2.59 | 0.84 | 4.15 | 2.58 | 0.85 |
| | 30 | 2.85 | 2.13 | 0.88 | 3.18 | 2.14 | 0.90 | 3.28 | 2.32 | 0.90 | 3.50 | 2.33 | 0.91 | 3.61 | 2.52 | 0.91 | 3.83 | 2.51 | 0.92 | 3.93 | 2.51 | 0.93 |
| | 35 | 2.92 | 2.16 | 1.11 | 3.26 | 2.17 | 1.13 | 3.37 | 2.36 | 1.13 | 3.59 | 2.37 | 1.14 | 3.70 | 2.56 | 1.15 | 3.92 | 2.55 | 1.16 | 4.03 | 2.54 | 1.17 |
| | 40 | 2.77 | 2.09 | 1.23 | 3.09 | 2.10 | 1.25 | 3.19 | 2.29 | 1.26 | 3.40 | 2.30 | 1.27 | 3.51 | 2.48 | 1.28 | 3.72 | 2.47 | 1.29 | 3.82 | 2.46 | 1.30 |
| | 46 | 2.57 | 2.03 | 1.40 | 2.87 | 2.04 | 1.42 | 2.96 | 2.22 | 1.43 | 3.16 | 2.23 | 1.44 | 3.26 | 2.40 | 1.45 | 3.45 | 2.39 | 1.46 | 3.55 | 2.39 | 1.47 |

## ●Indoor unit : 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| Outdoor temperature | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 14 | -10 | 3.88 | 2.88 | 0.58 | 4.33 | 2.89 | 0.59 | 4.47 | 3.15 | 0.60 | 4.77 | 3.16 | 0.60 | 4.92 | 3.41 | 0.60 | 5.21 | 3.40 | 0.61 | 5.36 | 3.39 | 0.61 |
| | -5 | 3.72 | 2.81 | 0.66 | 4.15 | 2.82 | 0.67 | 4.29 | 3.07 | 0.68 | 4.57 | 3.08 | 0.68 | 4.71 | 3.33 | 0.69 | 5.00 | 3.31 | 0.69 | 5.14 | 3.31 | 0.70 |
| | 0 | 3.66 | 2.78 | 0.73 | 4.07 | 2.80 | 0.74 | 4.21 | 3.04 | 0.74 | 4.49 | 3.05 | 0.75 | 4.63 | 3.29 | 0.76 | 4.91 | 3.28 | 0.76 | 5.05 | 3.27 | 0.77 |
| | 5 | 3.63 | 2.76 | 0.75 | 4.04 | 2.78 | 0.76 | 4.18 | 3.02 | 0.76 | 4.45 | 3.03 | 0.77 | 4.59 | 3.27 | 0.78 | 4.86 | 3.26 | 0.78 | 5.00 | 3.26 | 0.79 |
| | 10 | 3.66 | 2.78 | 0.76 | 4.07 | 2.80 | 0.77 | 4.21 | 3.04 | 0.77 | 4.49 | 3.05 | 0.78 | 4.63 | 3.29 | 0.79 | 4.91 | 3.28 | 0.79 | 5.05 | 3.27 | 0.80 |
| | 15 | 3.66 | 2.78 | 0.83 | 4.07 | 2.80 | 0.85 | 4.21 | 3.04 | 0.85 | 4.49 | 3.05 | 0.86 | 4.63 | 3.29 | 0.86 | 4.91 | 3.28 | 0.87 | 5.05 | 3.27 | 0.88 |
| | 20 | 3.82 | 2.85 | 0.87 | 4.26 | 2.87 | 0.88 | 4.40 | 3.12 | 0.89 | 4.69 | 3.13 | 0.90 | 4.84 | 3.38 | 0.90 | 5.13 | 3.36 | 0.91 | 5.27 | 3.36 | 0.92 |
| | 25 | 3.70 | 2.80 | 0.88 | 4.12 | 2.81 | 0.90 | 4.27 | 3.06 | 0.90 | 4.55 | 3.07 | 0.91 | 4.69 | 3.31 | 0.91 | 4.97 | 3.30 | 0.92 | 5.11 | 3.30 | 0.93 |
| | 30 | 3.51 | 2.71 | 0.97 | 3.91 | 2.73 | 0.98 | 4.04 | 2.97 | 0.99 | 4.31 | 2.98 | 1.00 | 4.44 | 3.21 | 1.00 | 4.71 | 3.20 | 1.01 | 4.84 | 3.20 | 1.02 |
| | 35 | 3.79 | 2.84 | 1.36 | 4.22 | 2.85 | 1.38 | 4.37 | 3.10 | 1.39 | 4.66 | 3.11 | 1.40 | 4.80 | 3.36 | 1.41 | 5.09 | 3.35 | 1.42 | 5.23 | 3.34 | 1.43 |
| | 40 | 3.60 | 2.75 | 1.51 | 4.01 | 2.77 | 1.53 | 4.14 | 3.01 | 1.54 | 4.42 | 3.02 | 1.56 | 4.55 | 3.26 | 1.57 | 4.82 | 3.25 | 1.58 | 4.96 | 3.24 | 1.59 |
| | 46 | 3.26 | 2.64 | 1.64 | 3.63 | 2.65 | 1.67 | 3.75 | 2.88 | 1.68 | 4.00 | 2.89 | 1.69 | 4.12 | 3.12 | 1.70 | 4.37 | 3.11 | 1.72 | 4.49 | 3.11 | 1.73 |

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

Note: 2 or more indoor units should be connected.

## ●Indoor unit : 18000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 18 | -10 | 4.17 | 3.04 | 0.68 | 4.64 | 3.06 | 0.69 | 4.80 | 3.32 | 0.69 | 5.12 | 3.33 | 0.70 | 5.28 | 3.60 | 0.70 | 5.59 | 3.59 | 0.71 | 5.75 | 3.58 | 0.71 |
| | -5 | 4.00 | 2.96 | 0.77 | 4.45 | 2.98 | 0.78 | 4.60 | 3.24 | 0.79 | 4.91 | 3.25 | 0.79 | 5.06 | 3.51 | 0.80 | 5.36 | 3.50 | 0.81 | 5.51 | 3.49 | 0.81 |
| | 0 | 3.93 | 2.93 | 0.85 | 4.37 | 2.95 | 0.86 | 4.52 | 3.21 | 0.87 | 4.82 | 3.22 | 0.88 | 4.97 | 3.47 | 0.88 | 5.27 | 3.46 | 0.89 | 5.42 | 3.46 | 0.89 |
| | 5 | 3.89 | 2.92 | 0.87 | 4.33 | 2.94 | 0.89 | 4.48 | 3.19 | 0.89 | 4.78 | 3.20 | 0.90 | 4.93 | 3.46 | 0.90 | 5.22 | 3.44 | 0.91 | 5.37 | 3.44 | 0.92 |
| | 10 | 3.93 | 2.93 | 0.88 | 4.37 | 2.95 | 0.90 | 4.52 | 3.21 | 0.90 | 4.82 | 3.22 | 0.91 | 4.97 | 3.47 | 0.92 | 5.27 | 3.46 | 0.92 | 5.42 | 3.46 | 0.93 |
| | 15 | 4.06 | 2.99 | 1.04 | 4.52 | 3.01 | 1.06 | 4.68 | 3.27 | 1.06 | 4.99 | 3.28 | 1.08 | 5.14 | 3.54 | 1.08 | 5.45 | 3.53 | 1.09 | 5.60 | 3.52 | 1.10 |
| | 20 | 4.42 | 3.14 | 1.19 | 4.92 | 3.16 | 1.20 | 5.09 | 3.43 | 1.21 | 5.42 | 3.45 | 1.22 | 5.59 | 3.72 | 1.23 | 5.93 | 3.71 | 1.24 | 6.09 | 3.70 | 1.25 |
| | 25 | 4.28 | 3.08 | 1.20 | 4.77 | 3.10 | 1.22 | 4.93 | 3.37 | 1.23 | 5.25 | 3.38 | 1.24 | 5.42 | 3.65 | 1.24 | 5.74 | 3.64 | 1.26 | 5.90 | 3.63 | 1.26 |
| | 30 | 4.06 | 2.99 | 1.32 | 4.52 | 3.01 | 1.34 | 4.67 | 3.27 | 1.35 | 4.98 | 3.28 | 1.36 | 5.13 | 3.54 | 1.37 | 5.44 | 3.53 | 1.38 | 5.60 | 3.52 | 1.39 |
| | 35 | 4.42 | 3.14 | 1.89 | 4.93 | 3.16 | 1.92 | 5.10 | 3.44 | 1.93 | 5.43 | 3.45 | 1.95 | 5.60 | 3.72 | 1.96 | 5.94 | 3.71 | 1.98 | 6.10 | 3.70 | 1.99 |
| | 40 | 4.20 | 3.05 | 2.10 | 4.67 | 3.07 | 2.13 | 4.83 | 3.33 | 2.14 | 5.15 | 3.35 | 2.16 | 5.31 | 3.61 | 2.18 | 5.63 | 3.60 | 2.20 | 5.79 | 3.59 | 2.21 |
| | 46 | 3.34 | 2.75 | 1.88 | 3.72 | 2.76 | 1.88 | 3.85 | 3.00 | 1.88 | 4.10 | 3.01 | 1.88 | 4.23 | 3.25 | 1.88 | 4.48 | 3.24 | 1.88 | 4.61 | 3.24 | 1.88 |

Outdoor temperature

## ●Indoor unit : 7000Btu + 7000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+7 | -10 | 3.69 | 2.84 | 0.48 | 4.11 | 2.86 | 0.48 | 4.25 | 3.11 | 0.49 | 4.53 | 3.12 | 0.49 | 4.67 | 3.37 | 0.49 | 4.95 | 3.36 | 0.50 | 5.09 | 3.35 | 0.50 |
| | -5 | 3.54 | 2.78 | 0.54 | 3.94 | 2.79 | 0.55 | 4.07 | 3.04 | 0.55 | 4.34 | 3.05 | 0.56 | 4.48 | 3.29 | 0.56 | 4.74 | 3.28 | 0.57 | 4.88 | 3.27 | 0.57 |
| | 0 | 3.47 | 2.75 | 0.60 | 3.87 | 2.76 | 0.60 | 4.00 | 3.00 | 0.61 | 4.27 | 3.02 | 0.61 | 4.40 | 3.26 | 0.62 | 4.66 | 3.24 | 0.62 | 4.79 | 3.24 | 0.63 |
| | 5 | 3.44 | 2.73 | 0.61 | 3.84 | 2.75 | 0.62 | 3.97 | 2.99 | 0.62 | 4.23 | 3.00 | 0.63 | 4.36 | 3.24 | 0.63 | 4.62 | 3.23 | 0.64 | 4.75 | 3.22 | 0.64 |
| | 10 | 3.47 | 2.75 | 0.62 | 3.87 | 2.76 | 0.63 | 4.00 | 3.00 | 0.63 | 4.27 | 3.02 | 0.64 | 4.40 | 3.26 | 0.64 | 4.66 | 3.24 | 0.65 | 4.79 | 3.24 | 0.65 |
| | 15 | 3.38 | 2.70 | 0.64 | 3.77 | 2.72 | 0.65 | 3.90 | 2.96 | 0.66 | 4.15 | 2.97 | 0.66 | 4.28 | 3.21 | 0.67 | 4.54 | 3.19 | 0.67 | 4.67 | 3.19 | 0.68 |
| | 20 | 4.16 | 3.05 | 0.95 | 4.64 | 3.07 | 0.97 | 4.80 | 3.34 | 0.97 | 5.11 | 3.35 | 0.98 | 5.27 | 3.62 | 0.98 | 5.59 | 3.60 | 0.99 | 5.75 | 3.60 | 1.00 |
| | 25 | 4.03 | 3.00 | 0.96 | 4.49 | 3.01 | 0.98 | 4.65 | 3.28 | 0.98 | 4.95 | 3.29 | 0.99 | 5.11 | 3.55 | 1.00 | 5.41 | 3.54 | 1.01 | 5.57 | 3.53 | 1.01 |
| | 30 | 3.82 | 2.90 | 1.06 | 4.26 | 2.92 | 1.07 | 4.40 | 3.18 | 1.08 | 4.69 | 3.19 | 1.09 | 4.84 | 3.44 | 1.10 | 5.13 | 3.43 | 1.11 | 5.28 | 3.42 | 1.11 |
| | 35 | 3.95 | 2.96 | 1.35 | 4.40 | 2.98 | 1.37 | 4.55 | 3.24 | 1.38 | 4.85 | 3.25 | 1.39 | 5.00 | 3.51 | 1.40 | 5.30 | 3.49 | 1.41 | 5.45 | 3.49 | 1.42 |
| | 40 | 3.75 | 2.87 | 1.50 | 4.17 | 2.89 | 1.52 | 4.31 | 3.14 | 1.53 | 4.60 | 3.15 | 1.55 | 4.74 | 3.40 | 1.55 | 5.03 | 3.39 | 1.57 | 5.17 | 3.38 | 1.58 |
| | 46 | 3.48 | 2.78 | 1.70 | 3.87 | 2.80 | 1.73 | 4.00 | 3.04 | 1.74 | 4.27 | 3.06 | 1.76 | 4.40 | 3.30 | 1.76 | 4.66 | 3.29 | 1.78 | 4.80 | 3.28 | 1.79 |

Outdoor temperature

## ●Indoor unit : 7000Btu + 9000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+9 | -10 | 4.25 | 3.18 | 0.62 | 4.74 | 3.20 | 0.63 | 4.90 | 3.48 | 0.63 | 5.22 | 3.49 | 0.64 | 5.38 | 3.77 | 0.64 | 5.71 | 3.76 | 0.65 | 5.87 | 3.75 | 0.65 |
| | -5 | 4.08 | 3.10 | 0.70 | 4.54 | 3.12 | 0.71 | 4.69 | 3.39 | 0.72 | 5.00 | 3.41 | 0.72 | 5.16 | 3.68 | 0.73 | 5.47 | 3.67 | 0.74 | 5.62 | 3.66 | 0.74 |
| | 0 | 4.00 | 3.07 | 0.78 | 4.46 | 3.09 | 0.79 | 4.61 | 3.36 | 0.79 | 4.92 | 3.37 | 0.80 | 5.07 | 3.64 | 0.80 | 5.37 | 3.63 | 0.81 | 5.53 | 3.62 | 0.82 |
| | 5 | 3.97 | 3.06 | 0.80 | 4.42 | 3.08 | 0.81 | 4.57 | 3.34 | 0.81 | 4.87 | 3.36 | 0.82 | 5.02 | 3.62 | 0.82 | 5.33 | 3.61 | 0.83 | 5.48 | 3.60 | 0.84 |
| | 10 | 4.00 | 3.07 | 0.81 | 4.46 | 3.09 | 0.82 | 4.61 | 3.36 | 0.82 | 4.92 | 3.37 | 0.83 | 5.07 | 3.64 | 0.84 | 5.37 | 3.63 | 0.84 | 5.53 | 3.62 | 0.85 |
| | 15 | 3.90 | 3.03 | 0.84 | 4.34 | 3.04 | 0.85 | 4.49 | 3.31 | 0.85 | 4.79 | 3.32 | 0.86 | 4.93 | 3.59 | 0.87 | 5.23 | 3.57 | 0.88 | 5.38 | 3.57 | 0.88 |
| | 20 | 4.45 | 3.26 | 1.05 | 4.95 | 3.29 | 1.07 | 5.12 | 3.57 | 1.07 | 5.46 | 3.58 | 1.08 | 5.63 | 3.87 | 1.09 | 5.97 | 3.86 | 1.10 | 6.13 | 3.85 | 1.11 |
| | 25 | 4.31 | 3.21 | 1.06 | 4.80 | 3.23 | 1.08 | 4.96 | 3.51 | 1.09 | 5.29 | 3.52 | 1.10 | 5.45 | 3.80 | 1.10 | 5.78 | 3.79 | 1.11 | 5.94 | 3.78 | 1.12 |
| | 30 | 4.08 | 3.11 | 1.17 | 4.55 | 3.13 | 1.19 | 4.70 | 3.40 | 1.19 | 5.01 | 3.41 | 1.21 | 5.17 | 3.68 | 1.21 | 5.48 | 3.67 | 1.22 | 5.63 | 3.66 | 1.23 |
| | 35 | 4.50 | 3.29 | 1.72 | 5.02 | 3.31 | 1.74 | 5.19 | 3.60 | 1.75 | 5.53 | 3.61 | 1.77 | 5.70 | 3.90 | 1.78 | 6.04 | 3.88 | 1.80 | 6.21 | 3.88 | 1.81 |
| | 40 | 4.28 | 3.19 | 1.91 | 4.77 | 3.21 | 1.94 | 4.93 | 3.49 | 1.95 | 5.26 | 3.51 | 1.97 | 5.42 | 3.78 | 1.98 | 5.74 | 3.77 | 2.00 | 5.91 | 3.76 | 2.01 |
| | 46 | 3.53 | 2.93 | 1.88 | 3.94 | 2.95 | 1.88 | 4.07 | 3.20 | 1.88 | 4.34 | 3.21 | 1.88 | 4.47 | 3.47 | 1.88 | 4.74 | 3.46 | 1.88 | 4.88 | 3.45 | 1.88 |

Outdoor temperature

## ●Indoor unit : 7000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+12 | -10 | 4.43 | 3.33 | 0.65 | 4.93 | 3.35 | 0.66 | 5.10 | 3.64 | 0.66 | 5.43 | 3.66 | 0.67 | 5.60 | 3.95 | 0.67 | 5.94 | 3.93 | 0.68 | 6.11 | 3.93 | 0.68 |
| | -5 | 4.24 | 3.25 | 0.73 | 4.72 | 3.27 | 0.74 | 4.88 | 3.55 | 0.75 | 5.21 | 3.57 | 0.76 | 5.37 | 3.85 | 0.76 | 5.69 | 3.84 | 0.77 | 5.85 | 3.83 | 0.77 |
| | 0 | 4.17 | 3.22 | 0.81 | 4.64 | 3.24 | 0.82 | 4.80 | 3.52 | 0.82 | 5.12 | 3.53 | 0.83 | 5.27 | 3.81 | 0.84 | 5.59 | 3.80 | 0.85 | 5.75 | 3.79 | 0.85 |
| | 5 | 4.13 | 3.20 | 0.83 | 4.60 | 3.22 | 0.84 | 4.76 | 3.50 | 0.85 | 5.07 | 3.51 | 0.86 | 5.23 | 3.79 | 0.86 | 5.54 | 3.78 | 0.87 | 5.70 | 3.77 | 0.87 |
| | 10 | 4.17 | 3.22 | 0.84 | 4.64 | 3.24 | 0.85 | 4.80 | 3.52 | 0.86 | 5.12 | 3.53 | 0.87 | 5.27 | 3.81 | 0.87 | 5.59 | 3.80 | 0.88 | 5.75 | 3.79 | 0.88 |
| | 15 | 4.16 | 3.22 | 0.92 | 4.64 | 3.24 | 0.94 | 4.79 | 3.52 | 0.94 | 5.11 | 3.53 | 0.95 | 5.27 | 3.81 | 0.96 | 5.59 | 3.80 | 0.97 | 5.74 | 3.79 | 0.97 |
| | 20 | 5.11 | 3.62 | 1.35 | 5.69 | 3.64 | 1.37 | 5.88 | 3.96 | 1.38 | 6.27 | 3.97 | 1.40 | 6.47 | 4.29 | 1.40 | 6.85 | 4.28 | 1.42 | 7.05 | 4.27 | 1.42 |
| | 25 | 4.95 | 3.55 | 1.37 | 5.51 | 3.58 | 1.39 | 5.70 | 3.89 | 1.40 | 6.08 | 3.90 | 1.41 | 6.26 | 4.21 | 1.42 | 6.64 | 4.20 | 1.43 | 6.83 | 4.19 | 1.44 |
| | 30 | 4.69 | 3.45 | 1.51 | 5.23 | 3.47 | 1.53 | 5.40 | 3.77 | 1.54 | 5.76 | 3.78 | 1.55 | 5.94 | 4.08 | 1.56 | 6.29 | 4.07 | 1.58 | 6.47 | 4.06 | 1.58 |
| | 35 | 4.82 | 3.50 | 1.90 | 5.37 | 3.52 | 1.93 | 5.55 | 3.83 | 1.94 | 5.92 | 3.84 | 1.96 | 6.10 | 4.15 | 1.97 | 6.47 | 4.13 | 1.99 | 6.65 | 4.13 | 2.00 |
| | 40 | 4.57 | 3.39 | 2.11 | 5.09 | 3.42 | 2.14 | 5.26 | 3.71 | 2.15 | 5.61 | 3.73 | 2.18 | 5.78 | 4.02 | 2.19 | 6.13 | 4.01 | 2.21 | 6.31 | 4.00 | 2.22 |
| | 46 | 3.56 | 3.03 | 1.88 | 3.97 | 3.05 | 1.88 | 4.10 | 3.31 | 1.88 | 4.37 | 3.32 | 1.88 | 4.51 | 3.59 | 1.88 | 4.78 | 3.58 | 1.88 | 4.92 | 3.57 | 1.88 |

Outdoor temperature

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO*G18-24L3

## ●Indoor unit : 7000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 7+14 Outdoor temperature | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | -10 | 5.12 | 3.89 | 0.78 | 5.71 | 3.92 | 0.79 | 5.90 | 4.25 | 0.79 | 6.29 | 4.27 | 0.80 | 6.49 | 4.61 | 0.80 | 6.88 | 4.59 | 0.81 | 7.07 | 4.59 | 0.82 |
| | -5 | 4.91 | 3.80 | 0.88 | 5.47 | 3.82 | 0.89 | 5.66 | 4.15 | 0.90 | 6.03 | 4.17 | 0.91 | 6.22 | 4.50 | 0.91 | 6.59 | 4.48 | 0.92 | 6.78 | 4.47 | 0.92 |
| | 0 | 4.83 | 3.76 | 0.97 | 5.38 | 3.78 | 0.98 | 5.56 | 4.11 | 0.99 | 5.93 | 4.13 | 1.00 | 6.11 | 4.45 | 1.00 | 6.47 | 4.44 | 1.01 | 6.66 | 4.43 | 1.02 |
| | 5 | 4.78 | 3.74 | 1.00 | 5.33 | 3.76 | 1.01 | 5.51 | 4.09 | 1.02 | 5.87 | 4.10 | 1.03 | 6.05 | 4.43 | 1.03 | 6.42 | 4.41 | 1.04 | 6.60 | 4.41 | 1.05 |
| | 10 | 4.83 | 3.76 | 1.01 | 5.38 | 3.78 | 1.02 | 5.56 | 4.11 | 1.03 | 5.93 | 4.13 | 1.04 | 6.11 | 4.45 | 1.04 | 6.47 | 4.44 | 1.06 | 6.66 | 4.43 | 1.06 |
| | 15 | 5.02 | 3.84 | 1.20 | 5.59 | 3.87 | 1.22 | 5.78 | 4.20 | 1.23 | 6.16 | 4.22 | 1.24 | 6.35 | 4.55 | 1.25 | 6.73 | 4.54 | 1.26 | 6.92 | 4.53 | 1.27 |
| | 20 | 5.73 | 4.15 | 1.52 | 6.39 | 4.18 | 1.54 | 6.60 | 4.54 | 1.55 | 7.04 | 4.56 | 1.57 | 7.26 | 4.92 | 1.57 | 7.69 | 4.90 | 1.59 | 7.91 | 4.89 | 1.60 |
| | 25 | 5.55 | 4.08 | 1.54 | 6.19 | 4.10 | 1.56 | 6.40 | 4.46 | 1.57 | 6.82 | 4.48 | 1.59 | 7.03 | 4.83 | 1.59 | 7.45 | 4.81 | 1.61 | 7.66 | 4.80 | 1.62 |
| | 30 | 5.26 | 3.95 | 1.69 | 5.86 | 3.98 | 1.72 | 6.06 | 4.32 | 1.72 | 6.46 | 4.34 | 1.74 | 6.66 | 4.68 | 1.75 | 7.06 | 4.67 | 1.77 | 7.26 | 4.66 | 1.78 |
| | 35 | 5.69 | 4.13 | 2.37 | 6.34 | 4.16 | 2.41 | 6.55 | 4.52 | 2.42 | 6.98 | 4.54 | 2.45 | 7.20 | 4.90 | 2.46 | 7.63 | 4.88 | 2.48 | 7.85 | 4.87 | 2.50 |
| | 40 | 5.07 | 3.87 | 2.32 | 5.65 | 3.89 | 2.40 | 5.84 | 4.23 | 2.40 | 6.22 | 4.24 | 2.40 | 6.42 | 4.58 | 2.40 | 6.80 | 4.57 | 2.40 | 6.99 | 4.56 | 2.40 |
| | 46 | 3.74 | 3.38 | 1.88 | 4.16 | 3.40 | 1.88 | 4.31 | 3.70 | 1.88 | 4.59 | 3.71 | 1.88 | 4.73 | 4.00 | 1.88 | 5.02 | 3.99 | 1.88 | 5.16 | 3.98 | 1.88 |

## ●Indoor unit : 7000Btu + 18000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 7+18 Outdoor temperature | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | -10 | 5.95 | 4.28 | 1.05 | 6.62 | 4.30 | 1.06 | 6.85 | 4.68 | 1.07 | 7.30 | 4.69 | 1.08 | 7.53 | 5.07 | 1.08 | 7.98 | 5.05 | 1.10 | 8.20 | 5.04 | 1.10 |
| | -5 | 5.70 | 4.17 | 1.19 | 6.35 | 4.20 | 1.20 | 6.56 | 4.56 | 1.21 | 7.00 | 4.58 | 1.22 | 7.21 | 4.94 | 1.23 | 7.65 | 4.93 | 1.24 | 7.86 | 4.92 | 1.25 |
| | 0 | 5.60 | 4.13 | 1.31 | 6.24 | 4.16 | 1.33 | 6.45 | 4.52 | 1.34 | 6.88 | 4.53 | 1.35 | 7.09 | 4.89 | 1.36 | 7.51 | 4.88 | 1.37 | 7.73 | 4.87 | 1.38 |
| | 5 | 5.55 | 4.11 | 1.34 | 6.18 | 4.13 | 1.36 | 6.39 | 4.49 | 1.37 | 6.81 | 4.51 | 1.38 | 7.03 | 4.87 | 1.39 | 7.45 | 4.85 | 1.41 | 7.66 | 4.84 | 1.41 |
| | 10 | 5.60 | 4.13 | 1.36 | 6.24 | 4.16 | 1.38 | 6.45 | 4.52 | 1.39 | 6.88 | 4.53 | 1.40 | 7.09 | 4.89 | 1.41 | 7.51 | 4.88 | 1.42 | 7.73 | 4.87 | 1.43 |
| | 15 | 5.76 | 4.20 | 1.59 | 6.42 | 4.22 | 1.61 | 6.63 | 4.59 | 1.62 | 7.07 | 4.61 | 1.64 | 7.29 | 4.97 | 1.65 | 7.73 | 4.96 | 1.66 | 7.95 | 4.95 | 1.67 |
| | 20 | 6.52 | 4.51 | 1.96 | 7.26 | 4.54 | 1.99 | 7.51 | 4.93 | 2.00 | 8.00 | 4.95 | 2.02 | 8.25 | 5.34 | 2.03 | 8.74 | 5.32 | 2.05 | 8.99 | 5.31 | 2.06 |
| | 25 | 6.31 | 4.43 | 1.99 | 7.03 | 4.45 | 2.02 | 7.27 | 4.84 | 2.03 | 7.75 | 4.86 | 2.05 | 7.99 | 5.25 | 2.06 | 8.47 | 5.23 | 2.08 | 8.71 | 5.22 | 2.09 |
| | 30 | 5.98 | 4.29 | 2.18 | 6.67 | 4.32 | 2.22 | 6.89 | 4.69 | 2.23 | 7.35 | 4.71 | 2.25 | 7.57 | 5.09 | 2.26 | 8.03 | 5.07 | 2.28 | 8.26 | 5.06 | 2.30 |
| | 35 | 6.16 | 4.36 | 2.77 | 6.86 | 4.39 | 2.87 | 7.10 | 4.77 | 2.87 | 7.57 | 4.79 | 2.87 | 7.80 | 5.17 | 2.87 | 8.27 | 5.15 | 2.87 | 8.50 | 5.14 | 2.87 |
| | 40 | 5.17 | 3.94 | 2.32 | 5.76 | 3.97 | 2.40 | 5.95 | 4.31 | 2.40 | 6.35 | 4.33 | 2.40 | 6.54 | 4.67 | 2.40 | 6.93 | 4.65 | 2.40 | 7.13 | 4.65 | 2.40 |
| | 46 | 3.80 | 3.46 | 1.88 | 4.23 | 3.48 | 1.88 | 4.38 | 3.79 | 1.88 | 4.67 | 3.80 | 1.88 | 4.81 | 4.10 | 1.88 | 5.10 | 4.09 | 1.88 | 5.24 | 4.08 | 1.88 |

## ●Indoor unit : 9000Btu + 9000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 9+9 Outdoor temperature | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | -10 | 4.38 | 3.34 | 0.63 | 4.88 | 3.36 | 0.64 | 5.04 | 3.65 | 0.64 | 5.38 | 3.67 | 0.65 | 5.54 | 3.96 | 0.65 | 5.87 | 3.94 | 0.66 | 6.04 | 3.94 | 0.66 |
| | -5 | 4.20 | 3.26 | 0.71 | 4.67 | 3.28 | 0.72 | 4.83 | 3.56 | 0.72 | 5.15 | 3.58 | 0.73 | 5.31 | 3.86 | 0.74 | 5.63 | 3.85 | 0.74 | 5.79 | 3.84 | 0.75 |
| | 0 | 4.12 | 3.23 | 0.78 | 4.59 | 3.25 | 0.79 | 4.75 | 3.53 | 0.80 | 5.06 | 3.54 | 0.81 | 5.22 | 3.82 | 0.81 | 5.53 | 3.81 | 0.82 | 5.69 | 3.80 | 0.82 |
| | 5 | 4.09 | 3.21 | 0.80 | 4.55 | 3.23 | 0.82 | 4.71 | 3.51 | 0.82 | 5.02 | 3.52 | 0.83 | 5.17 | 3.80 | 0.83 | 5.48 | 3.79 | 0.84 | 5.64 | 3.78 | 0.85 |
| | 10 | 4.12 | 3.23 | 0.81 | 4.59 | 3.25 | 0.83 | 4.75 | 3.53 | 0.83 | 5.06 | 3.54 | 0.84 | 5.22 | 3.82 | 0.84 | 5.53 | 3.81 | 0.85 | 5.69 | 3.80 | 0.86 |
| | 15 | 4.23 | 3.27 | 0.95 | 4.71 | 3.30 | 0.96 | 4.87 | 3.58 | 0.97 | 5.19 | 3.59 | 0.97 | 5.36 | 3.88 | 0.98 | 5.68 | 3.87 | 0.99 | 5.84 | 3.86 | 0.99 |
| | 20 | 4.89 | 3.56 | 1.22 | 5.45 | 3.58 | 1.24 | 5.63 | 3.89 | 1.25 | 6.00 | 3.91 | 1.26 | 6.19 | 4.22 | 1.27 | 6.56 | 4.20 | 1.28 | 6.75 | 4.20 | 1.28 |
| | 25 | 4.74 | 3.50 | 1.24 | 5.28 | 3.52 | 1.26 | 5.46 | 3.82 | 1.26 | 5.82 | 3.84 | 1.28 | 6.00 | 4.14 | 1.28 | 6.36 | 4.13 | 1.29 | 6.54 | 4.12 | 1.30 |
| | 30 | 4.49 | 3.39 | 1.36 | 5.00 | 3.41 | 1.38 | 5.17 | 3.71 | 1.39 | 5.51 | 3.72 | 1.40 | 5.68 | 4.02 | 1.41 | 6.02 | 4.00 | 1.42 | 6.20 | 3.99 | 1.43 |
| | 35 | 4.90 | 3.56 | 1.95 | 5.46 | 3.59 | 1.98 | 5.64 | 3.90 | 1.99 | 6.01 | 3.91 | 2.01 | 6.20 | 4.22 | 2.02 | 6.57 | 4.21 | 2.04 | 6.76 | 4.20 | 2.05 |
| | 40 | 4.64 | 3.46 | 2.16 | 5.17 | 3.48 | 2.20 | 5.35 | 3.78 | 2.21 | 5.70 | 3.79 | 2.23 | 5.88 | 4.10 | 2.24 | 6.23 | 4.08 | 2.26 | 6.41 | 4.07 | 2.28 |
| | 46 | 3.62 | 3.08 | 1.88 | 4.03 | 3.10 | 1.88 | 4.17 | 3.37 | 1.88 | 4.44 | 3.38 | 1.88 | 4.58 | 3.65 | 1.88 | 4.85 | 3.64 | 1.88 | 4.99 | 3.63 | 1.88 |

## ●Indoor unit : 9000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 9+12 Outdoor temperature | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | -10 | 4.56 | 3.49 | 0.68 | 5.07 | 3.52 | 0.69 | 5.25 | 3.82 | 0.69 | 5.59 | 3.84 | 0.70 | 5.77 | 4.14 | 0.70 | 6.11 | 4.13 | 0.71 | 6.29 | 4.12 | 0.71 |
| | -5 | 4.37 | 3.41 | 0.77 | 4.86 | 3.43 | 0.78 | 5.03 | 3.73 | 0.79 | 5.36 | 3.74 | 0.79 | 5.53 | 4.04 | 0.80 | 5.86 | 4.03 | 0.81 | 6.02 | 4.02 | 0.81 |
| | 0 | 4.29 | 3.38 | 0.85 | 4.78 | 3.40 | 0.86 | 4.94 | 3.69 | 0.87 | 5.27 | 3.71 | 0.88 | 5.43 | 4.00 | 0.88 | 5.76 | 3.99 | 0.89 | 5.92 | 3.98 | 0.89 |
| | 5 | 4.25 | 3.36 | 0.87 | 4.74 | 3.38 | 0.89 | 4.90 | 3.67 | 0.89 | 5.22 | 3.69 | 0.90 | 5.38 | 3.98 | 0.90 | 5.70 | 3.96 | 0.91 | 5.87 | 3.96 | 0.92 |
| | 10 | 4.29 | 3.38 | 0.88 | 4.78 | 3.40 | 0.90 | 4.94 | 3.69 | 0.90 | 5.27 | 3.71 | 0.91 | 5.43 | 4.00 | 0.91 | 5.76 | 3.99 | 0.92 | 5.92 | 3.98 | 0.93 |
| | 15 | 4.44 | 3.44 | 1.04 | 4.94 | 3.46 | 1.06 | 5.11 | 3.76 | 1.06 | 5.45 | 3.78 | 1.08 | 5.62 | 4.08 | 1.08 | 5.95 | 4.06 | 1.09 | 6.12 | 4.06 | 1.10 |
| | 20 | 5.41 | 3.86 | 1.51 | 6.03 | 3.89 | 1.54 | 6.24 | 4.22 | 1.54 | 6.65 | 4.24 | 1.56 | 6.85 | 4.58 | 1.57 | 7.26 | 4.56 | 1.58 | 7.47 | 4.55 | 1.59 |
| | 25 | 5.25 | 3.79 | 1.53 | 5.84 | 3.82 | 1.55 | 6.04 | 4.15 | 1.56 | 6.44 | 4.16 | 1.58 | 6.64 | 4.49 | 1.59 | 7.04 | 4.48 | 1.60 | 7.24 | 4.47 | 1.61 |
| | 30 | 4.97 | 3.68 | 1.68 | 5.54 | 3.70 | 1.71 | 5.73 | 4.02 | 1.72 | 6.10 | 4.04 | 1.73 | 6.29 | 4.36 | 1.74 | 6.67 | 4.34 | 1.76 | 6.86 | 4.33 | 1.77 |
| | 35 | 5.37 | 3.85 | 2.36 | 5.98 | 3.87 | 2.40 | 6.19 | 4.21 | 2.41 | 6.60 | 4.22 | 2.44 | 6.80 | 4.56 | 2.45 | 7.21 | 4.54 | 2.47 | 7.41 | 4.53 | 2.49 |
| | 40 | 4.83 | 3.61 | 2.26 | 5.38 | 3.64 | 2.29 | 5.56 | 3.95 | 2.31 | 5.93 | 3.97 | 2.33 | 6.11 | 4.28 | 2.34 | 6.48 | 4.27 | 2.40 | 6.66 | 4.26 | 2.40 |
| | 46 | 3.60 | 3.18 | 1.88 | 4.02 | 3.20 | 1.88 | 4.15 | 3.47 | 1.88 | 4.43 | 3.49 | 1.88 | 4.56 | 3.76 | 1.88 | 4.84 | 3.75 | 1.88 | 4.97 | 3.74 | 1.88 |

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO*G18-24L3

## ●Indoor unit : 9000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 9+14 | (°CDB) / Outdoor temperature | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | -10 | 5.45 | 4.14 | 0.86 | 6.07 | 4.17 | 0.88 | 6.28 | 4.53 | 0.88 | 6.69 | 4.55 | 0.89 | 6.90 | 4.91 | 0.89 | 7.31 | 4.89 | 0.90 | 7.52 | 4.88 | 0.91 |
| | -5 | 5.22 | 4.04 | 0.98 | 5.82 | 4.07 | 0.99 | 6.02 | 4.42 | 1.00 | 6.41 | 4.44 | 1.01 | 6.61 | 4.79 | 1.01 | 7.01 | 4.77 | 1.02 | 7.21 | 4.76 | 1.03 |
| | 0 | 5.13 | 4.00 | 1.08 | 5.72 | 4.03 | 1.10 | 5.91 | 4.38 | 1.10 | 6.30 | 4.39 | 1.11 | 6.50 | 4.74 | 1.12 | 6.88 | 4.72 | 1.13 | 7.08 | 4.72 | 1.13 |
| | 5 | 5.09 | 3.98 | 1.11 | 5.67 | 4.01 | 1.12 | 5.86 | 4.35 | 1.13 | 6.24 | 4.37 | 1.14 | 6.44 | 4.72 | 1.15 | 6.82 | 4.70 | 1.16 | 7.02 | 4.69 | 1.16 |
| | 10 | 5.13 | 4.00 | 1.12 | 5.72 | 4.03 | 1.14 | 5.91 | 4.38 | 1.14 | 6.30 | 4.39 | 1.16 | 6.50 | 4.74 | 1.16 | 6.88 | 4.72 | 1.17 | 7.08 | 4.72 | 1.18 |
| | 15 | 5.42 | 4.13 | 1.38 | 6.04 | 4.16 | 1.41 | 6.24 | 4.52 | 1.41 | 6.65 | 4.53 | 1.43 | 6.86 | 4.89 | 1.43 | 7.27 | 4.88 | 1.45 | 7.48 | 4.87 | 1.46 |
| | 20 | 6.08 | 4.42 | 1.68 | 6.78 | 4.44 | 1.71 | 7.01 | 4.83 | 1.72 | 7.47 | 4.85 | 1.73 | 7.70 | 5.23 | 1.74 | 8.16 | 5.21 | 1.76 | 8.39 | 5.20 | 1.77 |
| | 25 | 5.89 | 4.34 | 1.70 | 6.56 | 4.36 | 1.73 | 6.79 | 4.74 | 1.74 | 7.23 | 4.76 | 1.76 | 7.46 | 5.14 | 1.76 | 7.91 | 5.12 | 1.78 | 8.13 | 5.11 | 1.79 |
| | 30 | 5.59 | 4.20 | 1.87 | 6.22 | 4.23 | 1.90 | 6.43 | 4.60 | 1.91 | 6.86 | 4.61 | 1.93 | 7.07 | 4.98 | 1.94 | 7.49 | 4.96 | 1.96 | 7.71 | 4.95 | 1.97 |
| | 35 | 6.08 | 4.42 | 2.67 | 6.78 | 4.44 | 2.71 | 7.01 | 4.83 | 2.73 | 7.47 | 4.85 | 2.76 | 7.70 | 5.23 | 2.77 | 8.16 | 5.21 | 2.80 | 8.39 | 5.21 | 2.87 |
| | 40 | 5.15 | 4.01 | 2.32 | 5.73 | 4.03 | 2.40 | 5.93 | 4.38 | 2.40 | 6.32 | 4.40 | 2.40 | 6.51 | 4.75 | 2.40 | 6.90 | 4.73 | 2.40 | 7.10 | 4.72 | 2.40 |
| | 46 | 3.79 | 3.52 | 1.88 | 4.23 | 3.54 | 1.88 | 4.37 | 3.85 | 1.88 | 4.66 | 3.87 | 1.88 | 4.80 | 4.17 | 1.88 | 5.09 | 4.16 | 1.88 | 5.24 | 4.15 | 1.88 |

## ●Indoor unit : 9000Btu + 18000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 9+18 | (°CDB) / Outdoor temperature | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | -10 | 6.02 | 4.40 | 1.05 | 6.71 | 4.43 | 1.06 | 6.94 | 4.82 | 1.07 | 7.39 | 4.83 | 1.08 | 7.62 | 5.22 | 1.08 | 8.08 | 5.20 | 1.10 | 8.31 | 5.19 | 1.10 |
| | -5 | 5.77 | 4.30 | 1.19 | 6.43 | 4.32 | 1.20 | 6.65 | 4.70 | 1.21 | 7.09 | 4.72 | 1.22 | 7.31 | 5.09 | 1.23 | 7.74 | 5.07 | 1.24 | 7.96 | 5.06 | 1.25 |
| | 0 | 5.67 | 4.25 | 1.31 | 6.32 | 4.28 | 1.33 | 6.53 | 4.65 | 1.34 | 6.96 | 4.67 | 1.35 | 7.18 | 5.04 | 1.36 | 7.61 | 5.02 | 1.37 | 7.82 | 5.01 | 1.38 |
| | 5 | 5.62 | 4.23 | 1.34 | 6.26 | 4.26 | 1.36 | 6.47 | 4.63 | 1.37 | 6.90 | 4.65 | 1.38 | 7.12 | 5.01 | 1.39 | 7.54 | 5.00 | 1.41 | 7.76 | 4.99 | 1.41 |
| | 10 | 5.67 | 4.25 | 1.36 | 6.32 | 4.28 | 1.38 | 6.53 | 4.65 | 1.39 | 6.96 | 4.67 | 1.40 | 7.18 | 5.04 | 1.41 | 7.61 | 5.02 | 1.42 | 7.82 | 5.01 | 1.43 |
| | 15 | 6.09 | 4.43 | 1.74 | 6.78 | 4.46 | 1.76 | 7.01 | 4.85 | 1.77 | 7.47 | 4.86 | 1.79 | 7.70 | 5.25 | 1.80 | 8.17 | 5.23 | 1.82 | 8.40 | 5.22 | 1.83 |
| | 20 | 6.70 | 4.68 | 2.02 | 7.46 | 4.71 | 2.06 | 7.72 | 5.12 | 2.07 | 8.22 | 5.14 | 2.09 | 8.48 | 5.55 | 2.10 | 8.99 | 5.53 | 2.12 | 9.24 | 5.52 | 2.13 |
| | 25 | 6.49 | 4.60 | 2.05 | 7.23 | 4.63 | 2.08 | 7.47 | 5.03 | 2.09 | 7.97 | 5.05 | 2.11 | 8.21 | 5.45 | 2.12 | 8.71 | 5.43 | 2.15 | 8.95 | 5.42 | 2.16 |
| | 30 | 6.15 | 4.46 | 2.25 | 6.85 | 4.49 | 2.29 | 7.09 | 4.88 | 2.30 | 7.55 | 4.89 | 2.32 | 7.79 | 5.28 | 2.33 | 8.25 | 5.26 | 2.36 | 8.49 | 5.25 | 2.37 |
| | 35 | 6.24 | 4.50 | 2.77 | 6.95 | 4.52 | 2.87 | 7.19 | 4.92 | 2.87 | 7.66 | 4.94 | 2.87 | 7.90 | 5.33 | 2.87 | 8.37 | 5.31 | 2.87 | 8.61 | 5.30 | 2.87 |
| | 40 | 5.20 | 4.05 | 2.32 | 5.80 | 4.07 | 2.40 | 5.99 | 4.42 | 2.40 | 6.39 | 4.44 | 2.40 | 6.59 | 4.80 | 2.40 | 6.98 | 4.78 | 2.40 | 7.18 | 4.77 | 2.40 |
| | 46 | 3.85 | 3.57 | 1.88 | 4.29 | 3.59 | 1.88 | 4.43 | 3.90 | 1.88 | 4.73 | 3.91 | 1.88 | 4.87 | 4.23 | 1.88 | 5.17 | 4.21 | 1.88 | 5.31 | 4.20 | 1.88 |

## ●Indoor unit : 12000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 12+12 | (°CDB) / Outdoor temperature | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | -10 | 4.87 | 3.71 | 0.78 | 5.43 | 3.73 | 0.79 | 5.61 | 4.06 | 0.79 | 5.98 | 4.07 | 0.80 | 6.17 | 4.40 | 0.80 | 6.54 | 4.38 | 0.81 | 6.72 | 4.37 | 0.82 |
| | -5 | 4.67 | 3.62 | 0.88 | 5.20 | 3.64 | 0.89 | 5.38 | 3.96 | 0.90 | 5.73 | 3.97 | 0.91 | 5.91 | 4.29 | 0.91 | 6.26 | 4.27 | 0.92 | 6.44 | 4.27 | 0.92 |
| | 0 | 4.59 | 3.58 | 0.97 | 5.11 | 3.61 | 0.99 | 5.28 | 3.92 | 0.99 | 5.63 | 3.93 | 1.00 | 5.81 | 4.25 | 1.01 | 6.16 | 4.23 | 1.02 | 6.33 | 4.22 | 1.02 |
| | 5 | 4.55 | 3.56 | 1.00 | 5.07 | 3.59 | 1.01 | 5.24 | 3.90 | 1.02 | 5.58 | 3.91 | 1.03 | 5.76 | 4.22 | 1.03 | 6.10 | 4.21 | 1.04 | 6.27 | 4.20 | 1.05 |
| | 10 | 4.59 | 3.58 | 1.01 | 5.11 | 3.61 | 1.02 | 5.28 | 3.92 | 1.03 | 5.63 | 3.93 | 1.04 | 5.81 | 4.25 | 1.05 | 6.16 | 4.23 | 1.06 | 6.33 | 4.22 | 1.06 |
| | 15 | 4.77 | 3.67 | 1.21 | 5.31 | 3.69 | 1.22 | 5.50 | 4.01 | 1.23 | 5.86 | 4.02 | 1.24 | 6.04 | 4.34 | 1.25 | 6.40 | 4.33 | 1.26 | 6.58 | 4.32 | 1.27 |
| | 20 | 5.92 | 4.15 | 1.81 | 6.59 | 4.18 | 1.84 | 6.82 | 4.54 | 1.85 | 7.27 | 4.56 | 1.87 | 7.49 | 4.92 | 1.88 | 7.94 | 4.90 | 1.89 | 8.17 | 4.90 | 1.90 |
| | 25 | 5.73 | 4.08 | 1.83 | 6.39 | 4.10 | 1.86 | 6.61 | 4.46 | 1.87 | 7.04 | 4.48 | 1.89 | 7.26 | 4.83 | 1.90 | 7.69 | 4.82 | 1.92 | 7.91 | 4.81 | 1.93 |
| | 30 | 5.44 | 3.95 | 2.01 | 6.06 | 3.98 | 2.05 | 6.26 | 4.32 | 2.06 | 6.67 | 4.34 | 2.08 | 6.88 | 4.68 | 2.09 | 7.29 | 4.67 | 2.11 | 7.50 | 4.66 | 2.12 |
| | 35 | 5.69 | 4.06 | 2.64 | 6.34 | 4.08 | 2.69 | 6.55 | 4.44 | 2.70 | 6.98 | 4.46 | 2.73 | 7.20 | 4.81 | 2.74 | 7.63 | 4.79 | 2.77 | 7.85 | 4.78 | 2.78 |
| | 40 | 4.89 | 3.72 | 2.32 | 5.45 | 3.74 | 2.40 | 5.64 | 4.07 | 2.40 | 6.01 | 4.08 | 2.40 | 6.19 | 4.41 | 2.40 | 6.57 | 4.39 | 2.40 | 6.75 | 4.38 | 2.40 |
| | 46 | 3.65 | 3.28 | 1.88 | 4.06 | 3.30 | 1.88 | 4.20 | 3.59 | 1.88 | 4.48 | 3.60 | 1.88 | 4.61 | 3.88 | 1.88 | 4.89 | 3.87 | 1.88 | 5.03 | 3.86 | 1.88 |

## ●Indoor unit : 12000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 12+14 | (°CDB) / Outdoor temperature | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | -10 | 5.95 | 4.42 | 1.05 | 6.62 | 4.45 | 1.06 | 6.85 | 4.83 | 1.07 | 7.30 | 4.85 | 1.08 | 7.53 | 5.24 | 1.08 | 7.98 | 5.22 | 1.10 | 8.20 | 5.21 | 1.10 |
| | -5 | 5.70 | 4.31 | 1.19 | 6.35 | 4.34 | 1.20 | 6.56 | 4.72 | 1.21 | 7.00 | 4.73 | 1.22 | 7.21 | 5.11 | 1.23 | 7.65 | 5.09 | 1.24 | 7.86 | 5.08 | 1.25 |
| | 0 | 5.60 | 4.27 | 1.31 | 6.24 | 4.30 | 1.33 | 6.45 | 4.67 | 1.34 | 6.88 | 4.69 | 1.35 | 7.09 | 5.06 | 1.36 | 7.51 | 5.04 | 1.37 | 7.73 | 5.03 | 1.38 |
| | 5 | 5.55 | 4.25 | 1.34 | 6.18 | 4.27 | 1.36 | 6.39 | 4.64 | 1.37 | 6.81 | 4.66 | 1.38 | 7.03 | 5.03 | 1.39 | 7.45 | 5.02 | 1.41 | 7.66 | 5.01 | 1.41 |
| | 10 | 5.60 | 4.27 | 1.36 | 6.24 | 4.30 | 1.38 | 6.45 | 4.67 | 1.39 | 6.88 | 4.69 | 1.40 | 7.09 | 5.06 | 1.41 | 7.51 | 5.04 | 1.42 | 7.73 | 5.03 | 1.43 |
| | 15 | 5.76 | 4.34 | 1.59 | 6.42 | 4.37 | 1.61 | 6.63 | 4.75 | 1.62 | 7.07 | 4.76 | 1.64 | 7.29 | 5.14 | 1.65 | 7.73 | 5.12 | 1.66 | 7.95 | 5.11 | 1.67 |
| | 20 | 6.61 | 4.70 | 2.02 | 7.37 | 4.73 | 2.06 | 7.62 | 5.14 | 2.07 | 8.12 | 5.16 | 2.09 | 8.37 | 5.57 | 2.10 | 8.87 | 5.55 | 2.12 | 9.13 | 5.54 | 2.13 |
| | 25 | 6.41 | 4.62 | 2.05 | 7.14 | 4.65 | 2.08 | 7.38 | 5.05 | 2.09 | 7.87 | 5.07 | 2.11 | 8.11 | 5.47 | 2.12 | 8.60 | 5.45 | 2.15 | 8.84 | 5.44 | 2.16 |
| | 30 | 6.07 | 4.47 | 2.25 | 6.77 | 4.50 | 2.29 | 7.00 | 4.89 | 2.30 | 7.46 | 4.91 | 2.32 | 7.69 | 5.30 | 2.33 | 8.15 | 5.28 | 2.36 | 8.38 | 5.27 | 2.37 |
| | 35 | 6.16 | 4.51 | 2.77 | 6.86 | 4.54 | 2.87 | 7.10 | 4.94 | 2.87 | 7.57 | 4.95 | 2.87 | 7.80 | 5.35 | 2.87 | 8.27 | 5.33 | 2.87 | 8.50 | 5.32 | 2.87 |
| | 40 | 5.14 | 4.06 | 2.32 | 5.72 | 4.09 | 2.40 | 5.92 | 4.44 | 2.40 | 6.31 | 4.46 | 2.40 | 6.50 | 4.81 | 2.40 | 6.89 | 4.80 | 2.40 | 7.09 | 4.79 | 2.40 |
| | 46 | 3.80 | 3.58 | 1.88 | 4.23 | 3.60 | 1.88 | 4.38 | 3.91 | 1.88 | 4.67 | 3.93 | 1.88 | 4.81 | 4.24 | 1.88 | 5.10 | 4.23 | 1.88 | 5.24 | 4.22 | 1.88 |

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO*G18-24L3

## ●Indoor unit : 12000Btu + 18000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 12+18 | (°CDB) / Outdoor temperature | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | -10 | 6.36 | 4.60 | 1.18 | 7.09 | 4.63 | 1.19 | 7.33 | 5.03 | 1.20 | 7.81 | 5.05 | 1.21 | 8.05 | 5.45 | 1.22 | 8.54 | 5.43 | 1.23 | 8.78 | 5.42 | 1.24 |
| | -5 | 6.10 | 4.48 | 1.33 | 6.79 | 4.51 | 1.35 | 7.02 | 4.90 | 1.36 | 7.49 | 4.92 | 1.37 | 7.72 | 5.31 | 1.38 | 8.18 | 5.29 | 1.40 | 8.41 | 5.29 | 1.40 |
| | 0 | 5.99 | 4.44 | 1.47 | 6.67 | 4.47 | 1.49 | 6.90 | 4.85 | 1.50 | 7.36 | 4.87 | 1.52 | 7.58 | 5.26 | 1.52 | 8.04 | 5.24 | 1.54 | 8.27 | 5.23 | 1.55 |
| | 5 | 5.94 | 4.42 | 1.51 | 6.62 | 4.44 | 1.53 | 6.84 | 4.83 | 1.54 | 7.29 | 4.85 | 1.56 | 7.52 | 5.23 | 1.56 | 7.97 | 5.21 | 1.58 | 8.19 | 5.20 | 1.59 |
| | 10 | 5.99 | 4.44 | 1.53 | 6.67 | 4.47 | 1.55 | 6.90 | 4.85 | 1.56 | 7.36 | 4.87 | 1.58 | 7.58 | 5.26 | 1.58 | 8.04 | 5.24 | 1.60 | 8.27 | 5.23 | 1.61 |
| | 15 | 6.48 | 4.65 | 1.99 | 7.22 | 4.68 | 2.02 | 7.47 | 5.08 | 2.03 | 7.96 | 5.10 | 2.05 | 8.21 | 5.51 | 2.06 | 8.70 | 5.49 | 2.08 | 8.94 | 5.48 | 2.09 |
| | 20 | 7.18 | 4.93 | 2.35 | 8.00 | 4.96 | 2.38 | 8.27 | 5.39 | 2.39 | 8.82 | 5.41 | 2.42 | 9.09 | 5.84 | 2.43 | 9.64 | 5.82 | 2.46 | 9.91 | 5.81 | 2.47 |
| | 25 | 6.96 | 4.84 | 2.38 | 7.75 | 4.87 | 2.41 | 8.01 | 5.29 | 2.42 | 8.54 | 5.31 | 2.45 | 8.81 | 5.74 | 2.46 | 9.33 | 5.71 | 2.49 | 9.60 | 5.70 | 2.50 |
| | 30 | 6.59 | 4.69 | 2.61 | 7.35 | 4.72 | 2.65 | 7.60 | 5.13 | 2.66 | 8.10 | 5.15 | 2.69 | 8.35 | 5.56 | 2.70 | 8.85 | 5.54 | 2.73 | 9.10 | 5.53 | 2.75 |
| | 35 | 6.24 | 4.54 | 2.77 | 6.95 | 4.57 | 2.87 | 7.19 | 4.97 | 2.87 | 7.66 | 4.99 | 2.87 | 7.90 | 5.39 | 2.87 | 8.37 | 5.37 | 2.87 | 8.61 | 5.36 | 2.87 |
| | 40 | 5.20 | 4.09 | 2.32 | 5.80 | 4.12 | 2.40 | 5.99 | 4.47 | 2.40 | 6.39 | 4.49 | 2.40 | 6.59 | 4.85 | 2.40 | 6.98 | 4.83 | 2.40 | 7.18 | 4.82 | 2.40 |
| | 46 | 3.85 | 3.60 | 1.88 | 4.29 | 3.63 | 1.88 | 4.43 | 3.94 | 1.88 | 4.73 | 3.96 | 1.88 | 4.87 | 4.27 | 1.88 | 5.17 | 4.26 | 1.88 | 5.31 | 4.25 | 1.88 |

## ●Indoor unit : 7000Btu + 7000Btu + 7000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 7+7+7 | (°CDB) / Outdoor temperature | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | -10 | 5.20 | 4.09 | 0.73 | 5.79 | 4.12 | 0.74 | 5.99 | 4.48 | 0.74 | 6.38 | 4.50 | 0.75 | 6.58 | 4.85 | 0.75 | 6.98 | 4.84 | 0.76 | 7.17 | 4.83 | 0.76 |
| | -5 | 4.98 | 3.99 | 0.82 | 5.55 | 4.02 | 0.84 | 5.74 | 4.37 | 0.84 | 6.12 | 4.39 | 0.85 | 6.31 | 4.73 | 0.85 | 6.69 | 4.72 | 0.86 | 6.88 | 4.71 | 0.87 |
| | 0 | 4.90 | 3.95 | 0.91 | 5.45 | 3.98 | 0.92 | 5.64 | 4.32 | 0.93 | 6.01 | 4.34 | 0.94 | 6.20 | 4.69 | 0.94 | 6.57 | 4.67 | 0.95 | 6.76 | 4.66 | 0.96 |
| | 5 | 4.85 | 3.93 | 0.93 | 5.41 | 3.96 | 0.95 | 5.59 | 4.30 | 0.95 | 5.96 | 4.32 | 0.96 | 6.14 | 4.66 | 0.97 | 6.51 | 4.65 | 0.98 | 6.70 | 4.64 | 0.98 |
| | 10 | 4.90 | 3.95 | 0.95 | 5.45 | 3.98 | 0.96 | 5.64 | 4.32 | 0.96 | 6.01 | 4.34 | 0.97 | 6.20 | 4.69 | 0.98 | 6.57 | 4.67 | 0.99 | 6.76 | 4.66 | 0.99 |
| | 15 | 4.77 | 3.89 | 0.98 | 5.31 | 3.92 | 1.00 | 5.49 | 4.26 | 1.00 | 5.85 | 4.27 | 1.01 | 6.03 | 4.61 | 1.02 | 6.40 | 4.60 | 1.03 | 6.58 | 4.59 | 1.03 |
| | 20 | 6.03 | 4.46 | 1.54 | 6.72 | 4.49 | 1.56 | 6.94 | 4.88 | 1.57 | 7.40 | 4.90 | 1.58 | 7.63 | 5.29 | 1.59 | 8.09 | 5.27 | 1.61 | 8.32 | 5.26 | 1.62 |
| | 25 | 5.84 | 4.38 | 1.55 | 6.51 | 4.41 | 1.58 | 6.73 | 4.79 | 1.59 | 7.17 | 4.81 | 1.60 | 7.39 | 5.19 | 1.61 | 7.84 | 5.17 | 1.63 | 8.06 | 5.16 | 1.64 |
| | 30 | 5.54 | 4.25 | 1.71 | 6.17 | 4.27 | 1.73 | 6.38 | 4.64 | 1.74 | 6.80 | 4.66 | 1.76 | 7.01 | 5.03 | 1.77 | 7.43 | 5.01 | 1.79 | 7.64 | 5.00 | 1.80 |
| | 35 | 5.85 | 4.38 | 2.29 | 6.51 | 4.41 | 2.32 | 6.73 | 4.79 | 2.33 | 7.18 | 4.81 | 2.36 | 7.40 | 5.19 | 2.37 | 7.84 | 5.17 | 2.39 | 8.07 | 5.17 | 2.41 |
| | 40 | 5.29 | 4.13 | 2.32 | 5.89 | 4.16 | 2.40 | 6.09 | 4.52 | 2.40 | 6.49 | 4.54 | 2.40 | 6.69 | 4.90 | 2.40 | 7.09 | 4.88 | 2.40 | 7.29 | 4.87 | 2.40 |
| | 46 | 3.94 | 3.63 | 1.88 | 4.39 | 3.65 | 1.88 | 4.54 | 3.97 | 1.88 | 4.84 | 3.98 | 1.88 | 4.99 | 4.30 | 1.88 | 5.29 | 4.28 | 1.88 | 5.44 | 4.27 | 1.88 |

## ●Indoor unit : 7000Btu + 7000Btu + 9000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 7+7+9 | (°CDB) / Outdoor temperature | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | -10 | 5.47 | 4.32 | 0.79 | 6.09 | 4.35 | 0.81 | 6.30 | 4.72 | 0.81 | 6.72 | 4.74 | 0.82 | 6.92 | 5.12 | 0.82 | 7.34 | 5.10 | 0.83 | 7.55 | 5.09 | 0.84 |
| | -5 | 5.24 | 4.21 | 0.90 | 5.84 | 4.24 | 0.91 | 6.04 | 4.61 | 0.92 | 6.44 | 4.63 | 0.93 | 6.64 | 4.99 | 0.93 | 7.03 | 4.98 | 0.94 | 7.23 | 4.97 | 0.95 |
| | 0 | 5.15 | 4.17 | 0.99 | 5.74 | 4.20 | 1.01 | 5.93 | 4.56 | 1.01 | 6.32 | 4.58 | 1.02 | 6.52 | 4.94 | 1.03 | 6.91 | 4.93 | 1.04 | 7.11 | 4.92 | 1.04 |
| | 5 | 5.11 | 4.15 | 1.02 | 5.69 | 4.18 | 1.04 | 5.88 | 4.54 | 1.04 | 6.27 | 4.56 | 1.05 | 6.46 | 4.92 | 1.06 | 6.85 | 4.90 | 1.07 | 7.04 | 4.89 | 1.07 |
| | 10 | 5.15 | 4.17 | 1.03 | 5.74 | 4.20 | 1.05 | 5.93 | 4.56 | 1.05 | 6.32 | 4.58 | 1.06 | 6.52 | 4.94 | 1.07 | 6.91 | 4.93 | 1.08 | 7.11 | 4.92 | 1.09 |
| | 15 | 5.24 | 4.21 | 1.18 | 5.84 | 4.24 | 1.20 | 6.04 | 4.61 | 1.20 | 6.44 | 4.63 | 1.22 | 6.64 | 4.99 | 1.22 | 7.04 | 4.98 | 1.23 | 7.23 | 4.97 | 1.24 |
| | 20 | 6.39 | 4.72 | 1.70 | 7.11 | 4.75 | 1.73 | 7.36 | 5.17 | 1.74 | 7.84 | 5.19 | 1.75 | 8.08 | 5.60 | 1.76 | 8.57 | 5.58 | 1.78 | 8.81 | 5.57 | 1.79 |
| | 25 | 6.19 | 4.64 | 1.72 | 6.89 | 4.67 | 1.75 | 7.13 | 5.07 | 1.76 | 7.60 | 5.09 | 1.78 | 7.83 | 5.50 | 1.79 | 8.30 | 5.48 | 1.80 | 8.53 | 5.47 | 1.81 |
| | 30 | 5.86 | 4.50 | 1.89 | 6.53 | 4.53 | 1.92 | 6.75 | 4.92 | 1.93 | 7.20 | 4.94 | 1.95 | 7.42 | 5.33 | 1.96 | 7.87 | 5.31 | 1.98 | 8.09 | 5.30 | 1.99 |
| | 35 | 6.16 | 4.63 | 2.51 | 6.86 | 4.66 | 2.55 | 7.10 | 5.06 | 2.56 | 7.57 | 5.08 | 2.59 | 7.80 | 5.48 | 2.60 | 8.27 | 5.46 | 2.63 | 8.50 | 5.45 | 2.64 |
| | 40 | 5.36 | 4.27 | 2.32 | 5.97 | 4.30 | 2.40 | 6.18 | 4.67 | 2.40 | 6.58 | 4.69 | 2.40 | 6.79 | 5.06 | 2.40 | 7.19 | 5.04 | 2.40 | 7.40 | 5.03 | 2.40 |
| | 46 | 3.98 | 3.75 | 1.88 | 4.44 | 3.78 | 1.88 | 4.59 | 4.11 | 1.88 | 4.89 | 4.12 | 1.88 | 5.04 | 4.45 | 1.88 | 5.35 | 4.43 | 1.88 | 5.50 | 4.42 | 1.88 |

## ●Indoor unit : 7000Btu + 7000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 7+7+12 | (°CDB) / Outdoor temperature | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | -10 | 5.82 | 4.53 | 0.92 | 6.48 | 4.56 | 0.94 | 6.70 | 4.95 | 0.94 | 7.14 | 4.97 | 0.95 | 7.36 | 5.36 | 0.95 | 7.80 | 5.35 | 0.96 | 8.02 | 5.34 | 0.97 |
| | -5 | 5.57 | 4.42 | 1.04 | 6.21 | 4.44 | 1.06 | 6.42 | 4.83 | 1.07 | 6.84 | 4.85 | 1.08 | 7.05 | 5.23 | 1.08 | 7.48 | 5.22 | 1.09 | 7.69 | 5.21 | 1.10 |
| | 0 | 5.48 | 4.37 | 1.15 | 6.10 | 4.40 | 1.17 | 6.31 | 4.78 | 1.18 | 6.72 | 4.80 | 1.19 | 6.93 | 5.18 | 1.19 | 7.35 | 5.16 | 1.21 | 7.56 | 5.15 | 1.21 |
| | 5 | 5.43 | 4.35 | 1.18 | 6.05 | 4.38 | 1.20 | 6.25 | 4.76 | 1.21 | 6.66 | 4.78 | 1.22 | 6.87 | 5.15 | 1.23 | 7.28 | 5.14 | 1.24 | 7.49 | 5.13 | 1.24 |
| | 10 | 5.48 | 4.37 | 1.20 | 6.10 | 4.40 | 1.22 | 6.31 | 4.78 | 1.22 | 6.72 | 4.80 | 1.24 | 6.93 | 5.18 | 1.24 | 7.35 | 5.16 | 1.25 | 7.56 | 5.15 | 1.26 |
| | 15 | 5.66 | 4.46 | 1.41 | 6.31 | 4.49 | 1.43 | 6.52 | 4.87 | 1.44 | 6.95 | 4.89 | 1.46 | 7.17 | 5.28 | 1.46 | 7.59 | 5.26 | 1.48 | 7.81 | 5.25 | 1.49 |
| | 20 | 6.87 | 4.99 | 2.02 | 7.65 | 5.02 | 2.06 | 7.91 | 5.45 | 2.07 | 8.43 | 5.47 | 2.09 | 8.69 | 5.91 | 2.10 | 9.22 | 5.89 | 2.12 | 9.48 | 5.88 | 2.13 |
| | 25 | 6.65 | 4.89 | 2.05 | 7.41 | 4.93 | 2.08 | 7.66 | 5.35 | 2.09 | 8.17 | 5.37 | 2.11 | 8.42 | 5.80 | 2.12 | 8.93 | 5.78 | 2.15 | 9.18 | 5.77 | 2.16 |
| | 30 | 6.31 | 4.75 | 2.25 | 7.03 | 4.78 | 2.29 | 7.26 | 5.19 | 2.30 | 7.74 | 5.21 | 2.32 | 7.98 | 5.62 | 2.33 | 8.46 | 5.60 | 2.36 | 8.70 | 5.59 | 2.37 |
| | 35 | 6.40 | 4.79 | 2.77 | 7.13 | 4.82 | 2.87 | 7.37 | 5.23 | 2.87 | 7.86 | 5.25 | 2.87 | 8.10 | 5.67 | 2.87 | 8.59 | 5.65 | 2.87 | 8.83 | 5.64 | 2.87 |
| | 40 | 5.34 | 4.31 | 2.32 | 5.94 | 4.33 | 2.40 | 6.15 | 4.71 | 2.40 | 6.55 | 4.73 | 2.40 | 6.75 | 5.10 | 2.40 | 7.16 | 5.09 | 2.40 | 7.36 | 5.08 | 2.40 |
| | 46 | 3.98 | 3.75 | 1.88 | 4.44 | 3.78 | 1.88 | 4.59 | 4.11 | 1.88 | 4.89 | 4.12 | 1.88 | 5.04 | 4.45 | 1.88 | 5.35 | 4.43 | 1.88 | 5.50 | 4.42 | 1.88 |

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO*G18-24L3

## ●Indoor unit : 7000Btu + 7000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 7+7+14 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | -10 | 6.77 | 5.20 | 1.18 | 7.54 | 5.23 | 1.19 | 7.79 | 5.69 | 1.20 | 8.31 | 5.71 | 1.21 | 8.56 | 6.16 | 1.22 | 9.08 | 6.14 | 1.23 | 9.34 | 6.13 | 1.24 |
| | -5 | 6.48 | 5.07 | 1.33 | 7.22 | 5.10 | 1.35 | 7.47 | 5.55 | 1.36 | 7.96 | 5.57 | 1.37 | 8.21 | 6.01 | 1.38 | 8.70 | 5.99 | 1.40 | 8.95 | 5.98 | 1.40 |
| | 0 | 6.37 | 5.02 | 1.47 | 7.10 | 5.05 | 1.49 | 7.34 | 5.49 | 1.50 | 7.82 | 5.51 | 1.52 | 8.06 | 5.95 | 1.52 | 8.55 | 5.93 | 1.54 | 8.79 | 5.92 | 1.55 |
| | 5 | 6.31 | 5.00 | 1.51 | 7.03 | 5.03 | 1.53 | 7.27 | 5.46 | 1.54 | 7.75 | 5.48 | 1.56 | 7.99 | 5.92 | 1.56 | 8.47 | 5.90 | 1.58 | 8.71 | 5.89 | 1.59 |
| | 10 | 6.37 | 5.02 | 1.53 | 7.10 | 5.05 | 1.55 | 7.34 | 5.49 | 1.56 | 7.82 | 5.51 | 1.58 | 8.06 | 5.95 | 1.58 | 8.55 | 5.93 | 1.60 | 8.79 | 5.92 | 1.61 |
| | 15 | 6.47 | 5.07 | 1.74 | 7.21 | 5.10 | 1.76 | 7.46 | 5.54 | 1.77 | 7.95 | 5.56 | 1.79 | 8.19 | 6.00 | 1.80 | 8.68 | 5.98 | 1.82 | 8.93 | 5.97 | 1.83 |
| | 20 | 7.38 | 5.47 | 2.18 | 8.22 | 5.50 | 2.22 | 8.50 | 5.98 | 2.23 | 9.06 | 6.00 | 2.25 | 9.34 | 6.48 | 2.26 | 9.90 | 6.46 | 2.29 | 10.18 | 6.45 | 2.30 |
| | 25 | 7.15 | 5.37 | 2.21 | 7.97 | 5.40 | 2.25 | 8.24 | 5.87 | 2.26 | 8.78 | 5.89 | 2.28 | 9.05 | 6.36 | 2.29 | 9.59 | 6.34 | 2.31 | 9.87 | 6.33 | 2.33 |
| | 30 | 6.78 | 5.20 | 2.43 | 7.55 | 5.24 | 2.47 | 7.81 | 5.69 | 2.48 | 8.32 | 5.71 | 2.50 | 8.58 | 6.17 | 2.52 | 9.09 | 6.15 | 2.54 | 9.35 | 6.13 | 2.55 |
| | 35 | 6.64 | 5.14 | 2.77 | 7.39 | 5.17 | 2.87 | 7.64 | 5.62 | 2.87 | 8.15 | 5.64 | 2.87 | 8.40 | 6.09 | 2.87 | 8.90 | 6.07 | 2.87 | 9.16 | 6.06 | 2.87 |
| | 40 | 5.53 | 4.63 | 2.32 | 6.16 | 4.66 | 2.40 | 6.37 | 5.06 | 2.40 | 6.79 | 5.08 | 2.40 | 7.00 | 5.48 | 2.40 | 7.42 | 5.46 | 2.40 | 7.63 | 5.45 | 2.40 |
| | 46 | 4.09 | 4.08 | 1.88 | 4.56 | 4.10 | 1.88 | 4.71 | 4.46 | 1.88 | 5.03 | 4.48 | 1.88 | 5.18 | 4.83 | 1.88 | 5.49 | 4.81 | 1.88 | 5.65 | 4.81 | 1.88 |

## ●Indoor unit : 7000Btu + 7000Btu + 18000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 7+7+18 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | -10 | 7.14 | 5.38 | 1.29 | 7.96 | 5.41 | 1.31 | 8.23 | 5.88 | 1.31 | 8.77 | 5.91 | 1.33 | 9.04 | 6.38 | 1.33 | 9.59 | 6.35 | 1.35 | 9.86 | 6.34 | 1.35 |
| | -5 | 6.85 | 5.25 | 1.46 | 7.63 | 5.28 | 1.48 | 7.89 | 5.74 | 1.49 | 8.41 | 5.76 | 1.50 | 8.67 | 6.22 | 1.51 | 9.19 | 6.20 | 1.53 | 9.45 | 6.19 | 1.53 |
| | 0 | 6.73 | 5.20 | 1.61 | 7.49 | 5.23 | 1.63 | 7.75 | 5.68 | 1.64 | 8.26 | 5.70 | 1.66 | 8.52 | 6.16 | 1.67 | 9.03 | 6.13 | 1.68 | 9.28 | 6.12 | 1.69 |
| | 5 | 6.67 | 5.17 | 1.65 | 7.43 | 5.20 | 1.68 | 7.68 | 5.65 | 1.69 | 8.19 | 5.67 | 1.70 | 8.44 | 6.13 | 1.71 | 8.95 | 6.10 | 1.73 | 9.20 | 6.09 | 1.74 |
| | 10 | 7.00 | 5.32 | 1.82 | 7.80 | 5.35 | 1.85 | 8.07 | 5.81 | 1.86 | 8.60 | 5.84 | 1.88 | 8.86 | 6.30 | 1.89 | 9.40 | 6.28 | 1.91 | 9.66 | 6.27 | 1.92 |
| | 15 | 7.08 | 5.35 | 2.05 | 7.88 | 5.38 | 2.08 | 8.15 | 5.85 | 2.09 | 8.69 | 5.87 | 2.11 | 8.96 | 6.34 | 2.12 | 9.50 | 6.32 | 2.15 | 9.77 | 6.31 | 2.16 |
| | 20 | 7.73 | 5.63 | 2.35 | 8.61 | 5.67 | 2.38 | 8.90 | 6.16 | 2.39 | 9.49 | 6.18 | 2.42 | 9.78 | 6.67 | 2.43 | 10.37 | 6.65 | 2.46 | 10.66 | 6.64 | 2.47 |
| | 25 | 7.48 | 5.53 | 2.38 | 8.34 | 5.56 | 2.41 | 8.62 | 6.04 | 2.42 | 9.19 | 6.07 | 2.45 | 9.47 | 6.55 | 2.46 | 10.04 | 6.53 | 2.49 | 10.33 | 6.51 | 2.50 |
| | 30 | 7.09 | 5.36 | 2.61 | 7.90 | 5.39 | 2.65 | 8.17 | 5.86 | 2.66 | 8.71 | 5.88 | 2.69 | 8.98 | 6.35 | 2.70 | 9.52 | 6.33 | 2.73 | 9.79 | 6.32 | 2.75 |
| | 35 | 6.72 | 5.19 | 2.77 | 7.48 | 5.22 | 2.87 | 7.74 | 5.68 | 2.87 | 8.25 | 5.70 | 2.87 | 8.50 | 6.15 | 2.87 | 9.01 | 6.13 | 2.87 | 9.27 | 6.12 | 2.87 |
| | 40 | 5.60 | 4.67 | 2.32 | 6.24 | 4.70 | 2.40 | 6.45 | 5.11 | 2.40 | 6.87 | 5.13 | 2.40 | 7.09 | 5.53 | 2.40 | 7.51 | 5.51 | 2.40 | 7.73 | 5.50 | 2.40 |
| | 46 | 4.14 | 4.12 | 1.88 | 4.61 | 4.14 | 1.88 | 4.77 | 4.50 | 1.88 | 5.09 | 4.52 | 1.88 | 5.24 | 4.88 | 1.88 | 5.56 | 4.86 | 1.88 | 5.71 | 4.85 | 1.88 |

## ●Indoor unit : 7000Btu + 9000Btu + 9000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 7+9+9 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | -10 | 5.76 | 4.55 | 0.88 | 6.42 | 4.58 | 0.89 | 6.64 | 4.97 | 0.90 | 7.08 | 4.99 | 0.91 | 7.29 | 5.39 | 0.91 | 7.73 | 5.37 | 0.92 | 7.95 | 5.36 | 0.93 |
| | -5 | 5.52 | 4.44 | 1.00 | 6.15 | 4.47 | 1.01 | 6.36 | 4.85 | 1.02 | 6.78 | 4.87 | 1.03 | 6.99 | 5.26 | 1.03 | 7.41 | 5.24 | 1.04 | 7.62 | 5.23 | 1.05 |
| | 0 | 5.43 | 4.39 | 1.10 | 6.04 | 4.42 | 1.12 | 6.25 | 4.80 | 1.12 | 6.66 | 4.82 | 1.14 | 6.87 | 5.21 | 1.14 | 7.28 | 5.19 | 1.15 | 7.49 | 5.18 | 1.16 |
| | 5 | 5.38 | 4.37 | 1.13 | 5.99 | 4.40 | 1.15 | 6.20 | 4.78 | 1.15 | 6.60 | 4.80 | 1.17 | 6.81 | 5.18 | 1.17 | 7.22 | 5.16 | 1.18 | 7.42 | 5.15 | 1.19 |
| | 10 | 5.43 | 4.39 | 1.14 | 6.04 | 4.42 | 1.16 | 6.25 | 4.80 | 1.17 | 6.66 | 4.82 | 1.18 | 6.87 | 5.21 | 1.19 | 7.28 | 5.19 | 1.20 | 7.49 | 5.18 | 1.20 |
| | 15 | 5.73 | 4.53 | 1.41 | 6.38 | 4.56 | 1.43 | 6.60 | 4.96 | 1.44 | 7.04 | 4.98 | 1.46 | 7.25 | 5.37 | 1.46 | 7.69 | 5.35 | 1.48 | 7.91 | 5.34 | 1.49 |
| | 20 | 6.85 | 5.03 | 1.96 | 7.63 | 5.06 | 1.99 | 7.89 | 5.50 | 2.00 | 8.41 | 5.52 | 2.02 | 8.67 | 5.96 | 2.03 | 9.19 | 5.94 | 2.05 | 9.45 | 5.93 | 2.06 |
| | 25 | 6.64 | 4.94 | 1.99 | 7.39 | 4.97 | 2.02 | 7.64 | 5.40 | 2.03 | 8.15 | 5.42 | 2.05 | 8.40 | 5.85 | 2.06 | 8.90 | 5.83 | 2.08 | 9.16 | 5.82 | 2.09 |
| | 30 | 6.29 | 4.78 | 2.18 | 7.01 | 4.82 | 2.22 | 7.25 | 5.23 | 2.23 | 7.72 | 5.25 | 2.25 | 7.96 | 5.67 | 2.26 | 8.44 | 5.65 | 2.28 | 8.68 | 5.64 | 2.30 |
| | 35 | 6.48 | 4.87 | 2.77 | 7.22 | 4.90 | 2.87 | 7.46 | 5.32 | 2.87 | 7.95 | 5.34 | 2.87 | 8.20 | 5.77 | 2.87 | 8.69 | 5.75 | 2.87 | 8.94 | 5.74 | 2.87 |
| | 40 | 5.40 | 4.38 | 2.32 | 6.02 | 4.41 | 2.40 | 6.22 | 4.79 | 2.40 | 6.63 | 4.81 | 2.40 | 6.84 | 5.19 | 2.40 | 7.25 | 5.17 | 2.40 | 7.45 | 5.16 | 2.40 |
| | 46 | 4.00 | 3.86 | 1.88 | 4.45 | 3.88 | 1.88 | 4.60 | 4.22 | 1.88 | 4.91 | 4.24 | 1.88 | 5.06 | 4.57 | 1.88 | 5.36 | 4.56 | 1.88 | 5.51 | 4.55 | 1.88 |

## ●Indoor unit : 7000Btu + 9000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 7+9+12 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | -10 | 6.25 | 4.82 | 1.05 | 6.96 | 4.85 | 1.06 | 7.20 | 5.27 | 1.07 | 7.68 | 5.29 | 1.08 | 7.91 | 5.71 | 1.08 | 8.39 | 5.69 | 1.10 | 8.63 | 5.68 | 1.10 |
| | -5 | 5.99 | 4.70 | 1.19 | 6.67 | 4.73 | 1.20 | 6.90 | 5.14 | 1.21 | 7.36 | 5.16 | 1.22 | 7.58 | 5.57 | 1.23 | 8.04 | 5.55 | 1.24 | 8.27 | 5.54 | 1.25 |
| | 0 | 5.89 | 4.65 | 1.31 | 6.56 | 4.68 | 1.33 | 6.78 | 5.09 | 1.34 | 7.23 | 5.11 | 1.35 | 7.45 | 5.51 | 1.36 | 7.90 | 5.49 | 1.37 | 8.12 | 5.48 | 1.38 |
| | 5 | 5.83 | 4.63 | 1.34 | 6.50 | 4.66 | 1.36 | 6.72 | 5.06 | 1.37 | 7.16 | 5.08 | 1.38 | 7.39 | 5.49 | 1.39 | 7.83 | 5.47 | 1.41 | 8.05 | 5.46 | 1.41 |
| | 10 | 5.89 | 4.65 | 1.36 | 6.56 | 4.68 | 1.38 | 6.78 | 5.09 | 1.39 | 7.23 | 5.11 | 1.40 | 7.45 | 5.51 | 1.41 | 7.90 | 5.49 | 1.42 | 8.12 | 5.48 | 1.43 |
| | 15 | 6.05 | 4.73 | 1.59 | 6.74 | 4.76 | 1.61 | 6.97 | 5.17 | 1.62 | 7.43 | 5.19 | 1.64 | 7.66 | 5.61 | 1.65 | 8.12 | 5.59 | 1.66 | 8.35 | 5.57 | 1.67 |
| | 20 | 7.21 | 5.23 | 2.18 | 8.03 | 5.27 | 2.22 | 8.30 | 5.72 | 2.23 | 8.85 | 5.74 | 2.25 | 9.12 | 6.20 | 2.26 | 9.67 | 6.18 | 2.29 | 9.94 | 6.17 | 2.30 |
| | 25 | 6.98 | 5.14 | 2.21 | 7.78 | 5.17 | 2.25 | 8.04 | 5.62 | 2.26 | 8.57 | 5.64 | 2.28 | 8.84 | 6.09 | 2.29 | 9.37 | 6.07 | 2.31 | 9.63 | 6.05 | 2.33 |
| | 30 | 6.62 | 4.98 | 2.43 | 7.37 | 5.01 | 2.47 | 7.62 | 5.45 | 2.48 | 8.12 | 5.47 | 2.50 | 8.38 | 5.90 | 2.52 | 8.88 | 5.88 | 2.54 | 9.13 | 5.87 | 2.55 |
| | 35 | 6.48 | 4.92 | 2.77 | 7.22 | 4.95 | 2.87 | 7.46 | 5.38 | 2.87 | 7.95 | 5.40 | 2.87 | 8.20 | 5.83 | 2.87 | 8.69 | 5.81 | 2.87 | 8.94 | 5.80 | 2.87 |
| | 40 | 5.40 | 4.43 | 2.32 | 6.02 | 4.46 | 2.40 | 6.22 | 4.84 | 2.40 | 6.63 | 4.86 | 2.40 | 6.84 | 5.25 | 2.40 | 7.25 | 5.23 | 2.40 | 7.45 | 5.22 | 2.40 |
| | 46 | 4.00 | 3.90 | 1.88 | 4.45 | 3.93 | 1.88 | 4.60 | 4.27 | 1.88 | 4.91 | 4.28 | 1.88 | 5.06 | 4.62 | 1.88 | 5.36 | 4.61 | 1.88 | 5.51 | 4.60 | 1.88 |

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

## ● Indoor unit : 7000Btu + 9000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 7+9+14 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | -10 | 6.77 | 5.29 | 1.18 | 7.54 | 5.33 | 1.19 | 7.79 | 5.79 | 1.20 | 8.31 | 5.81 | 1.21 | 8.56 | 6.27 | 1.22 | 9.08 | 6.25 | 1.23 | 9.34 | 6.24 | 1.24 |
| | -5 | 6.48 | 5.17 | 1.33 | 7.22 | 5.20 | 1.35 | 7.47 | 5.65 | 1.36 | 7.96 | 5.67 | 1.37 | 8.21 | 6.12 | 1.38 | 8.70 | 6.10 | 1.40 | 8.95 | 6.09 | 1.40 |
| | 0 | 6.37 | 5.11 | 1.47 | 7.10 | 5.15 | 1.49 | 7.34 | 5.59 | 1.50 | 7.82 | 5.61 | 1.52 | 8.06 | 6.06 | 1.52 | 8.55 | 6.04 | 1.54 | 8.79 | 6.03 | 1.55 |
| | 5 | 6.31 | 5.09 | 1.51 | 7.03 | 5.12 | 1.53 | 7.27 | 5.56 | 1.54 | 7.75 | 5.58 | 1.56 | 7.99 | 6.03 | 1.56 | 8.47 | 6.01 | 1.58 | 8.71 | 6.00 | 1.59 |
| | 10 | 6.37 | 5.11 | 1.53 | 7.10 | 5.15 | 1.55 | 7.34 | 5.59 | 1.56 | 7.82 | 5.61 | 1.58 | 8.06 | 6.06 | 1.58 | 8.55 | 6.04 | 1.60 | 8.79 | 6.03 | 1.61 |
| | 15 | 6.89 | 5.35 | 1.99 | 7.68 | 5.39 | 2.02 | 7.94 | 5.85 | 2.03 | 8.46 | 5.88 | 2.05 | 8.72 | 6.34 | 2.06 | 9.25 | 6.32 | 2.08 | 9.51 | 6.31 | 2.09 |
| | 20 | 7.64 | 5.68 | 2.35 | 8.51 | 5.72 | 2.38 | 8.80 | 6.21 | 2.39 | 9.37 | 6.23 | 2.42 | 9.66 | 6.73 | 2.43 | 10.24 | 6.71 | 2.46 | 10.53 | 6.69 | 2.47 |
| | 25 | 7.40 | 5.58 | 2.38 | 8.24 | 5.61 | 2.41 | 8.52 | 6.10 | 2.42 | 9.08 | 6.12 | 2.45 | 9.36 | 6.61 | 2.46 | 9.92 | 6.58 | 2.49 | 10.21 | 6.57 | 2.50 |
| | 30 | 7.01 | 5.40 | 2.61 | 7.81 | 5.44 | 2.65 | 8.08 | 5.91 | 2.66 | 8.61 | 5.93 | 2.69 | 8.88 | 6.41 | 2.70 | 9.41 | 6.38 | 2.73 | 9.67 | 6.37 | 2.75 |
| | 35 | 6.64 | 5.24 | 2.77 | 7.39 | 5.27 | 2.87 | 7.64 | 5.73 | 2.87 | 8.15 | 5.75 | 2.87 | 8.40 | 6.20 | 2.87 | 8.90 | 6.18 | 2.87 | 9.16 | 6.17 | 2.87 |
| | 40 | 5.53 | 4.71 | 2.32 | 6.16 | 4.74 | 2.40 | 6.37 | 5.15 | 2.40 | 6.79 | 5.17 | 2.40 | 7.00 | 5.58 | 2.40 | 7.42 | 5.56 | 2.40 | 7.63 | 5.55 | 2.40 |
| | 46 | 4.09 | 4.09 | 1.88 | 4.56 | 4.18 | 1.88 | 4.71 | 4.54 | 1.88 | 5.03 | 4.56 | 1.88 | 5.18 | 4.92 | 1.88 | 5.49 | 4.90 | 1.88 | 5.65 | 4.89 | 1.88 |

## ● Indoor unit : 7000Btu + 9000Btu + 18000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 7+9+18 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | -10 | 7.14 | 5.48 | 1.29 | 7.96 | 5.51 | 1.31 | 8.23 | 5.99 | 1.31 | 8.77 | 6.02 | 1.33 | 9.04 | 6.49 | 1.33 | 9.59 | 6.47 | 1.35 | 9.86 | 6.46 | 1.35 |
| | -5 | 6.85 | 5.35 | 1.46 | 7.63 | 5.38 | 1.48 | 7.89 | 5.85 | 1.49 | 8.41 | 5.87 | 1.50 | 8.67 | 6.34 | 1.51 | 9.19 | 6.31 | 1.53 | 9.45 | 6.30 | 1.53 |
| | 0 | 6.73 | 5.29 | 1.61 | 7.49 | 5.33 | 1.63 | 7.75 | 5.79 | 1.64 | 8.26 | 5.81 | 1.66 | 8.52 | 6.27 | 1.67 | 9.03 | 6.25 | 1.68 | 9.28 | 6.24 | 1.69 |
| | 5 | 6.67 | 5.26 | 1.65 | 7.43 | 5.30 | 1.68 | 7.68 | 5.76 | 1.69 | 8.19 | 5.78 | 1.70 | 8.44 | 6.24 | 1.71 | 8.95 | 6.22 | 1.73 | 9.20 | 6.21 | 1.74 |
| | 10 | 7.16 | 5.49 | 1.91 | 7.98 | 5.52 | 1.94 | 8.25 | 6.00 | 1.95 | 8.80 | 6.03 | 1.97 | 9.07 | 6.50 | 1.98 | 9.61 | 6.48 | 2.00 | 9.89 | 6.47 | 2.01 |
| | 15 | 7.08 | 5.45 | 2.05 | 7.88 | 5.48 | 2.08 | 8.15 | 5.96 | 2.09 | 8.69 | 5.98 | 2.11 | 8.96 | 6.46 | 2.12 | 9.50 | 6.44 | 2.15 | 9.77 | 6.42 | 2.16 |
| | 20 | 7.73 | 5.73 | 2.35 | 8.61 | 5.77 | 2.38 | 8.90 | 6.27 | 2.39 | 9.49 | 6.30 | 2.42 | 9.78 | 6.80 | 2.43 | 10.37 | 6.77 | 2.46 | 10.66 | 6.76 | 2.47 |
| | 25 | 7.48 | 5.63 | 2.38 | 8.34 | 5.67 | 2.41 | 8.62 | 6.16 | 2.42 | 9.19 | 6.18 | 2.45 | 9.47 | 6.67 | 2.46 | 10.04 | 6.65 | 2.49 | 10.33 | 6.64 | 2.50 |
| | 30 | 7.09 | 5.46 | 2.61 | 7.90 | 5.49 | 2.65 | 8.17 | 5.97 | 2.66 | 8.71 | 5.99 | 2.69 | 8.98 | 6.47 | 2.70 | 9.52 | 6.44 | 2.73 | 9.79 | 6.43 | 2.75 |
| | 35 | 6.72 | 5.29 | 2.77 | 7.48 | 5.32 | 2.87 | 7.74 | 5.78 | 2.87 | 8.25 | 5.80 | 2.87 | 8.50 | 6.26 | 2.87 | 9.01 | 6.24 | 2.87 | 9.27 | 6.23 | 2.87 |
| | 40 | 5.60 | 4.76 | 2.32 | 6.24 | 4.79 | 2.40 | 6.45 | 5.20 | 2.40 | 6.87 | 5.22 | 2.40 | 7.09 | 5.64 | 2.40 | 7.51 | 5.62 | 2.40 | 7.73 | 5.61 | 2.40 |
| | 46 | 4.14 | 4.14 | 1.88 | 4.61 | 4.22 | 1.88 | 4.77 | 4.58 | 1.88 | 5.09 | 4.60 | 1.88 | 5.24 | 4.97 | 1.88 | 5.56 | 4.95 | 1.88 | 5.71 | 4.94 | 1.88 |

## ● Indoor unit : 7000Btu + 12000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 7+12+12 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | -10 | 6.60 | 5.03 | 1.18 | 7.36 | 5.06 | 1.19 | 7.61 | 5.50 | 1.20 | 8.11 | 5.52 | 1.21 | 8.36 | 5.96 | 1.22 | 8.86 | 5.94 | 1.23 | 9.11 | 5.92 | 1.24 |
| | -5 | 6.33 | 4.90 | 1.33 | 7.05 | 4.94 | 1.35 | 7.29 | 5.36 | 1.36 | 7.77 | 5.38 | 1.37 | 8.01 | 5.81 | 1.38 | 8.49 | 5.79 | 1.40 | 8.73 | 5.78 | 1.40 |
| | 0 | 6.22 | 4.85 | 1.47 | 6.93 | 4.89 | 1.49 | 7.16 | 5.31 | 1.50 | 7.64 | 5.33 | 1.52 | 7.87 | 5.75 | 1.52 | 8.35 | 5.73 | 1.54 | 8.58 | 5.72 | 1.55 |
| | 5 | 6.16 | 4.83 | 1.51 | 6.87 | 4.86 | 1.53 | 7.10 | 5.28 | 1.54 | 7.57 | 5.30 | 1.56 | 7.80 | 5.72 | 1.56 | 8.27 | 5.70 | 1.58 | 8.51 | 5.69 | 1.59 |
| | 10 | 6.22 | 4.85 | 1.53 | 6.93 | 4.89 | 1.55 | 7.16 | 5.31 | 1.56 | 7.64 | 5.33 | 1.58 | 7.87 | 5.75 | 1.58 | 8.35 | 5.73 | 1.60 | 8.58 | 5.72 | 1.61 |
| | 15 | 6.32 | 4.90 | 1.74 | 7.04 | 4.93 | 1.76 | 7.28 | 5.36 | 1.77 | 7.76 | 5.38 | 1.79 | 8.00 | 5.81 | 1.80 | 8.48 | 5.78 | 1.82 | 8.72 | 5.77 | 1.83 |
| | 20 | 7.45 | 5.39 | 2.35 | 8.30 | 5.43 | 2.38 | 8.59 | 5.90 | 2.39 | 9.15 | 5.92 | 2.42 | 9.43 | 6.39 | 2.43 | 10.00 | 6.37 | 2.46 | 10.28 | 6.35 | 2.47 |
| | 25 | 7.22 | 5.29 | 2.38 | 8.04 | 5.33 | 2.41 | 8.32 | 5.79 | 2.42 | 8.87 | 5.81 | 2.45 | 9.14 | 6.27 | 2.46 | 9.69 | 6.25 | 2.49 | 9.96 | 6.24 | 2.50 |
| | 30 | 6.84 | 5.13 | 2.61 | 7.62 | 5.16 | 2.65 | 7.88 | 5.61 | 2.66 | 8.40 | 5.63 | 2.69 | 8.66 | 6.08 | 2.70 | 9.18 | 6.06 | 2.73 | 9.44 | 6.05 | 2.75 |
| | 35 | 6.48 | 4.97 | 2.77 | 7.22 | 5.00 | 2.87 | 7.46 | 5.44 | 2.87 | 7.95 | 5.46 | 2.87 | 8.20 | 5.89 | 2.87 | 8.69 | 5.87 | 2.87 | 8.94 | 5.86 | 2.87 |
| | 40 | 5.40 | 4.47 | 2.32 | 6.02 | 4.50 | 2.40 | 6.22 | 4.89 | 2.40 | 6.63 | 4.91 | 2.40 | 6.84 | 5.30 | 2.40 | 7.25 | 5.28 | 2.40 | 7.45 | 5.27 | 2.40 |
| | 46 | 4.00 | 3.94 | 1.88 | 4.45 | 3.97 | 1.88 | 4.60 | 4.31 | 1.88 | 4.91 | 4.33 | 1.88 | 5.06 | 4.67 | 1.88 | 5.36 | 4.65 | 1.88 | 5.51 | 4.65 | 1.88 |

## ● Indoor unit : 7000Btu + 12000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 7+12+14 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | -10 | 7.14 | 5.55 | 1.29 | 7.96 | 5.58 | 1.31 | 8.23 | 6.07 | 1.31 | 8.77 | 6.09 | 1.33 | 9.04 | 6.58 | 1.33 | 9.59 | 6.55 | 1.35 | 9.86 | 6.54 | 1.35 |
| | -5 | 6.85 | 5.41 | 1.46 | 7.63 | 5.45 | 1.48 | 7.89 | 5.92 | 1.49 | 8.41 | 5.94 | 1.50 | 8.67 | 6.42 | 1.51 | 9.19 | 6.39 | 1.53 | 9.45 | 6.38 | 1.53 |
| | 0 | 6.73 | 5.36 | 1.61 | 7.49 | 5.39 | 1.63 | 7.75 | 5.86 | 1.64 | 8.26 | 5.88 | 1.66 | 8.52 | 6.35 | 1.67 | 9.03 | 6.33 | 1.68 | 9.28 | 6.32 | 1.69 |
| | 5 | 6.67 | 5.33 | 1.65 | 7.43 | 5.36 | 1.68 | 7.68 | 5.83 | 1.69 | 8.19 | 5.85 | 1.70 | 8.44 | 6.32 | 1.71 | 8.95 | 6.29 | 1.73 | 9.20 | 6.28 | 1.74 |
| | 10 | 7.00 | 5.48 | 1.82 | 7.80 | 5.52 | 1.85 | 8.07 | 6.00 | 1.86 | 8.60 | 6.02 | 1.88 | 8.86 | 6.50 | 1.89 | 9.40 | 6.48 | 1.91 | 9.66 | 6.46 | 1.92 |
| | 15 | 7.08 | 5.52 | 2.05 | 7.88 | 5.55 | 2.08 | 8.15 | 6.04 | 2.09 | 8.69 | 6.06 | 2.11 | 8.96 | 6.54 | 2.12 | 9.50 | 6.52 | 2.15 | 9.77 | 6.51 | 2.16 |
| | 20 | 7.73 | 5.81 | 2.35 | 8.61 | 5.84 | 2.38 | 8.90 | 6.35 | 2.39 | 9.49 | 6.37 | 2.42 | 9.78 | 6.88 | 2.43 | 10.37 | 6.86 | 2.46 | 10.66 | 6.84 | 2.47 |
| | 25 | 7.48 | 5.70 | 2.38 | 8.34 | 5.74 | 2.41 | 8.62 | 6.23 | 2.42 | 9.19 | 6.26 | 2.45 | 9.47 | 6.76 | 2.46 | 10.04 | 6.73 | 2.49 | 10.33 | 6.72 | 2.50 |
| | 30 | 7.09 | 5.53 | 2.61 | 7.90 | 5.56 | 2.65 | 8.17 | 6.04 | 2.66 | 8.71 | 6.07 | 2.69 | 8.98 | 6.55 | 2.70 | 9.52 | 6.53 | 2.73 | 9.79 | 6.51 | 2.75 |
| | 35 | 6.72 | 5.35 | 2.77 | 7.48 | 5.39 | 2.87 | 7.74 | 5.85 | 2.87 | 8.25 | 5.88 | 2.87 | 8.50 | 6.34 | 2.87 | 9.01 | 6.32 | 2.87 | 9.27 | 6.31 | 2.87 |
| | 40 | 5.60 | 4.82 | 2.32 | 6.24 | 4.85 | 2.40 | 6.45 | 5.27 | 2.40 | 6.87 | 5.29 | 2.40 | 7.09 | 5.71 | 2.40 | 7.51 | 5.69 | 2.40 | 7.73 | 5.68 | 2.40 |
| | 46 | 4.14 | 4.14 | 1.88 | 4.61 | 4.27 | 1.88 | 4.77 | 4.64 | 1.88 | 5.09 | 4.66 | 1.88 | 5.24 | 5.03 | 1.88 | 5.56 | 5.01 | 1.88 | 5.71 | 5.00 | 1.88 |

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO*G18-24L3

## ●Indoor unit : 9000Btu + 9000Btu + 9000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 9+9+9 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | -10 | 5.89 | 4.67 | 0.92 | 6.56 | 4.70 | 0.94 | 6.78 | 5.11 | 0.94 | 7.23 | 5.13 | 0.95 | 7.45 | 5.54 | 0.95 | 7.90 | 5.52 | 0.96 | 8.12 | 5.51 | 0.97 |
| | -5 | 5.64 | 4.56 | 1.04 | 6.28 | 4.59 | 1.06 | 6.50 | 4.99 | 1.07 | 6.93 | 5.01 | 1.08 | 7.14 | 5.40 | 1.08 | 7.57 | 5.38 | 1.09 | 7.78 | 5.38 | 1.10 |
| | 0 | 5.54 | 4.51 | 1.15 | 6.18 | 4.54 | 1.17 | 6.39 | 4.94 | 1.18 | 6.81 | 4.96 | 1.19 | 7.02 | 5.35 | 1.19 | 7.44 | 5.33 | 1.21 | 7.65 | 5.32 | 1.21 |
| | 5 | 5.49 | 4.49 | 1.18 | 6.12 | 4.52 | 1.20 | 6.33 | 4.91 | 1.21 | 6.75 | 4.93 | 1.22 | 6.96 | 5.32 | 1.23 | 7.37 | 5.30 | 1.24 | 7.58 | 5.29 | 1.24 |
| | 10 | 5.54 | 4.51 | 1.20 | 6.18 | 4.54 | 1.22 | 6.39 | 4.94 | 1.22 | 6.81 | 4.96 | 1.24 | 7.02 | 5.35 | 1.24 | 7.44 | 5.33 | 1.25 | 7.65 | 5.32 | 1.26 |
| | 15 | 6.05 | 4.75 | 1.59 | 6.74 | 4.78 | 1.61 | 6.97 | 5.20 | 1.62 | 7.43 | 5.22 | 1.64 | 7.66 | 5.63 | 1.65 | 8.12 | 5.61 | 1.66 | 8.35 | 5.60 | 1.67 |
| | 20 | 6.95 | 5.15 | 2.02 | 7.74 | 5.18 | 2.06 | 8.01 | 5.63 | 2.07 | 8.54 | 5.65 | 2.09 | 8.80 | 6.10 | 2.10 | 9.33 | 6.08 | 2.12 | 9.59 | 6.07 | 2.13 |
| | 25 | 6.74 | 5.05 | 2.05 | 7.50 | 5.09 | 2.08 | 7.76 | 5.53 | 2.09 | 8.27 | 5.55 | 2.11 | 8.53 | 5.99 | 2.12 | 9.04 | 5.97 | 2.15 | 9.29 | 5.96 | 2.16 |
| | 30 | 6.38 | 4.90 | 2.25 | 7.11 | 4.93 | 2.29 | 7.35 | 5.36 | 2.30 | 7.84 | 5.38 | 2.32 | 8.08 | 5.81 | 2.33 | 8.57 | 5.79 | 2.36 | 8.81 | 5.78 | 2.37 |
| | 35 | 6.48 | 4.94 | 2.77 | 7.22 | 4.97 | 2.87 | 7.46 | 5.40 | 2.87 | 7.95 | 5.42 | 2.87 | 8.20 | 5.86 | 2.87 | 8.69 | 5.83 | 2.87 | 8.94 | 5.82 | 2.87 |
| | 40 | 5.40 | 4.45 | 2.32 | 6.02 | 4.48 | 2.40 | 6.22 | 4.86 | 2.40 | 6.63 | 4.88 | 2.40 | 6.84 | 5.27 | 2.40 | 7.25 | 5.25 | 2.40 | 7.45 | 5.24 | 2.40 |
| | 46 | 4.00 | 3.92 | 1.88 | 4.45 | 3.94 | 1.88 | 4.60 | 4.28 | 1.88 | 4.91 | 4.30 | 1.88 | 5.06 | 4.64 | 1.88 | 5.36 | 4.63 | 1.88 | 5.51 | 4.62 | 1.88 |

## ●Indoor unit : 9000Btu + 9000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 9+9+12 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | -10 | 6.33 | 4.95 | 1.05 | 7.05 | 4.98 | 1.06 | 7.29 | 5.41 | 1.07 | 7.77 | 5.44 | 1.08 | 8.01 | 5.87 | 1.08 | 8.49 | 5.85 | 1.10 | 8.73 | 5.84 | 1.10 |
| | -5 | 6.06 | 4.83 | 1.19 | 6.75 | 4.86 | 1.20 | 6.98 | 5.28 | 1.21 | 7.45 | 5.30 | 1.22 | 7.68 | 5.72 | 1.23 | 8.14 | 5.70 | 1.24 | 8.37 | 5.69 | 1.25 |
| | 0 | 5.96 | 4.78 | 1.31 | 6.64 | 4.81 | 1.33 | 6.86 | 5.23 | 1.34 | 7.32 | 5.25 | 1.35 | 7.54 | 5.67 | 1.36 | 7.99 | 5.65 | 1.37 | 8.22 | 5.64 | 1.38 |
| | 5 | 5.91 | 4.76 | 1.34 | 6.58 | 4.79 | 1.36 | 6.80 | 5.20 | 1.37 | 7.25 | 5.22 | 1.38 | 7.48 | 5.64 | 1.39 | 7.92 | 5.62 | 1.41 | 8.15 | 5.61 | 1.41 |
| | 10 | 5.96 | 4.78 | 1.36 | 6.64 | 4.81 | 1.38 | 6.86 | 5.23 | 1.39 | 7.32 | 5.25 | 1.40 | 7.54 | 5.67 | 1.41 | 7.99 | 5.65 | 1.42 | 8.22 | 5.64 | 1.43 |
| | 15 | 6.39 | 4.98 | 1.74 | 7.12 | 5.01 | 1.76 | 7.37 | 5.45 | 1.77 | 7.85 | 5.47 | 1.79 | 8.09 | 5.90 | 1.80 | 8.58 | 5.88 | 1.82 | 8.82 | 5.87 | 1.83 |
| | 20 | 7.54 | 5.48 | 2.35 | 8.40 | 5.52 | 2.38 | 8.69 | 6.00 | 2.39 | 9.26 | 6.02 | 2.42 | 9.55 | 6.50 | 2.43 | 10.12 | 6.47 | 2.46 | 10.41 | 6.46 | 2.47 |
| | 25 | 7.31 | 5.38 | 2.38 | 8.14 | 5.42 | 2.41 | 8.42 | 5.89 | 2.42 | 8.97 | 5.91 | 2.45 | 9.25 | 6.38 | 2.46 | 9.81 | 6.36 | 2.49 | 10.08 | 6.34 | 2.50 |
| | 30 | 6.93 | 5.22 | 2.61 | 7.72 | 5.25 | 2.65 | 7.98 | 5.71 | 2.66 | 8.51 | 5.73 | 2.69 | 8.77 | 6.18 | 2.70 | 9.30 | 6.16 | 2.73 | 9.56 | 6.15 | 2.75 |
| | 35 | 6.56 | 5.05 | 2.77 | 7.30 | 5.09 | 2.87 | 7.55 | 5.53 | 2.87 | 8.05 | 5.55 | 2.87 | 8.30 | 5.99 | 2.87 | 8.80 | 5.97 | 2.87 | 9.05 | 5.96 | 2.87 |
| | 40 | 5.47 | 4.55 | 2.32 | 6.09 | 4.58 | 2.40 | 6.30 | 4.97 | 2.40 | 6.71 | 4.99 | 2.40 | 6.92 | 5.39 | 2.40 | 7.34 | 5.37 | 2.40 | 7.54 | 5.36 | 2.40 |
| | 46 | 4.04 | 4.01 | 1.88 | 4.51 | 4.03 | 1.88 | 4.66 | 4.38 | 1.88 | 4.97 | 4.40 | 1.88 | 5.12 | 4.75 | 1.88 | 5.43 | 4.73 | 1.88 | 5.58 | 4.72 | 1.88 |

## ●Indoor unit : 9000Btu + 9000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 9+9+14 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | -10 | 7.14 | 5.58 | 1.29 | 7.96 | 5.61 | 1.31 | 8.23 | 6.10 | 1.31 | 8.77 | 6.12 | 1.33 | 9.04 | 6.61 | 1.33 | 9.59 | 6.58 | 1.35 | 9.86 | 6.57 | 1.35 |
| | -5 | 6.85 | 5.44 | 1.46 | 7.63 | 5.47 | 1.48 | 7.89 | 5.95 | 1.49 | 8.41 | 5.97 | 1.50 | 8.67 | 6.45 | 1.51 | 9.19 | 6.42 | 1.53 | 9.45 | 6.41 | 1.53 |
| | 0 | 6.73 | 5.38 | 1.61 | 7.49 | 5.42 | 1.63 | 7.75 | 5.89 | 1.64 | 8.26 | 5.91 | 1.66 | 8.52 | 6.38 | 1.67 | 9.03 | 6.36 | 1.68 | 9.28 | 6.35 | 1.69 |
| | 5 | 6.67 | 5.36 | 1.65 | 7.43 | 5.39 | 1.68 | 7.68 | 5.86 | 1.69 | 8.19 | 5.88 | 1.70 | 8.44 | 6.35 | 1.71 | 8.95 | 6.33 | 1.73 | 9.20 | 6.31 | 1.74 |
| | 10 | 6.73 | 5.38 | 1.67 | 7.49 | 5.42 | 1.70 | 7.75 | 5.89 | 1.71 | 8.26 | 5.91 | 1.73 | 8.52 | 6.38 | 1.73 | 9.03 | 6.36 | 1.75 | 9.28 | 6.35 | 1.76 |
| | 15 | 7.08 | 5.55 | 2.05 | 7.88 | 5.58 | 2.08 | 8.15 | 6.06 | 2.09 | 8.69 | 6.09 | 2.11 | 8.96 | 6.57 | 2.12 | 9.50 | 6.55 | 2.15 | 9.77 | 6.54 | 2.16 |
| | 20 | 7.73 | 5.83 | 2.35 | 8.61 | 5.87 | 2.38 | 8.90 | 6.38 | 2.39 | 9.49 | 6.41 | 2.42 | 9.78 | 6.91 | 2.43 | 10.37 | 6.89 | 2.46 | 10.66 | 6.88 | 2.47 |
| | 25 | 7.48 | 5.73 | 2.38 | 8.34 | 5.76 | 2.41 | 8.62 | 6.26 | 2.42 | 9.19 | 6.29 | 2.45 | 9.47 | 6.79 | 2.46 | 10.04 | 6.76 | 2.49 | 10.33 | 6.75 | 2.50 |
| | 30 | 7.09 | 5.55 | 2.61 | 7.90 | 5.59 | 2.65 | 8.17 | 6.07 | 2.66 | 8.71 | 6.10 | 2.69 | 8.98 | 6.58 | 2.70 | 9.52 | 6.56 | 2.73 | 9.79 | 6.55 | 2.75 |
| | 35 | 6.72 | 5.38 | 2.77 | 7.48 | 5.41 | 2.87 | 7.74 | 5.88 | 2.87 | 8.25 | 5.90 | 2.87 | 8.50 | 6.37 | 2.87 | 9.01 | 6.35 | 2.87 | 9.27 | 6.34 | 2.87 |
| | 40 | 5.60 | 4.84 | 2.32 | 6.24 | 4.87 | 2.40 | 6.45 | 5.29 | 2.40 | 6.87 | 5.31 | 2.40 | 7.09 | 5.74 | 2.40 | 7.51 | 5.72 | 2.40 | 7.73 | 5.71 | 2.40 |
| | 46 | 4.14 | 4.14 | 1.88 | 4.61 | 4.29 | 1.88 | 4.77 | 4.66 | 1.88 | 5.09 | 4.68 | 1.88 | 5.24 | 5.05 | 1.88 | 5.56 | 5.04 | 1.88 | 5.71 | 5.03 | 1.88 |

## ●Indoor unit* : 9000Btu + 9000Btu + 18000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 9+9+18 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | -10 | 7.14 | 5.56 | 1.29 | 7.96 | 5.60 | 1.31 | 8.23 | 6.09 | 1.31 | 8.77 | 6.11 | 1.33 | 9.04 | 6.59 | 1.33 | 9.59 | 6.57 | 1.35 | 9.86 | 6.56 | 1.35 |
| | -5 | 6.85 | 5.43 | 1.46 | 7.63 | 5.46 | 1.48 | 7.89 | 5.94 | 1.49 | 8.41 | 5.96 | 1.50 | 8.67 | 6.43 | 1.51 | 9.19 | 6.41 | 1.53 | 9.45 | 6.40 | 1.53 |
| | 0 | 6.73 | 5.37 | 1.61 | 7.49 | 5.41 | 1.63 | 7.75 | 5.88 | 1.64 | 8.26 | 5.90 | 1.66 | 8.52 | 6.37 | 1.67 | 9.03 | 6.35 | 1.68 | 9.28 | 6.33 | 1.69 |
| | 5 | 6.67 | 5.35 | 1.65 | 7.43 | 5.38 | 1.68 | 7.68 | 5.85 | 1.69 | 8.19 | 5.87 | 1.70 | 8.44 | 6.34 | 1.71 | 8.95 | 6.31 | 1.73 | 9.20 | 6.30 | 1.74 |
| | 10 | 7.27 | 5.62 | 1.97 | 8.10 | 5.66 | 2.00 | 8.38 | 6.15 | 2.01 | 8.93 | 6.17 | 2.03 | 9.20 | 6.66 | 2.05 | 9.76 | 6.64 | 2.07 | 10.03 | 6.63 | 2.08 |
| | 15 | 7.08 | 5.53 | 2.05 | 7.88 | 5.57 | 2.08 | 8.15 | 6.05 | 2.09 | 8.69 | 6.08 | 2.11 | 8.96 | 6.56 | 2.12 | 9.50 | 6.54 | 2.15 | 9.77 | 6.52 | 2.16 |
| | 20 | 7.73 | 5.82 | 2.35 | 8.61 | 5.86 | 2.38 | 8.90 | 6.37 | 2.39 | 9.49 | 6.39 | 2.42 | 9.78 | 6.90 | 2.43 | 10.37 | 6.88 | 2.46 | 10.66 | 6.86 | 2.47 |
| | 25 | 7.48 | 5.72 | 2.38 | 8.34 | 5.75 | 2.41 | 8.62 | 6.25 | 2.42 | 9.19 | 6.28 | 2.45 | 9.47 | 6.77 | 2.46 | 10.04 | 6.75 | 2.49 | 10.33 | 6.74 | 2.50 |
| | 30 | 7.09 | 5.54 | 2.61 | 7.90 | 5.58 | 2.65 | 8.17 | 6.06 | 2.66 | 8.71 | 6.08 | 2.69 | 8.98 | 6.57 | 2.70 | 9.52 | 6.54 | 2.73 | 9.79 | 6.53 | 2.75 |
| | 35 | 6.72 | 5.37 | 2.77 | 7.48 | 5.40 | 2.87 | 7.74 | 5.87 | 2.87 | 8.25 | 5.89 | 2.87 | 8.50 | 6.36 | 2.87 | 9.01 | 6.34 | 2.87 | 9.27 | 6.33 | 2.87 |
| | 40 | 5.60 | 4.83 | 2.32 | 6.24 | 4.86 | 2.40 | 6.45 | 5.28 | 2.40 | 6.87 | 5.30 | 2.40 | 7.09 | 5.73 | 2.40 | 7.51 | 5.70 | 2.40 | 7.73 | 5.69 | 2.40 |
| | 46 | 4.14 | 4.14 | 1.88 | 4.61 | 4.28 | 1.88 | 4.77 | 4.66 | 1.88 | 5.09 | 4.67 | 1.88 | 5.24 | 5.04 | 1.88 | 5.56 | 5.03 | 1.88 | 5.71 | 5.02 | 1.88 |

* : When "AS*G18L" is connected , 9000Btu model shall be chosen at least one "Compact wall mounted type" or more.

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO*G18-24L3

## ● Indoor unit : 9000Btu + 12000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 9+12+12 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | -10 | 6.69 | 5.18 | 1.18 | 7.45 | 5.21 | 1.19 | 7.70 | 5.66 | 1.20 | 8.21 | 5.68 | 1.21 | 8.46 | 6.14 | 1.22 | 8.97 | 6.11 | 1.23 | 9.22 | 6.10 | 1.24 |
| | -5 | 6.41 | 5.05 | 1.33 | 7.14 | 5.08 | 1.35 | 7.38 | 5.52 | 1.36 | 7.87 | 5.55 | 1.37 | 8.11 | 5.99 | 1.38 | 8.60 | 5.97 | 1.40 | 8.84 | 5.95 | 1.40 |
| | 0 | 6.30 | 5.00 | 1.47 | 7.01 | 5.03 | 1.49 | 7.25 | 5.47 | 1.50 | 7.73 | 5.49 | 1.52 | 7.97 | 5.93 | 1.52 | 8.45 | 5.90 | 1.54 | 8.69 | 5.89 | 1.55 |
| | 5 | 6.24 | 4.97 | 1.51 | 6.95 | 5.01 | 1.53 | 7.19 | 5.44 | 1.54 | 7.66 | 5.46 | 1.56 | 7.90 | 5.90 | 1.56 | 8.37 | 5.87 | 1.58 | 8.61 | 5.86 | 1.59 |
| | 10 | 6.30 | 5.00 | 1.53 | 7.01 | 5.03 | 1.55 | 7.25 | 5.47 | 1.56 | 7.73 | 5.49 | 1.58 | 7.97 | 5.93 | 1.58 | 8.45 | 5.90 | 1.60 | 8.69 | 5.89 | 1.61 |
| | 15 | 6.81 | 5.23 | 1.99 | 7.59 | 5.27 | 2.02 | 7.84 | 5.72 | 2.03 | 8.36 | 5.75 | 2.05 | 8.62 | 6.20 | 2.06 | 9.14 | 6.18 | 2.08 | 9.40 | 6.17 | 2.09 |
| | 20 | 7.54 | 5.55 | 2.35 | 8.40 | 5.59 | 2.38 | 8.69 | 6.07 | 2.39 | 9.26 | 6.10 | 2.42 | 9.55 | 6.58 | 2.43 | 10.12 | 6.56 | 2.46 | 10.41 | 6.55 | 2.47 |
| | 25 | 7.31 | 5.45 | 2.38 | 8.14 | 5.49 | 2.41 | 8.42 | 5.96 | 2.42 | 8.97 | 5.99 | 2.45 | 9.25 | 6.46 | 2.46 | 9.81 | 6.44 | 2.49 | 10.08 | 6.43 | 2.50 |
| | 30 | 6.93 | 5.29 | 2.61 | 7.72 | 5.32 | 2.65 | 7.98 | 5.78 | 2.66 | 8.51 | 5.80 | 2.69 | 8.77 | 6.26 | 2.70 | 9.30 | 6.24 | 2.73 | 9.56 | 6.23 | 2.75 |
| | 35 | 6.56 | 5.12 | 2.77 | 7.30 | 5.15 | 2.87 | 7.55 | 5.60 | 2.87 | 8.05 | 5.62 | 2.87 | 8.30 | 6.07 | 2.87 | 8.80 | 6.05 | 2.87 | 9.05 | 6.03 | 2.87 |
| | 40 | 5.47 | 4.61 | 2.32 | 6.09 | 4.64 | 2.40 | 6.30 | 5.04 | 2.40 | 6.71 | 5.06 | 2.40 | 6.92 | 5.46 | 2.40 | 7.34 | 5.44 | 2.40 | 7.54 | 5.43 | 2.40 |
| | 46 | 4.04 | 4.04 | 1.88 | 4.51 | 4.09 | 1.88 | 4.66 | 4.44 | 1.88 | 4.97 | 4.46 | 1.88 | 5.12 | 4.81 | 1.88 | 5.43 | 4.79 | 1.88 | 5.58 | 4.79 | 1.88 |

## ● Indoor unit : 9000Btu + 12000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 9+12+14 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | -10 | 7.14 | 5.63 | 1.29 | 7.96 | 5.67 | 1.31 | 8.23 | 6.16 | 1.31 | 8.77 | 6.18 | 1.33 | 9.04 | 6.68 | 1.33 | 9.59 | 6.65 | 1.35 | 9.86 | 6.64 | 1.35 |
| | -5 | 6.85 | 5.50 | 1.46 | 7.63 | 5.53 | 1.48 | 7.89 | 6.01 | 1.49 | 8.41 | 6.03 | 1.50 | 8.67 | 6.51 | 1.51 | 9.19 | 6.49 | 1.53 | 9.45 | 6.48 | 1.53 |
| | 0 | 6.73 | 5.44 | 1.61 | 7.49 | 5.48 | 1.63 | 7.75 | 5.95 | 1.64 | 8.26 | 5.97 | 1.66 | 8.52 | 6.45 | 1.67 | 9.03 | 6.42 | 1.68 | 9.28 | 6.41 | 1.69 |
| | 5 | 6.67 | 5.41 | 1.65 | 7.43 | 5.45 | 1.68 | 7.68 | 5.92 | 1.69 | 8.19 | 5.94 | 1.70 | 8.44 | 6.41 | 1.71 | 8.95 | 6.39 | 1.73 | 9.20 | 6.38 | 1.74 |
| | 10 | 7.16 | 5.64 | 1.91 | 7.98 | 5.68 | 1.94 | 8.25 | 6.17 | 1.95 | 8.80 | 6.19 | 1.97 | 9.07 | 6.69 | 1.98 | 9.61 | 6.66 | 2.00 | 9.89 | 6.65 | 2.01 |
| | 15 | 7.08 | 5.60 | 2.05 | 7.88 | 5.64 | 2.08 | 8.15 | 6.13 | 2.09 | 8.69 | 6.15 | 2.11 | 8.96 | 6.64 | 2.12 | 9.50 | 6.62 | 2.15 | 9.77 | 6.60 | 2.16 |
| | 20 | 7.73 | 5.89 | 2.35 | 8.61 | 5.93 | 2.38 | 8.90 | 6.45 | 2.39 | 9.49 | 6.47 | 2.42 | 9.78 | 6.99 | 2.43 | 10.37 | 6.96 | 2.46 | 10.66 | 6.95 | 2.47 |
| | 25 | 7.48 | 5.79 | 2.38 | 8.34 | 5.82 | 2.41 | 8.62 | 6.33 | 2.42 | 9.19 | 6.35 | 2.45 | 9.47 | 6.86 | 2.46 | 10.04 | 6.83 | 2.49 | 10.33 | 6.82 | 2.50 |
| | 30 | 7.09 | 5.61 | 2.61 | 7.90 | 5.65 | 2.65 | 8.17 | 6.14 | 2.66 | 8.71 | 6.16 | 2.69 | 8.98 | 6.65 | 2.70 | 9.52 | 6.63 | 2.73 | 9.79 | 6.61 | 2.75 |
| | 35 | 6.72 | 5.43 | 2.77 | 7.48 | 5.47 | 2.87 | 7.74 | 5.94 | 2.87 | 8.25 | 5.97 | 2.87 | 8.50 | 6.44 | 2.87 | 9.01 | 6.42 | 2.87 | 9.27 | 6.41 | 2.87 |
| | 40 | 5.60 | 4.89 | 2.32 | 6.24 | 4.92 | 2.40 | 6.45 | 5.35 | 2.40 | 6.87 | 5.37 | 2.40 | 7.09 | 5.80 | 2.40 | 7.51 | 5.78 | 2.40 | 7.73 | 5.76 | 2.40 |
| | 46 | 4.14 | 4.14 | 1.88 | 4.61 | 4.34 | 1.88 | 4.77 | 4.71 | 1.88 | 5.09 | 4.73 | 1.88 | 5.24 | 5.11 | 1.88 | 5.56 | 5.09 | 1.88 | 5.71 | 5.08 | 1.88 |

## ● Indoor unit : 12000Btu + 12000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 23°CWB | | |
| 12+12+12 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | -10 | 6.98 | 5.36 | 1.29 | 7.77 | 5.40 | 1.31 | 8.04 | 5.87 | 1.31 | 8.57 | 5.89 | 1.33 | 8.83 | 6.36 | 1.33 | 9.36 | 6.33 | 1.35 | 9.63 | 6.32 | 1.35 |
| | -5 | 6.69 | 5.23 | 1.46 | 7.45 | 5.27 | 1.48 | 7.70 | 5.72 | 1.49 | 8.21 | 5.75 | 1.50 | 8.46 | 6.20 | 1.51 | 8.97 | 6.18 | 1.53 | 9.22 | 6.17 | 1.53 |
| | 0 | 6.57 | 5.18 | 1.61 | 7.32 | 5.21 | 1.63 | 7.57 | 5.67 | 1.64 | 8.07 | 5.69 | 1.66 | 8.32 | 6.14 | 1.67 | 8.81 | 6.12 | 1.68 | 9.06 | 6.11 | 1.69 |
| | 5 | 6.51 | 5.15 | 1.65 | 7.25 | 5.19 | 1.68 | 7.50 | 5.64 | 1.69 | 7.99 | 5.66 | 1.70 | 8.24 | 6.11 | 1.71 | 8.74 | 6.09 | 1.73 | 8.98 | 6.07 | 1.74 |
| | 10 | 6.84 | 5.30 | 1.82 | 7.62 | 5.34 | 1.85 | 7.88 | 5.80 | 1.86 | 8.40 | 5.82 | 1.88 | 8.66 | 6.28 | 1.89 | 9.17 | 6.26 | 1.91 | 9.43 | 6.25 | 1.92 |
| | 15 | 6.91 | 5.34 | 2.05 | 7.70 | 5.37 | 2.08 | 7.96 | 5.83 | 2.09 | 8.49 | 5.86 | 2.11 | 8.75 | 6.32 | 2.12 | 9.27 | 6.30 | 2.15 | 9.54 | 6.29 | 2.16 |
| | 20 | 7.54 | 5.61 | 2.35 | 8.40 | 5.65 | 2.38 | 8.69 | 6.14 | 2.39 | 9.26 | 6.16 | 2.42 | 9.55 | 6.65 | 2.43 | 10.12 | 6.63 | 2.46 | 10.41 | 6.62 | 2.47 |
| | 25 | 7.31 | 5.51 | 2.38 | 8.14 | 5.55 | 2.41 | 8.42 | 6.03 | 2.42 | 8.97 | 6.05 | 2.45 | 9.25 | 6.53 | 2.46 | 9.81 | 6.51 | 2.49 | 10.08 | 6.50 | 2.50 |
| | 30 | 6.93 | 5.34 | 2.61 | 7.72 | 5.38 | 2.65 | 7.98 | 5.84 | 2.66 | 8.51 | 5.87 | 2.69 | 8.77 | 6.33 | 2.70 | 9.30 | 6.31 | 2.73 | 9.56 | 6.30 | 2.75 |
| | 35 | 6.56 | 5.17 | 2.77 | 7.30 | 5.21 | 2.87 | 7.55 | 5.66 | 2.87 | 8.05 | 5.68 | 2.87 | 8.30 | 6.13 | 2.87 | 8.80 | 6.11 | 2.87 | 9.05 | 6.10 | 2.87 |
| | 40 | 5.47 | 4.66 | 2.32 | 6.09 | 4.69 | 2.40 | 6.30 | 5.09 | 2.40 | 6.71 | 5.11 | 2.40 | 6.92 | 5.52 | 2.40 | 7.34 | 5.50 | 2.40 | 7.54 | 5.49 | 2.40 |
| | 46 | 4.04 | 4.04 | 1.88 | 4.51 | 4.13 | 1.88 | 4.66 | 4.49 | 1.88 | 4.97 | 4.51 | 1.88 | 5.12 | 4.86 | 1.88 | 5.43 | 4.85 | 1.88 | 5.58 | 4.84 | 1.88 |

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

# 5-3. HEATING CAPACITY

This table is created using the maximum capacity.

Note:2 or more indoor units should be connected.

## ■MODEL: AO∗G18L3

### ●Indoor unit : 7000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7 | Outdoor temperature | -15 | -16 | 2.32 | 1.06 | 2.27 | 1.09 | 2.21 | 1.11 | 2.16 | 1.13 | 2.10 | 1.15 |
| | | -10 | -11 | 2.65 | 1.14 | 2.59 | 1.16 | 2.52 | 1.19 | 2.46 | 1.21 | 2.40 | 1.23 |
| | | -5 | -7 | 2.77 | 1.09 | 2.70 | 1.11 | 2.64 | 1.13 | 2.57 | 1.16 | 2.50 | 1.18 |
| | | 0 | -2 | 2.89 | 1.03 | 2.82 | 1.05 | 2.75 | 1.08 | 2.68 | 1.10 | 2.61 | 1.12 |
| | | 5 | 3 | 3.26 | 0.96 | 3.18 | 0.98 | 3.10 | 1.00 | 3.02 | 1.02 | 2.95 | 1.04 |
| | | 7 | 6 | 3.47 | 0.96 | 3.38 | 0.98 | 3.30 | 1.00 | 3.22 | 1.02 | 3.14 | 1.04 |
| | | 10 | 8 | 3.50 | 1.01 | 3.42 | 1.03 | 3.33 | 1.05 | 3.25 | 1.07 | 3.17 | 1.09 |
| | | 15 | 10 | 3.53 | 0.97 | 3.45 | 0.99 | 3.37 | 1.01 | 3.28 | 1.03 | 3.20 | 1.05 |
| | | 20 | 15 | 3.47 | 0.76 | 3.38 | 0.78 | 3.30 | 0.79 | 3.22 | 0.81 | 3.14 | 0.83 |

### ●Indoor unit : 9000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9 | Outdoor temperature | -15 | -16 | 2.88 | 1.29 | 2.81 | 1.32 | 2.74 | 1.34 | 2.68 | 1.37 | 2.61 | 1.40 |
| | | -10 | -11 | 3.28 | 1.39 | 3.20 | 1.42 | 3.12 | 1.44 | 3.04 | 1.47 | 2.97 | 1.50 |
| | | -5 | -7 | 3.46 | 1.34 | 3.38 | 1.37 | 3.29 | 1.40 | 3.21 | 1.43 | 3.13 | 1.46 |
| | | 0 | -2 | 3.66 | 1.30 | 3.57 | 1.33 | 3.49 | 1.35 | 3.40 | 1.38 | 3.31 | 1.41 |
| | | 5 | 3 | 4.15 | 1.25 | 4.05 | 1.27 | 3.95 | 1.30 | 3.85 | 1.33 | 3.75 | 1.35 |
| | | 7 | 6 | 4.41 | 1.25 | 4.31 | 1.27 | 4.20 | 1.30 | 4.10 | 1.33 | 3.99 | 1.35 |
| | | 10 | 8 | 4.45 | 1.27 | 4.35 | 1.30 | 4.24 | 1.33 | 4.14 | 1.35 | 4.03 | 1.38 |
| | | 15 | 10 | 4.50 | 1.27 | 4.39 | 1.30 | 4.28 | 1.32 | 4.18 | 1.35 | 4.07 | 1.38 |
| | | 20 | 15 | 4.41 | 0.96 | 4.31 | 0.98 | 4.20 | 1.00 | 4.10 | 1.02 | 3.99 | 1.04 |

### ●Indoor unit : 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 12 | Outdoor temperature | -15 | -16 | 3.29 | 1.67 | 3.21 | 1.70 | 3.14 | 1.74 | 3.06 | 1.77 | 2.98 | 1.80 |
| | | -10 | -11 | 3.75 | 1.78 | 3.66 | 1.82 | 3.57 | 1.86 | 3.48 | 1.89 | 3.39 | 1.93 |
| | | -5 | -7 | 3.95 | 1.75 | 3.86 | 1.78 | 3.76 | 1.82 | 3.67 | 1.86 | 3.57 | 1.89 |
| | | 0 | -2 | 4.18 | 1.66 | 4.08 | 1.70 | 3.98 | 1.73 | 3.88 | 1.77 | 3.78 | 1.80 |
| | | 5 | 3 | 4.74 | 1.56 | 4.62 | 1.59 | 4.51 | 1.62 | 4.40 | 1.65 | 4.29 | 1.68 |
| | | 7 | 6 | 5.04 | 1.56 | 4.92 | 1.59 | 4.80 | 1.62 | 4.68 | 1.65 | 4.56 | 1.68 |
| | | 10 | 8 | 5.09 | 1.59 | 4.97 | 1.62 | 4.85 | 1.65 | 4.73 | 1.69 | 4.61 | 1.72 |
| | | 15 | 10 | 5.14 | 1.59 | 5.02 | 1.63 | 4.90 | 1.66 | 4.77 | 1.69 | 4.65 | 1.73 |
| | | 20 | 15 | 5.04 | 1.35 | 4.92 | 1.38 | 4.80 | 1.41 | 4.68 | 1.43 | 4.56 | 1.46 |

### ●Indoor unit : 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 14 | Outdoor temperature | -15 | -16 | 3.95 | 1.71 | 3.85 | 1.75 | 3.76 | 1.78 | 3.67 | 1.82 | 3.57 | 1.86 |
| | | -10 | -11 | 4.50 | 1.83 | 4.39 | 1.87 | 4.29 | 1.91 | 4.18 | 1.95 | 4.07 | 1.98 |
| | | -5 | -7 | 4.78 | 1.80 | 4.67 | 1.84 | 4.55 | 1.88 | 4.44 | 1.92 | 4.33 | 1.95 |
| | | 0 | -2 | 5.09 | 1.74 | 4.97 | 1.77 | 4.85 | 1.81 | 4.73 | 1.85 | 4.61 | 1.88 |
| | | 5 | 3 | 5.72 | 1.63 | 5.59 | 1.67 | 5.45 | 1.70 | 5.32 | 1.73 | 5.18 | 1.77 |
| | | 7 | 6 | 6.09 | 1.63 | 5.95 | 1.67 | 5.80 | 1.70 | 5.66 | 1.73 | 5.51 | 1.77 |
| | | 10 | 8 | 6.15 | 1.67 | 6.00 | 1.70 | 5.86 | 1.74 | 5.71 | 1.77 | 5.57 | 1.81 |
| | | 15 | 10 | 6.40 | 1.75 | 6.24 | 1.79 | 6.09 | 1.83 | 5.94 | 1.86 | 5.79 | 1.90 |
| | | 20 | 15 | 6.09 | 1.36 | 5.95 | 1.39 | 5.80 | 1.42 | 5.66 | 1.45 | 5.51 | 1.48 |

TC : Total Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO*G18-24L3

## ●Indoor unit : 7000Btu + 7000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7 | Outdoor temperature | -15 | -16 | 3.78 | 1.83 | 3.69 | 1.87 | 3.60 | 1.91 | 3.51 | 1.95 | 3.42 | 1.99 |
| | | -10 | -11 | 4.26 | 1.95 | 4.16 | 1.99 | 4.06 | 2.03 | 3.96 | 2.06 | 3.86 | 2.06 |
| | | -5 | -7 | 4.80 | 1.91 | 4.68 | 1.95 | 4.57 | 1.99 | 4.45 | 2.03 | 4.34 | 2.06 |
| | | 0 | -2 | 5.41 | 1.72 | 5.28 | 1.76 | 5.15 | 1.94 | 5.02 | 1.83 | 4.89 | 1.87 |
| | | 5 | 3 | 6.02 | 1.80 | 5.88 | 1.83 | 5.73 | 1.91 | 5.59 | 1.91 | 5.45 | 1.95 |
| | | 7 | 6 | 6.41 | 1.85 | 6.25 | 1.89 | 6.10 | 1.93 | 5.95 | 1.97 | 5.80 | 2.01 |
| | | 10 | 8 | 6.47 | 1.89 | 6.32 | 1.93 | 6.16 | 1.97 | 6.01 | 2.01 | 5.85 | 2.05 |
| | | 15 | 10 | 6.53 | 1.91 | 6.38 | 1.95 | 6.22 | 1.99 | 6.07 | 2.03 | 5.91 | 2.06 |
| | | 20 | 15 | 6.41 | 1.67 | 6.25 | 1.70 | 6.10 | 1.74 | 5.95 | 1.77 | 5.80 | 1.81 |

## ●Indoor unit : 7000Btu + 9000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+9 | Outdoor temperature | -15 | -16 | 3.82 | 1.96 | 3.72 | 2.00 | 3.63 | 2.04 | 3.54 | 2.06 | 3.45 | 2.06 |
| | | -10 | -11 | 4.33 | 1.98 | 4.23 | 2.02 | 4.13 | 2.06 | 4.02 | 2.06 | 3.92 | 2.06 |
| | | -5 | -7 | 4.87 | 1.98 | 4.76 | 2.02 | 4.64 | 2.06 | 4.52 | 2.06 | 4.41 | 2.06 |
| | | 0 | -2 | 5.58 | 1.84 | 5.44 | 1.88 | 5.31 | 2.03 | 5.18 | 1.95 | 5.05 | 1.99 |
| | | 5 | 3 | 6.32 | 1.92 | 6.17 | 1.96 | 6.02 | 2.04 | 5.87 | 2.04 | 5.72 | 2.06 |
| | | 7 | 6 | 6.72 | 1.98 | 6.56 | 2.02 | 6.40 | 2.06 | 6.24 | 2.06 | 6.08 | 2.06 |
| | | 10 | 8 | 6.79 | 1.98 | 6.63 | 2.02 | 6.46 | 2.06 | 6.30 | 2.06 | 6.14 | 2.06 |
| | | 15 | 10 | 6.85 | 1.98 | 6.69 | 2.02 | 6.53 | 2.06 | 6.36 | 2.06 | 6.20 | 2.06 |
| | | 20 | 15 | 6.72 | 1.78 | 6.56 | 1.82 | 6.40 | 1.85 | 6.24 | 1.89 | 6.08 | 1.93 |

## ●Indoor unit : 7000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+12 | Outdoor temperature | -15 | -16 | 3.94 | 1.95 | 3.85 | 1.99 | 3.75 | 2.03 | 3.66 | 2.06 | 3.57 | 2.06 |
| | | -10 | -11 | 4.45 | 1.98 | 4.34 | 2.02 | 4.24 | 2.06 | 4.13 | 2.06 | 4.02 | 2.06 |
| | | -5 | -7 | 4.95 | 1.98 | 4.83 | 2.02 | 4.71 | 2.06 | 4.59 | 2.06 | 4.48 | 2.06 |
| | | 0 | -2 | 5.68 | 1.83 | 5.55 | 1.87 | 5.41 | 2.04 | 5.27 | 1.94 | 5.14 | 1.98 |
| | | 5 | 3 | 6.42 | 1.91 | 6.26 | 1.95 | 6.11 | 2.05 | 5.96 | 2.03 | 5.80 | 2.06 |
| | | 7 | 6 | 6.83 | 1.98 | 6.66 | 2.02 | 6.50 | 2.06 | 6.34 | 2.06 | 6.18 | 2.06 |
| | | 10 | 8 | 6.89 | 1.98 | 6.73 | 2.02 | 6.57 | 2.06 | 6.40 | 2.06 | 6.24 | 2.06 |
| | | 15 | 10 | 6.96 | 1.97 | 6.80 | 2.01 | 6.63 | 2.05 | 6.46 | 2.06 | 6.30 | 2.06 |
| | | 20 | 15 | 6.83 | 1.57 | 6.66 | 1.61 | 6.50 | 1.64 | 6.34 | 1.67 | 6.18 | 1.71 |

## ●Indoor unit : 7000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+14 | Outdoor temperature | -15 | -16 | 4.34 | 1.93 | 4.24 | 1.97 | 4.13 | 2.01 | 4.03 | 2.05 | 3.93 | 2.06 |
| | | -10 | -11 | 4.94 | 1.98 | 4.82 | 2.02 | 4.70 | 2.06 | 4.58 | 2.06 | 4.47 | 2.06 |
| | | -5 | -7 | 5.44 | 1.98 | 5.31 | 2.02 | 5.18 | 2.06 | 5.05 | 2.06 | 4.92 | 2.06 |
| | | 0 | -2 | 6.20 | 1.81 | 6.06 | 1.85 | 5.91 | 2.04 | 5.76 | 1.93 | 5.61 | 1.96 |
| | | 5.12 | 3 | 7.01 | 1.89 | 6.84 | 1.93 | 6.67 | 2.04 | 6.51 | 2.01 | 6.34 | 2.05 |
| | | 7 | 6 | 7.46 | 1.98 | 7.28 | 2.02 | 7.10 | 2.06 | 6.92 | 2.06 | 6.75 | 2.06 |
| | | 10 | 8 | 7.53 | 1.98 | 7.35 | 2.02 | 7.17 | 2.06 | 6.99 | 2.06 | 6.81 | 2.06 |
| | | 15 | 10 | 7.60 | 1.95 | 7.42 | 1.99 | 7.24 | 2.03 | 7.06 | 2.06 | 6.88 | 2.06 |
| | | 20 | 15 | 7.46 | 1.56 | 7.28 | 1.59 | 7.10 | 1.62 | 6.92 | 1.66 | 6.75 | 1.69 |

TC : Total Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO*G18-24L3

## ● Indoor unit : 9000Btu + 9000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+9 | Outdoor temperature | -15 | -16 | 3.89 | 1.95 | 3.80 | 1.99 | 3.71 | 2.03 | 3.61 | 2.06 | 3.52 | 2.06 |
| | | -10 | -11 | 4.39 | 1.98 | 4.29 | 2.02 | 4.19 | 2.06 | 4.08 | 2.06 | 3.98 | 2.06 |
| | | -5 | -7 | 4.95 | 1.98 | 4.83 | 2.02 | 4.71 | 2.06 | 4.59 | 2.06 | 4.48 | 2.06 |
| | | 0 | -2 | 5.66 | 1.83 | 5.53 | 1.87 | 5.40 | 2.04 | 5.26 | 1.94 | 5.13 | 1.98 |
| | | 5 | 3 | 6.42 | 1.91 | 6.26 | 1.95 | 6.11 | 2.04 | 5.96 | 2.03 | 5.80 | 2.06 |
| | | 7 | 6 | 6.83 | 1.98 | 6.66 | 2.02 | 6.50 | 2.06 | 6.34 | 2.06 | 6.18 | 2.06 |
| | | 10 | 8 | 6.89 | 1.98 | 6.73 | 2.02 | 6.57 | 2.06 | 6.40 | 2.06 | 6.24 | 2.06 |
| | | 15 | 10 | 6.96 | 1.98 | 6.80 | 2.02 | 6.63 | 2.06 | 6.46 | 2.06 | 6.30 | 2.06 |
| | | 20 | 15 | 6.83 | 1.77 | 6.66 | 1.81 | 6.50 | 1.85 | 6.34 | 1.88 | 6.18 | 1.92 |

## ● Indoor unit : 9000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+12 | Outdoor temperature | -15 | -16 | 3.96 | 1.94 | 3.87 | 1.98 | 3.77 | 2.02 | 3.68 | 2.06 | 3.58 | 2.06 |
| | | -10 | -11 | 4.47 | 1.98 | 4.36 | 2.02 | 4.26 | 2.06 | 4.15 | 2.06 | 4.05 | 2.06 |
| | | -5 | -7 | 5.02 | 1.98 | 4.90 | 2.02 | 4.79 | 2.06 | 4.67 | 2.06 | 4.55 | 2.06 |
| | | 0 | -2 | 5.75 | 1.82 | 5.61 | 1.86 | 5.48 | 2.03 | 5.34 | 1.94 | 5.20 | 1.97 |
| | | 5 | 3 | 6.51 | 1.90 | 6.36 | 1.94 | 6.20 | 2.04 | 6.05 | 2.02 | 5.89 | 2.06 |
| | | 7 | 6 | 6.93 | 1.98 | 6.77 | 2.02 | 6.60 | 2.06 | 6.44 | 2.06 | 6.27 | 2.06 |
| | | 10 | 8 | 7.00 | 1.98 | 6.83 | 2.02 | 6.67 | 2.06 | 6.50 | 2.06 | 6.33 | 2.06 |
| | | 15 | 10 | 7.07 | 1.96 | 6.90 | 2.00 | 6.73 | 2.04 | 6.56 | 2.06 | 6.40 | 2.06 |
| | | 20 | 15 | 6.93 | 1.57 | 6.77 | 1.60 | 6.60 | 1.63 | 6.44 | 1.66 | 6.27 | 1.70 |

## ● Indoor unit : 9000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+14 | Outdoor temperature | -15 | -16 | 4.38 | 1.92 | 4.28 | 1.96 | 4.17 | 2.00 | 4.07 | 2.04 | 3.97 | 2.06 |
| | | -10 | -11 | 4.97 | 1.98 | 4.85 | 2.02 | 4.73 | 2.06 | 4.61 | 2.06 | 4.49 | 2.06 |
| | | -5 | -7 | 5.50 | 1.98 | 5.37 | 2.02 | 5.24 | 2.06 | 5.11 | 2.06 | 4.97 | 2.06 |
| | | 0 | -2 | 6.27 | 1.80 | 6.13 | 1.84 | 5.98 | 2.05 | 5.83 | 1.92 | 5.68 | 1.95 |
| | | 5 | 3 | 7.11 | 1.88 | 6.94 | 1.92 | 6.77 | 2.04 | 6.60 | 2.00 | 6.43 | 2.04 |
| | | 7 | 6 | 7.56 | 1.98 | 7.38 | 2.02 | 7.20 | 2.06 | 7.02 | 2.06 | 6.84 | 2.06 |
| | | 10 | 8 | 7.64 | 1.98 | 7.45 | 2.02 | 7.27 | 2.06 | 7.09 | 2.06 | 6.91 | 2.06 |
| | | 15 | 10 | 7.71 | 1.94 | 7.53 | 1.98 | 7.34 | 2.02 | 7.16 | 2.06 | 6.98 | 2.06 |
| | | 20 | 15 | 7.56 | 1.55 | 7.38 | 1.58 | 7.20 | 1.62 | 7.02 | 1.65 | 6.84 | 1.68 |

## ● Indoor unit : 12000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 12+12 | Outdoor temperature | -15 | -16 | 3.81 | 1.93 | 3.72 | 1.97 | 3.63 | 2.01 | 3.54 | 2.05 | 3.45 | 2.06 |
| | | -10 | -11 | 4.44 | 1.98 | 4.33 | 2.02 | 4.22 | 2.06 | 4.12 | 2.06 | 4.01 | 2.06 |
| | | -5 | -7 | 5.02 | 1.98 | 4.90 | 2.02 | 4.79 | 2.06 | 4.67 | 2.06 | 4.55 | 2.06 |
| | | 0 | -2 | 5.75 | 1.81 | 5.61 | 1.85 | 5.48 | 2.04 | 5.34 | 1.93 | 5.20 | 1.96 |
| | | 5 | 3 | 6.51 | 1.89 | 6.36 | 1.93 | 6.20 | 2.05 | 6.05 | 2.01 | 5.89 | 2.05 |
| | | 7 | 6 | 6.93 | 1.98 | 6.77 | 2.02 | 6.60 | 2.06 | 6.44 | 2.06 | 6.27 | 2.06 |
| | | 10 | 8 | 7.00 | 1.98 | 6.83 | 2.02 | 6.67 | 2.06 | 6.50 | 2.06 | 6.33 | 2.06 |
| | | 15 | 10 | 7.07 | 1.95 | 6.90 | 1.99 | 6.73 | 2.03 | 6.56 | 2.06 | 6.40 | 2.06 |
| | | 20 | 15 | 6.93 | 1.56 | 6.77 | 1.59 | 6.60 | 1.62 | 6.44 | 1.66 | 6.27 | 1.69 |

TC : Total Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO*G18-24L3

## ● Indoor unit : 12000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | Outdoor temperature | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 12+14 | | -15 | -16 | 4.22 | 1.78 | 4.12 | 1.81 | 4.02 | 1.85 | 3.91 | 1.89 | 3.81 | 1.92 |
| | | -10 | -11 | 4.91 | 1.85 | 4.79 | 1.89 | 4.67 | 1.93 | 4.56 | 1.97 | 4.44 | 2.01 |
| | | -5 | -7 | 5.56 | 1.91 | 5.42 | 1.95 | 5.29 | 1.99 | 5.16 | 2.03 | 5.03 | 2.06 |
| | | 0 | -2 | 6.36 | 1.87 | 6.21 | 1.91 | 6.06 | 1.95 | 5.91 | 1.99 | 5.76 | 2.03 |
| | | 5 | 3 | 7.21 | 1.93 | 7.03 | 1.97 | 6.86 | 2.01 | 6.69 | 2.06 | 6.52 | 2.06 |
| | | 7 | 6 | 7.67 | 1.98 | 7.48 | 2.02 | 7.30 | 2.06 | 7.12 | 2.06 | 6.94 | 2.06 |
| | | 10 | 8 | 7.74 | 1.93 | 7.56 | 1.97 | 7.37 | 2.01 | 7.19 | 2.06 | 7.00 | 2.06 |
| | | 15 | 10 | 7.82 | 1.79 | 7.63 | 1.83 | 7.45 | 1.87 | 7.26 | 1.91 | 7.07 | 1.94 |
| | | 20 | 15 | 7.67 | 1.54 | 7.48 | 1.58 | 7.30 | 1.61 | 7.12 | 1.64 | 6.94 | 1.67 |

## ● Indoor unit : 7000Btu + 7000Btu + 7000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | Outdoor temperature | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7+7 | | -15 | -16 | 4.61 | 1.94 | 4.50 | 1.98 | 4.39 | 2.02 | 4.28 | 2.06 | 4.17 | 2.06 |
| | | -10 | -11 | 5.34 | 1.98 | 5.21 | 2.02 | 5.08 | 2.06 | 4.95 | 2.06 | 4.83 | 2.06 |
| | | -5 | -7 | 5.98 | 1.98 | 5.84 | 2.02 | 5.70 | 2.06 | 5.56 | 2.06 | 5.41 | 2.06 |
| | | 0 | -2 | 6.79 | 1.82 | 6.63 | 1.86 | 6.47 | 2.04 | 6.31 | 1.94 | 6.14 | 1.97 |
| | | 5 | 3 | 7.60 | 1.90 | 7.42 | 1.94 | 7.24 | 2.05 | 7.06 | 2.02 | 6.88 | 2.06 |
| | | 7 | 6 | 8.09 | 1.98 | 7.89 | 2.02 | 7.70 | 2.06 | 7.51 | 2.06 | 7.32 | 2.06 |
| | | 10 | 8 | 8.41 | 1.98 | 8.21 | 2.02 | 8.01 | 2.06 | 7.81 | 2.06 | 7.61 | 2.06 |
| | | 15 | 10 | 8.73 | 1.96 | 8.52 | 2.00 | 8.32 | 2.04 | 8.11 | 2.06 | 7.90 | 2.06 |
| | | 20 | 15 | 9.06 | 1.57 | 8.84 | 1.60 | 8.62 | 1.63 | 8.41 | 1.66 | 8.19 | 1.70 |

## ● Indoor unit : 7000Btu + 7000Btu + 9000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | Outdoor temperature | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7+9 | | -15 | -16 | 4.67 | 1.93 | 4.56 | 1.97 | 4.45 | 2.01 | 4.33 | 2.05 | 4.22 | 2.06 |
| | | -10 | -11 | 5.41 | 1.98 | 5.28 | 2.02 | 5.15 | 2.06 | 5.02 | 2.06 | 4.89 | 2.06 |
| | | -5 | -7 | 6.06 | 1.98 | 5.92 | 2.02 | 5.77 | 2.06 | 5.63 | 2.06 | 5.48 | 2.06 |
| | | 0 | -2 | 6.88 | 1.81 | 6.72 | 1.85 | 6.55 | 2.04 | 6.39 | 1.93 | 6.22 | 1.96 |
| | | 5 | 3 | 7.70 | 1.89 | 7.52 | 1.93 | 7.33 | 2.05 | 7.15 | 2.01 | 6.97 | 2.05 |
| | | 7 | 6 | 8.19 | 1.98 | 8.00 | 2.02 | 7.80 | 2.06 | 7.61 | 2.06 | 7.41 | 2.06 |
| | | 10 | 8 | 8.52 | 1.98 | 8.31 | 2.02 | 8.11 | 2.06 | 7.91 | 2.06 | 7.71 | 2.06 |
| | | 15 | 10 | 8.85 | 1.95 | 8.63 | 1.99 | 8.42 | 2.03 | 8.21 | 2.06 | 8.00 | 2.06 |
| | | 20 | 15 | 9.17 | 1.56 | 8.95 | 1.59 | 8.74 | 1.62 | 8.52 | 1.66 | 8.30 | 1.69 |

## ● Indoor unit : 7000Btu + 7000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | Outdoor temperature | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7+12 | | -15 | -16 | 4.67 | 1.81 | 4.56 | 1.85 | 4.45 | 1.89 | 4.33 | 1.92 | 4.22 | 1.96 |
| | | -10 | -11 | 5.41 | 1.89 | 5.28 | 1.93 | 5.15 | 1.97 | 5.02 | 2.01 | 4.89 | 2.05 |
| | | -5 | -7 | 6.06 | 1.95 | 5.92 | 1.99 | 5.77 | 2.03 | 5.63 | 2.06 | 5.48 | 2.06 |
| | | 0 | -2 | 6.88 | 1.91 | 6.72 | 1.95 | 6.55 | 1.99 | 6.39 | 2.03 | 6.22 | 2.06 |
| | | 5 | 3 | 7.70 | 1.97 | 7.52 | 2.01 | 7.33 | 2.05 | 7.15 | 2.06 | 6.97 | 2.06 |
| | | 7 | 6 | 8.19 | 1.98 | 8.00 | 2.02 | 7.80 | 2.06 | 7.61 | 2.06 | 7.41 | 2.06 |
| | | 10 | 8 | 8.52 | 1.97 | 8.31 | 2.01 | 8.11 | 2.05 | 7.91 | 2.06 | 7.71 | 2.06 |
| | | 15 | 10 | 8.85 | 1.83 | 8.63 | 1.87 | 8.42 | 1.91 | 8.21 | 1.94 | 8.00 | 1.98 |
| | | 20 | 15 | 9.17 | 1.57 | 8.95 | 1.61 | 8.74 | 1.64 | 8.52 | 1.67 | 8.30 | 1.71 |

TC : Total Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO∗G18-24L3

## ●Indoor unit : 7000Btu + 7000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7+14 | Outdoor temperature | -15 | -16 | 4.79 | 1.82 | 4.67 | 1.86 | 4.56 | 1.90 | 4.45 | 1.93 | 4.33 | 1.97 |
| | | -10 | -11 | 5.54 | 1.90 | 5.41 | 1.94 | 5.28 | 1.98 | 5.15 | 2.02 | 5.02 | 2.06 |
| | | -5 | -7 | 6.22 | 1.96 | 6.07 | 2.00 | 5.92 | 2.04 | 5.77 | 2.06 | 5.62 | 2.06 |
| | | 0 | -2 | 7.06 | 1.92 | 6.89 | 1.96 | 6.72 | 2.00 | 6.55 | 2.04 | 6.38 | 2.06 |
| | | 5 | 3 | 7.90 | 1.98 | 7.71 | 2.02 | 7.52 | 2.06 | 7.33 | 2.06 | 7.14 | 2.06 |
| | | 7 | 6 | 8.40 | 1.98 | 8.20 | 2.02 | 8.00 | 2.06 | 7.80 | 2.06 | 7.60 | 2.06 |
| | | 10 | 8 | 8.74 | 1.98 | 8.53 | 2.02 | 8.32 | 2.06 | 8.11 | 2.06 | 7.90 | 2.06 |
| | | 15 | 10 | 9.07 | 1.84 | 8.86 | 1.88 | 8.64 | 1.92 | 8.42 | 1.95 | 8.21 | 1.99 |
| | | 20 | 15 | 9.41 | 1.58 | 9.18 | 1.62 | 8.96 | 1.65 | 8.74 | 1.68 | 8.51 | 1.71 |

## ●Indoor unit : 7000Btu + 9000Btu + 9000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+9+9 | Outdoor temperature | -15 | -16 | 4.67 | 1.81 | 4.56 | 1.85 | 4.45 | 1.89 | 4.33 | 1.92 | 4.22 | 1.96 |
| | | -10 | -11 | 5.41 | 1.89 | 5.28 | 1.93 | 5.15 | 1.97 | 5.02 | 2.01 | 4.89 | 2.05 |
| | | -5 | -7 | 6.06 | 1.95 | 5.92 | 1.99 | 5.77 | 2.03 | 5.63 | 2.06 | 5.48 | 2.06 |
| | | 0 | -2 | 6.88 | 1.91 | 6.72 | 1.95 | 6.55 | 1.99 | 6.39 | 2.03 | 6.22 | 2.06 |
| | | 5 | 3 | 7.70 | 1.97 | 7.52 | 2.01 | 7.33 | 2.05 | 7.15 | 2.06 | 6.97 | 2.06 |
| | | 7 | 6 | 8.19 | 1.98 | 8.00 | 2.02 | 7.80 | 2.06 | 7.61 | 2.06 | 7.41 | 2.06 |
| | | 10 | 8 | 8.52 | 1.97 | 8.31 | 2.01 | 8.11 | 2.05 | 7.91 | 2.06 | 7.71 | 2.06 |
| | | 15 | 10 | 8.85 | 1.83 | 8.63 | 1.87 | 8.42 | 1.91 | 8.21 | 1.94 | 8.00 | 1.98 |
| | | 20 | 15 | 9.17 | 1.57 | 8.95 | 1.61 | 8.74 | 1.64 | 8.52 | 1.67 | 8.30 | 1.71 |

## ●Indoor unit : 7000Btu + 9000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+9+12 | Outdoor temperature | -15 | -16 | 4.73 | 1.80 | 4.62 | 1.84 | 4.50 | 1.88 | 4.39 | 1.91 | 4.28 | 1.95 |
| | | -10 | -11 | 5.47 | 1.88 | 5.34 | 1.92 | 5.21 | 1.96 | 5.08 | 2.00 | 4.95 | 2.04 |
| | | -5 | -7 | 6.14 | 1.94 | 5.99 | 1.98 | 5.85 | 2.02 | 5.70 | 2.06 | 5.55 | 2.06 |
| | | 0 | -2 | 6.97 | 1.90 | 6.80 | 1.94 | 6.64 | 1.98 | 6.47 | 2.02 | 6.30 | 2.06 |
| | | 5 | 3 | 7.80 | 1.96 | 7.61 | 2.00 | 7.43 | 2.04 | 7.24 | 2.06 | 7.05 | 2.06 |
| | | 7 | 6 | 8.30 | 1.98 | 8.10 | 2.02 | 7.90 | 2.06 | 7.70 | 2.06 | 7.51 | 2.06 |
| | | 10 | 8 | 8.63 | 1.96 | 8.42 | 2.00 | 8.22 | 2.04 | 8.01 | 2.06 | 7.81 | 2.06 |
| | | 15 | 10 | 8.96 | 1.82 | 8.75 | 1.86 | 8.53 | 1.90 | 8.32 | 1.94 | 8.11 | 1.97 |
| | | 20 | 15 | 9.29 | 1.57 | 9.07 | 1.60 | 8.85 | 1.63 | 8.63 | 1.66 | 8.41 | 1.70 |

## ●Indoor unit : 7000Btu + 9000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+9+14 | Outdoor temperature | -15 | -16 | 4.79 | 1.81 | 4.67 | 1.85 | 4.56 | 1.89 | 4.45 | 1.92 | 4.33 | 1.96 |
| | | -10 | -11 | 5.54 | 1.89 | 5.41 | 1.93 | 5.28 | 1.97 | 5.15 | 2.01 | 5.02 | 2.05 |
| | | -5 | -7 | 6.22 | 1.95 | 6.07 | 1.99 | 5.92 | 2.03 | 5.77 | 2.06 | 5.62 | 2.06 |
| | | 0 | -2 | 7.06 | 1.91 | 6.89 | 1.95 | 6.72 | 1.99 | 6.55 | 2.03 | 6.38 | 2.06 |
| | | 5 | 3 | 7.90 | 1.97 | 7.71 | 2.01 | 7.52 | 2.05 | 7.33 | 2.06 | 7.14 | 2.06 |
| | | 7 | 6 | 8.40 | 1.98 | 8.20 | 2.02 | 8.00 | 2.06 | 7.80 | 2.06 | 7.60 | 2.06 |
| | | 10 | 8 | 8.74 | 1.97 | 8.53 | 2.01 | 8.32 | 2.05 | 8.11 | 2.06 | 7.90 | 2.06 |
| | | 15 | 10 | 9.07 | 1.83 | 8.86 | 1.87 | 8.64 | 1.91 | 8.42 | 1.94 | 8.21 | 1.98 |
| | | 20 | 15 | 9.41 | 1.57 | 9.18 | 1.61 | 8.96 | 1.64 | 8.74 | 1.67 | 8.51 | 1.71 |

TC : Total Capacity (kW)
IP : Input Power (kW)

## ●Indoor unit : 9000Btu + 9000Btu + 9000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+9+9 | Outdoor temperature | -15 | -16 | 4.73 | 1.80 | 4.62 | 1.84 | 4.50 | 1.88 | 4.39 | 1.91 | 4.28 | 1.95 |
| | | -10 | -11 | 5.47 | 1.88 | 5.34 | 1.92 | 5.21 | 1.96 | 5.08 | 2.00 | 4.95 | 2.04 |
| | | -5 | -7 | 6.14 | 1.94 | 5.99 | 1.98 | 5.85 | 2.02 | 5.70 | 2.06 | 5.55 | 2.06 |
| | | 0 | -2 | 6.97 | 1.90 | 6.80 | 1.94 | 6.64 | 1.98 | 6.47 | 2.02 | 6.30 | 2.06 |
| | | 5 | 3 | 7.80 | 1.96 | 7.61 | 2.00 | 7.43 | 2.04 | 7.24 | 2.06 | 7.05 | 2.06 |
| | | 7 | 6 | 8.30 | 1.98 | 8.10 | 2.02 | 7.90 | 2.06 | 7.70 | 2.06 | 7.51 | 2.06 |
| | | 10 | 8 | 8.63 | 1.96 | 8.42 | 2.00 | 8.22 | 2.04 | 8.01 | 2.06 | 7.81 | 2.06 |
| | | 15 | 10 | 8.96 | 1.82 | 8.75 | 1.86 | 8.53 | 1.90 | 8.32 | 1.94 | 8.11 | 1.97 |
| | | 20 | 15 | 9.29 | 1.57 | 9.07 | 1.60 | 8.85 | 1.63 | 8.63 | 1.66 | 8.41 | 1.70 |

## ●Indoor unit : 9000Btu + 9000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+9+12 | Outdoor temperature | -15 | -16 | 4.73 | 1.79 | 4.62 | 1.83 | 4.50 | 1.87 | 4.39 | 1.90 | 4.28 | 1.94 |
| | | -10 | -11 | 5.47 | 1.87 | 5.34 | 1.91 | 5.21 | 1.95 | 5.08 | 1.99 | 4.95 | 2.03 |
| | | -5 | -7 | 6.14 | 1.93 | 5.99 | 1.97 | 5.85 | 2.01 | 5.70 | 2.05 | 5.55 | 2.06 |
| | | 0 | -2 | 6.97 | 1.89 | 6.80 | 1.93 | 6.64 | 1.97 | 6.47 | 2.01 | 6.30 | 2.05 |
| | | 5 | 3 | 7.80 | 1.95 | 7.61 | 1.99 | 7.43 | 2.03 | 7.24 | 2.06 | 7.05 | 2.06 |
| | | 7 | 6 | 8.30 | 1.98 | 8.10 | 2.02 | 7.90 | 2.06 | 7.70 | 2.06 | 7.51 | 2.06 |
| | | 10 | 8 | 8.63 | 1.95 | 8.42 | 1.99 | 8.22 | 2.03 | 8.01 | 2.06 | 7.81 | 2.06 |
| | | 15 | 10 | 8.96 | 1.81 | 8.75 | 1.85 | 8.53 | 1.89 | 8.32 | 1.93 | 8.11 | 1.96 |
| | | 20 | 15 | 9.29 | 1.56 | 9.07 | 1.59 | 8.85 | 1.62 | 8.63 | 1.66 | 8.41 | 1.69 |

TC : Total Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO∗G18-24L3

Note: 2 or more indoor units should be connected.

# ■MODEL: AO∗G24L3

## ●Indoor unit : 7000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| 7 | Outdoor temperature | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| | | -15 | -16 | 2.32 | 1.06 | 2.27 | 1.09 | 2.21 | 1.11 | 2.16 | 1.13 | 2.10 | 1.15 |
| | | -10 | -11 | 2.65 | 1.14 | 2.59 | 1.16 | 2.52 | 1.19 | 2.46 | 1.21 | 2.40 | 1.23 |
| | | -5 | -7 | 2.77 | 1.09 | 2.70 | 1.11 | 2.64 | 1.13 | 2.57 | 1.16 | 2.50 | 1.18 |
| | | 0 | -2 | 2.89 | 1.03 | 2.82 | 1.05 | 2.75 | 1.08 | 2.68 | 1.10 | 2.61 | 1.12 |
| | | 5 | 3 | 3.26 | 0.96 | 3.18 | 0.98 | 3.10 | 1.00 | 3.02 | 1.02 | 2.95 | 1.04 |
| | | 7 | 6 | 3.47 | 0.96 | 3.38 | 0.98 | 3.30 | 1.00 | 3.22 | 1.02 | 3.14 | 1.04 |
| | | 10 | 8 | 3.50 | 1.01 | 3.42 | 1.03 | 3.33 | 1.05 | 3.25 | 1.07 | 3.17 | 1.09 |
| | | 15 | 10 | 3.53 | 0.97 | 3.45 | 0.99 | 3.37 | 1.01 | 3.28 | 1.03 | 3.20 | 1.05 |
| | | 20 | 15 | 3.47 | 0.76 | 3.38 | 0.78 | 3.30 | 0.79 | 3.22 | 0.81 | 3.14 | 0.83 |

## ●Indoor unit : 9000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| 9 | Outdoor temperature | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| | | -15 | -16 | 2.88 | 1.29 | 2.81 | 1.32 | 2.74 | 1.34 | 2.68 | 1.37 | 2.61 | 1.40 |
| | | -10 | -11 | 3.28 | 1.39 | 3.20 | 1.42 | 3.12 | 1.44 | 3.04 | 1.47 | 2.97 | 1.50 |
| | | -5 | -7 | 3.46 | 1.34 | 3.38 | 1.37 | 3.29 | 1.40 | 3.21 | 1.43 | 3.13 | 1.46 |
| | | 0 | -2 | 3.66 | 1.30 | 3.57 | 1.33 | 3.49 | 1.35 | 3.40 | 1.38 | 3.31 | 1.41 |
| | | 5 | 3 | 4.15 | 1.25 | 4.05 | 1.27 | 3.95 | 1.30 | 3.85 | 1.33 | 3.75 | 1.35 |
| | | 7 | 6 | 4.41 | 1.25 | 4.31 | 1.27 | 4.20 | 1.30 | 4.10 | 1.33 | 3.99 | 1.35 |
| | | 10 | 8 | 4.45 | 1.27 | 4.35 | 1.30 | 4.24 | 1.33 | 4.14 | 1.35 | 4.03 | 1.38 |
| | | 15 | 10 | 4.50 | 1.27 | 4.39 | 1.30 | 4.28 | 1.32 | 4.18 | 1.35 | 4.07 | 1.38 |
| | | 20 | 15 | 4.41 | 0.96 | 4.31 | 0.98 | 4.20 | 1.00 | 4.10 | 1.02 | 3.99 | 1.04 |

## ●Indoor unit : 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| 12 | Outdoor temperature | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| | | -15 | -16 | 3.48 | 1.67 | 3.39 | 1.70 | 3.31 | 1.74 | 3.23 | 1.77 | 3.15 | 1.80 |
| | | -10 | -11 | 3.75 | 1.78 | 3.66 | 1.82 | 3.57 | 1.86 | 3.48 | 1.89 | 3.39 | 1.93 |
| | | -5 | -7 | 3.95 | 1.75 | 3.86 | 1.78 | 3.76 | 1.82 | 3.67 | 1.86 | 3.57 | 1.89 |
| | | 0 | -2 | 4.18 | 1.66 | 4.08 | 1.70 | 3.98 | 1.73 | 3.88 | 1.77 | 3.78 | 1.80 |
| | | 5 | 3 | 4.74 | 1.56 | 4.62 | 1.59 | 4.51 | 1.62 | 4.40 | 1.65 | 4.29 | 1.68 |
| | | 7 | 6 | 5.04 | 1.56 | 4.92 | 1.59 | 4.80 | 1.62 | 4.68 | 1.65 | 4.56 | 1.68 |
| | | 10 | 8 | 5.09 | 1.59 | 4.97 | 1.62 | 4.85 | 1.65 | 4.73 | 1.69 | 4.61 | 1.72 |
| | | 15 | 10 | 5.14 | 1.59 | 5.02 | 1.63 | 4.90 | 1.66 | 4.77 | 1.69 | 4.65 | 1.73 |
| | | 20 | 15 | 5.04 | 1.35 | 4.92 | 1.38 | 4.80 | 1.41 | 4.68 | 1.43 | 4.56 | 1.46 |

## ●Indoor unit : 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| 14 | Outdoor temperature | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| | | -15 | -16 | 3.95 | 1.71 | 3.85 | 1.75 | 3.76 | 1.78 | 3.67 | 1.82 | 3.57 | 1.86 |
| | | -10 | -11 | 4.50 | 1.83 | 4.39 | 1.87 | 4.29 | 1.91 | 4.18 | 1.95 | 4.07 | 1.98 |
| | | -5 | -7 | 4.78 | 1.80 | 4.67 | 1.84 | 4.55 | 1.88 | 4.44 | 1.92 | 4.33 | 1.95 |
| | | 0 | -2 | 5.09 | 1.74 | 4.97 | 1.77 | 4.85 | 1.81 | 4.73 | 1.85 | 4.61 | 1.88 |
| | | 5 | 3 | 5.72 | 1.63 | 5.59 | 1.67 | 5.45 | 1.70 | 5.32 | 1.73 | 5.18 | 1.77 |
| | | 7 | 6 | 6.09 | 1.63 | 5.95 | 1.67 | 5.80 | 1.70 | 5.66 | 1.73 | 5.51 | 1.77 |
| | | 10 | 8 | 6.15 | 1.67 | 6.00 | 1.70 | 5.86 | 1.74 | 5.71 | 1.77 | 5.57 | 1.81 |
| | | 15 | 10 | 6.40 | 1.75 | 6.24 | 1.79 | 6.09 | 1.83 | 5.94 | 1.86 | 5.79 | 1.90 |
| | | 20 | 15 | 6.09 | 1.36 | 5.95 | 1.39 | 5.80 | 1.42 | 5.66 | 1.45 | 5.51 | 1.48 |

TC : Total Capacity (kW)
IP : Input Power (kW)

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Note: 2 or more indoor units should be connected.

## ●Indoor unit : 18000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 18 | Outdoor temperature | -15 | -16 | 4.68 | 2.30 | 4.57 | 2.35 | 4.46 | 2.40 | 4.35 | 2.45 | 4.24 | 2.50 |
| | | -10 | -11 | 5.32 | 2.39 | 5.20 | 2.44 | 5.07 | 2.49 | 4.94 | 2.54 | 4.82 | 2.59 |
| | | -5 | -7 | 5.70 | 2.47 | 5.56 | 2.52 | 5.43 | 2.57 | 5.29 | 2.62 | 5.16 | 2.68 |
| | | 0 | -2 | 6.19 | 2.33 | 6.04 | 2.38 | 5.89 | 2.42 | 5.75 | 2.47 | 5.60 | 2.52 |
| | | 5 | 3 | 7.01 | 2.30 | 6.84 | 2.35 | 6.67 | 2.40 | 6.51 | 2.45 | 6.34 | 2.50 |
| | | 7 | 6 | 7.46 | 2.30 | 7.28 | 2.35 | 7.10 | 2.40 | 6.92 | 2.45 | 6.75 | 2.50 |
| | | 10 | 8 | 7.53 | 2.36 | 7.35 | 2.41 | 7.17 | 2.46 | 6.99 | 2.51 | 6.81 | 2.56 |
| | | 15 | 10 | 7.60 | 2.30 | 7.42 | 2.35 | 7.24 | 2.40 | 7.06 | 2.45 | 6.88 | 2.50 |
| | | 20 | 15 | 7.46 | 1.93 | 7.28 | 1.97 | 7.10 | 2.01 | 6.92 | 2.05 | 6.75 | 2.09 |

## ●Indoor unit : 7000Btu + 7000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7 | Outdoor temperature | -15 | -16 | 3.85 | 1.83 | 3.76 | 1.87 | 3.66 | 1.91 | 3.57 | 1.95 | 3.48 | 1.99 |
| | | -10 | -11 | 4.55 | 1.95 | 4.45 | 1.99 | 4.34 | 2.03 | 4.23 | 2.07 | 4.12 | 2.11 |
| | | -5 | -7 | 5.00 | 1.91 | 4.88 | 1.95 | 4.76 | 1.99 | 4.65 | 2.03 | 4.53 | 2.07 |
| | | 0 | -2 | 5.54 | 1.72 | 5.41 | 1.76 | 5.28 | 1.89 | 5.15 | 1.83 | 5.01 | 1.87 |
| | | 5 | 3 | 6.02 | 1.80 | 5.88 | 1.83 | 5.73 | 1.91 | 5.59 | 1.91 | 5.45 | 1.95 |
| | | 7 | 6 | 6.41 | 1.85 | 6.25 | 1.89 | 6.10 | 1.93 | 5.95 | 1.97 | 5.80 | 2.01 |
| | | 10 | 8 | 6.76 | 1.89 | 6.60 | 1.93 | 6.44 | 1.97 | 6.27 | 2.01 | 6.11 | 2.05 |
| | | 15 | 10 | 7.44 | 1.91 | 7.26 | 1.95 | 7.09 | 1.99 | 6.91 | 2.03 | 6.73 | 2.07 |
| | | 20 | 15 | 6.77 | 1.67 | 6.61 | 1.70 | 6.45 | 1.74 | 6.29 | 1.77 | 6.12 | 1.81 |

## ●Indoor unit : 7000Btu + 9000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+9 | Outdoor temperature | -15 | -16 | 4.31 | 2.36 | 4.21 | 2.41 | 4.10 | 2.46 | 4.00 | 2.50 | 3.90 | 2.55 |
| | | -10 | -11 | 5.09 | 2.50 | 4.97 | 2.55 | 4.85 | 2.60 | 4.72 | 2.66 | 4.60 | 2.71 |
| | | -5 | -7 | 5.59 | 2.45 | 5.46 | 2.50 | 5.33 | 2.55 | 5.19 | 2.61 | 5.06 | 2.66 |
| | | 0 | -2 | 6.25 | 2.21 | 6.11 | 2.26 | 5.96 | 2.50 | 5.81 | 2.35 | 5.66 | 2.40 |
| | | 5 | 3 | 6.91 | 2.31 | 6.74 | 2.36 | 6.58 | 2.48 | 6.42 | 2.45 | 6.25 | 2.50 |
| | | 7 | 6 | 7.35 | 2.42 | 7.18 | 2.47 | 7.00 | 2.52 | 6.83 | 2.57 | 6.65 | 2.62 |
| | | 10 | 8 | 7.73 | 2.23 | 7.55 | 2.27 | 7.36 | 2.40 | 7.18 | 2.32 | 7.00 | 2.32 |
| | | 15 | 10 | 7.78 | 2.23 | 7.60 | 2.27 | 7.41 | 2.32 | 7.23 | 2.32 | 7.04 | 2.32 |
| | | 20 | 15 | 7.18 | 1.87 | 7.01 | 1.91 | 6.84 | 1.95 | 6.67 | 1.95 | 6.50 | 1.95 |

## ●Indoor unit : 7000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+12 | Outdoor temperature | -15 | -16 | 4.58 | 2.46 | 4.47 | 2.51 | 4.36 | 2.56 | 4.25 | 2.62 | 4.14 | 2.67 |
| | | -10 | -11 | 5.33 | 2.61 | 5.20 | 2.67 | 5.08 | 2.72 | 4.95 | 2.78 | 4.82 | 2.78 |
| | | -5 | -7 | 5.90 | 2.56 | 5.76 | 2.61 | 5.62 | 2.67 | 5.48 | 2.72 | 5.34 | 2.78 |
| | | 0 | -2 | 6.64 | 2.31 | 6.48 | 2.36 | 6.32 | 2.61 | 6.16 | 2.46 | 6.00 | 2.51 |
| | | 5 | 3 | 7.21 | 2.41 | 7.03 | 2.46 | 6.86 | 2.64 | 6.69 | 2.56 | 6.52 | 2.61 |
| | | 7 | 6 | 7.67 | 2.55 | 7.48 | 2.61 | 7.30 | 2.66 | 7.12 | 2.71 | 6.94 | 2.77 |
| | | 10 | 8 | 8.04 | 2.23 | 7.85 | 2.27 | 7.66 | 2.53 | 7.47 | 2.32 | 7.28 | 2.32 |
| | | 15 | 10 | 8.06 | 2.23 | 7.87 | 2.27 | 7.68 | 2.32 | 7.49 | 2.32 | 7.30 | 2.32 |
| | | 20 | 15 | 7.84 | 1.87 | 7.66 | 1.91 | 7.47 | 1.95 | 7.28 | 1.95 | 7.10 | 1.95 |

TC : Total Capacity (kW)
IP : Input Power (kW)

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## ●Indoor unit : 7000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+14 | Outdoor temperature | -15 | -16 | 4.90 | 2.67 | 4.78 | 2.72 | 4.66 | 2.78 | 4.55 | 2.78 | 4.43 | 2.78 |
| | | -10 | -11 | 5.75 | 2.67 | 5.61 | 2.72 | 5.47 | 2.78 | 5.34 | 2.78 | 5.20 | 2.78 |
| | | -5 | -7 | 6.51 | 2.67 | 6.35 | 2.72 | 6.20 | 2.78 | 6.04 | 2.78 | 5.89 | 2.78 |
| | | 0 | -2 | 7.31 | 2.49 | 7.14 | 2.54 | 6.97 | 2.80 | 6.79 | 2.65 | 6.62 | 2.70 |
| | | 5 | 3 | 8.19 | 2.60 | 8.00 | 2.65 | 7.80 | 2.82 | 7.61 | 2.78 | 7.41 | 2.78 |
| | | 7 | 6 | 8.72 | 2.76 | 8.51 | 2.87 | 8.30 | 2.87 | 8.09 | 2.87 | 7.89 | 2.87 |
| | | 10 | 8 | 9.04 | 2.23 | 8.83 | 2.27 | 8.61 | 2.60 | 8.40 | 2.32 | 8.18 | 2.32 |
| | | 15 | 10 | 8.96 | 2.23 | 8.75 | 2.27 | 8.53 | 2.32 | 8.32 | 2.32 | 8.11 | 2.32 |
| | | 20 | 15 | 8.52 | 1.87 | 8.32 | 1.91 | 8.12 | 1.95 | 7.91 | 1.95 | 7.71 | 1.95 |

## ●Indoor unit : 7000Btu + 18000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+18 | Outdoor temperature | -15 | -16 | 4.94 | 2.47 | 4.82 | 2.52 | 4.70 | 2.58 | 4.58 | 2.63 | 4.47 | 2.68 |
| | | -10 | -11 | 5.79 | 2.58 | 5.65 | 2.63 | 5.51 | 2.69 | 5.38 | 2.74 | 5.24 | 2.78 |
| | | -5 | -7 | 6.54 | 2.67 | 6.38 | 2.72 | 6.23 | 2.78 | 6.07 | 2.78 | 5.91 | 2.78 |
| | | 0 | -2 | 7.38 | 2.61 | 7.21 | 2.66 | 7.03 | 2.80 | 6.86 | 2.78 | 6.68 | 2.78 |
| | | 5 | 3 | 8.23 | 2.67 | 8.03 | 2.72 | 7.84 | 2.82 | 7.64 | 2.78 | 7.44 | 2.78 |
| | | 7 | 6 | 8.72 | 2.76 | 8.51 | 2.87 | 8.30 | 2.87 | 8.09 | 2.87 | 7.89 | 2.87 |
| | | 10 | 8 | 9.03 | 2.23 | 8.81 | 2.27 | 8.60 | 2.60 | 8.38 | 2.32 | 8.17 | 2.32 |
| | | 15 | 10 | 8.98 | 2.23 | 8.77 | 2.27 | 8.56 | 2.32 | 8.34 | 2.32 | 8.13 | 2.32 |
| | | 20 | 15 | 8.72 | 1.87 | 8.51 | 1.91 | 8.30 | 1.95 | 8.09 | 1.95 | 7.89 | 1.95 |

## ●Indoor unit : 9000Btu + 9000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+9 | Outdoor temperature | -15 | -16 | 4.55 | 2.49 | 4.44 | 2.54 | 4.34 | 2.59 | 4.23 | 2.65 | 4.12 | 2.70 |
| | | -10 | -11 | 5.35 | 2.64 | 5.22 | 2.70 | 5.10 | 2.75 | 4.97 | 2.78 | 4.84 | 2.78 |
| | | -5 | -7 | 5.89 | 2.59 | 5.75 | 2.64 | 5.61 | 2.70 | 5.47 | 2.75 | 5.33 | 2.78 |
| | | 0 | -2 | 6.60 | 2.34 | 6.44 | 2.39 | 6.28 | 2.67 | 6.12 | 2.49 | 5.97 | 2.53 |
| | | 5 | 3 | 7.30 | 2.44 | 7.13 | 2.49 | 6.96 | 2.63 | 6.78 | 2.59 | 6.61 | 2.64 |
| | | 7 | 6 | 7.77 | 2.57 | 7.59 | 2.63 | 7.40 | 2.68 | 7.22 | 2.73 | 7.03 | 2.79 |
| | | 10 | 8 | 8.17 | 2.23 | 7.97 | 2.27 | 7.78 | 2.48 | 7.59 | 2.32 | 7.39 | 2.32 |
| | | 15 | 10 | 8.26 | 2.23 | 8.06 | 2.27 | 7.87 | 2.32 | 7.67 | 2.32 | 7.47 | 2.32 |
| | | 20 | 15 | 7.33 | 1.87 | 7.15 | 1.91 | 6.98 | 1.95 | 6.81 | 1.95 | 6.63 | 1.95 |

## ●Indoor unit : 9000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+12 | Outdoor temperature | -15 | -16 | 4.62 | 2.63 | 4.51 | 2.69 | 4.40 | 2.74 | 4.29 | 2.78 | 4.18 | 2.78 |
| | | -10 | -11 | 5.44 | 2.67 | 5.31 | 2.72 | 5.18 | 2.78 | 5.05 | 2.78 | 4.92 | 2.78 |
| | | -5 | -7 | 6.02 | 2.67 | 5.88 | 2.72 | 5.74 | 2.78 | 5.59 | 2.78 | 5.45 | 2.78 |
| | | 0 | -2 | 6.79 | 2.47 | 6.63 | 2.52 | 6.47 | 2.76 | 6.30 | 2.63 | 6.14 | 2.68 |
| | | 5 | 3 | 7.60 | 2.58 | 7.42 | 2.63 | 7.24 | 2.78 | 7.06 | 2.74 | 6.88 | 2.78 |
| | | 7 | 6 | 8.09 | 2.76 | 7.89 | 2.87 | 7.70 | 2.87 | 7.51 | 2.87 | 7.32 | 2.87 |
| | | 10 | 8 | 8.39 | 2.23 | 8.19 | 2.27 | 7.99 | 2.56 | 7.79 | 2.32 | 7.59 | 2.32 |
| | | 15 | 10 | 8.44 | 2.23 | 8.24 | 2.27 | 8.04 | 2.32 | 7.84 | 2.32 | 7.64 | 2.32 |
| | | 20 | 15 | 7.39 | 1.87 | 7.21 | 1.91 | 7.03 | 1.95 | 6.86 | 1.95 | 6.68 | 1.95 |

TC : Total Capacity (kW)
IP : Input Power (kW)

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## ● Indoor unit : 9000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+14 | Outdoor temperature | -15 | -16 | 4.91 | 2.63 | 4.79 | 2.69 | 4.67 | 2.74 | 4.56 | 2.78 | 4.44 | 2.78 |
| | | -10 | -11 | 5.76 | 2.67 | 5.63 | 2.72 | 5.49 | 2.78 | 5.35 | 2.78 | 5.21 | 2.78 |
| | | -5 | -7 | 6.53 | 2.67 | 6.37 | 2.72 | 6.22 | 2.78 | 6.06 | 2.78 | 5.91 | 2.78 |
| | | 0 | -2 | 7.35 | 2.47 | 7.18 | 2.52 | 7.00 | 2.77 | 6.83 | 2.63 | 6.65 | 2.68 |
| | | 5 | 3 | 8.22 | 2.58 | 8.02 | 2.63 | 7.83 | 2.80 | 7.63 | 2.74 | 7.43 | 2.78 |
| | | 7 | 6 | 8.72 | 2.76 | 8.51 | 2.87 | 8.30 | 2.87 | 8.09 | 2.87 | 7.89 | 2.87 |
| | | 10 | 8 | 9.09 | 2.23 | 8.87 | 2.27 | 8.66 | 2.68 | 8.44 | 2.32 | 8.22 | 2.32 |
| | | 15 | 10 | 9.05 | 2.23 | 8.84 | 2.27 | 8.62 | 2.32 | 8.40 | 2.32 | 8.19 | 2.32 |
| | | 20 | 15 | 8.77 | 1.87 | 8.56 | 1.91 | 8.35 | 1.95 | 8.14 | 1.95 | 7.94 | 1.95 |

## ● Indoor unit : 9000Btu + 18000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+18 | Outdoor temperature | -15 | -16 | 4.99 | 2.46 | 4.88 | 2.52 | 4.76 | 2.57 | 4.64 | 2.62 | 4.52 | 2.67 |
| | | -10 | -11 | 5.86 | 2.57 | 5.72 | 2.62 | 5.58 | 2.68 | 5.45 | 2.73 | 5.31 | 2.78 |
| | | -5 | -7 | 6.63 | 2.67 | 6.47 | 2.72 | 6.31 | 2.78 | 6.15 | 2.78 | 6.00 | 2.78 |
| | | 0 | -2 | 7.54 | 2.60 | 7.36 | 2.65 | 7.18 | 2.80 | 7.00 | 2.78 | 6.82 | 2.78 |
| | | 5 | 3 | 8.39 | 2.67 | 8.19 | 2.72 | 7.99 | 2.82 | 7.79 | 2.78 | 7.59 | 2.78 |
| | | 7 | 6 | 8.93 | 2.76 | 8.71 | 2.87 | 8.50 | 2.87 | 8.29 | 2.87 | 8.08 | 2.87 |
| | | 10 | 8 | 9.25 | 2.23 | 9.03 | 2.27 | 8.81 | 2.68 | 8.59 | 2.32 | 8.37 | 2.32 |
| | | 15 | 10 | 9.16 | 2.23 | 8.94 | 2.27 | 8.73 | 2.32 | 8.51 | 2.32 | 8.29 | 2.32 |
| | | 20 | 15 | 8.93 | 1.87 | 8.72 | 1.91 | 8.51 | 1.95 | 8.29 | 1.95 | 8.08 | 1.95 |

## ● Indoor unit : 12000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 12+12 | Outdoor temperature | -15 | -16 | 4.66 | 2.67 | 4.55 | 2.72 | 4.44 | 2.78 | 4.33 | 2.78 | 4.22 | 2.78 |
| | | -10 | -11 | 5.49 | 2.67 | 5.36 | 2.72 | 5.23 | 2.78 | 5.09 | 2.78 | 4.96 | 2.78 |
| | | -5 | -7 | 6.08 | 2.67 | 5.94 | 2.72 | 5.79 | 2.78 | 5.65 | 2.78 | 5.50 | 2.78 |
| | | 0 | -2 | 6.86 | 2.49 | 6.70 | 2.54 | 6.53 | 2.80 | 6.37 | 2.65 | 6.21 | 2.70 |
| | | 5 | 3 | 7.70 | 2.60 | 7.52 | 2.65 | 7.34 | 2.84 | 7.15 | 2.78 | 6.97 | 2.78 |
| | | 7 | 6 | 8.19 | 2.76 | 8.00 | 2.87 | 7.80 | 2.87 | 7.61 | 2.87 | 7.41 | 2.87 |
| | | 10 | 8 | 8.55 | 2.23 | 8.35 | 2.27 | 8.15 | 2.61 | 7.94 | 2.32 | 7.74 | 2.32 |
| | | 15 | 10 | 8.56 | 2.23 | 8.35 | 2.27 | 8.15 | 2.32 | 7.94 | 2.32 | 7.74 | 2.32 |
| | | 20 | 15 | 8.25 | 1.87 | 8.05 | 1.91 | 7.85 | 1.95 | 7.66 | 1.95 | 7.46 | 1.95 |

## ● Indoor unit : 12000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 12+14 | Outdoor temperature | -15 | -16 | 4.91 | 2.47 | 4.80 | 2.52 | 4.68 | 2.58 | 4.56 | 2.63 | 4.45 | 2.68 |
| | | -10 | -11 | 5.78 | 2.58 | 5.64 | 2.63 | 5.50 | 2.69 | 5.37 | 2.74 | 5.23 | 2.78 |
| | | -5 | -7 | 6.55 | 2.67 | 6.39 | 2.72 | 6.24 | 2.78 | 6.08 | 2.78 | 5.93 | 2.78 |
| | | 0 | -2 | 7.43 | 2.61 | 7.25 | 2.66 | 7.08 | 2.79 | 6.90 | 2.78 | 6.72 | 2.78 |
| | | 5 | 3 | 8.29 | 2.67 | 8.09 | 2.72 | 7.90 | 2.80 | 7.70 | 2.78 | 7.50 | 2.78 |
| | | 7 | 6 | 8.82 | 2.76 | 8.61 | 2.87 | 8.40 | 2.87 | 8.19 | 2.87 | 7.98 | 2.87 |
| | | 10 | 8 | 9.15 | 2.23 | 8.93 | 2.27 | 8.71 | 2.55 | 8.49 | 2.32 | 8.28 | 2.32 |
| | | 15 | 10 | 9.12 | 2.23 | 8.90 | 2.27 | 8.69 | 2.32 | 8.47 | 2.32 | 8.25 | 2.32 |
| | | 20 | 15 | 8.83 | 1.87 | 8.62 | 1.91 | 8.41 | 1.95 | 8.20 | 1.95 | 7.99 | 1.95 |

TC : Total Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO*G18-24L3

## ●Indoor unit : 12000Btu + 18000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | Outdoor temperature | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 12+18 | | -15 | -16 | 5.03 | 2.45 | 4.91 | 2.50 | 4.79 | 2.55 | 4.67 | 2.60 | 4.55 | 2.65 |
| | | -10 | -11 | 5.91 | 2.55 | 5.77 | 2.61 | 5.63 | 2.66 | 5.49 | 2.71 | 5.35 | 2.78 |
| | | -5 | -7 | 6.68 | 2.63 | 6.52 | 2.69 | 6.37 | 2.74 | 6.21 | 2.78 | 6.05 | 2.78 |
| | | 0 | -2 | 7.61 | 2.58 | 7.43 | 2.63 | 7.25 | 2.76 | 7.07 | 2.74 | 6.89 | 2.78 |
| | | 5 | 3 | 8.49 | 2.67 | 8.29 | 2.72 | 8.08 | 2.78 | 7.88 | 2.78 | 7.68 | 2.78 |
| | | 7 | 6 | 9.03 | 2.76 | 8.82 | 2.87 | 8.60 | 2.87 | 8.39 | 2.87 | 8.17 | 2.87 |
| | | 10 | 8 | 9.41 | 2.23 | 9.19 | 2.27 | 8.96 | 2.67 | 8.74 | 2.32 | 8.51 | 2.32 |
| | | 15 | 10 | 9.31 | 2.23 | 9.09 | 2.27 | 8.86 | 2.32 | 8.64 | 2.32 | 8.42 | 2.32 |
| | | 20 | 15 | 9.06 | 1.87 | 8.85 | 1.91 | 8.63 | 1.95 | 8.42 | 1.95 | 8.20 | 1.95 |

## ●Indoor unit : 7000Btu + 7000Btu + 7000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | Outdoor temperature | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7+7 | | -15 | -16 | 4.97 | 2.32 | 4.85 | 2.37 | 4.73 | 2.42 | 4.61 | 2.46 | 4.49 | 2.51 |
| | | -10 | -11 | 5.78 | 2.42 | 5.64 | 2.47 | 5.50 | 2.52 | 5.37 | 2.57 | 5.23 | 2.63 |
| | | -5 | -7 | 6.55 | 2.53 | 6.39 | 2.58 | 6.24 | 2.63 | 6.08 | 2.68 | 5.92 | 2.74 |
| | | 0 | -2 | 7.49 | 2.68 | 7.32 | 2.74 | 7.14 | 2.79 | 6.96 | 2.87 | 6.78 | 2.87 |
| | | 5 | 3 | 8.49 | 2.57 | 8.29 | 2.63 | 8.08 | 2.68 | 7.88 | 2.73 | 7.68 | 2.79 |
| | | 7 | 6 | 9.03 | 2.57 | 8.82 | 2.63 | 8.60 | 2.68 | 8.39 | 2.73 | 8.17 | 2.79 |
| | | 10 | 8 | 9.39 | 2.62 | 9.17 | 2.68 | 8.94 | 2.73 | 8.72 | 2.79 | 8.50 | 2.87 |
| | | 15 | 10 | 9.84 | 2.62 | 9.61 | 2.68 | 9.37 | 2.73 | 9.14 | 2.79 | 8.91 | 2.87 |
| | | 20 | 15 | 9.03 | 2.03 | 8.82 | 2.07 | 8.60 | 2.12 | 8.39 | 2.16 | 8.17 | 2.20 |

## ●Indoor unit : 7000Btu + 7000Btu + 9000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | Outdoor temperature | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7+9 | | -15 | -16 | 5.08 | 2.34 | 4.96 | 2.39 | 4.84 | 2.44 | 4.72 | 2.49 | 4.60 | 2.54 |
| | | -10 | -11 | 5.91 | 2.46 | 5.77 | 2.52 | 5.63 | 2.57 | 5.49 | 2.62 | 5.35 | 2.67 |
| | | -5 | -7 | 6.70 | 2.55 | 6.54 | 2.61 | 6.38 | 2.66 | 6.22 | 2.71 | 6.06 | 2.77 |
| | | 0 | -2 | 7.67 | 2.76 | 7.49 | 2.87 | 7.30 | 2.87 | 7.12 | 2.87 | 6.94 | 2.87 |
| | | 5 | 3 | 8.69 | 2.76 | 8.48 | 2.87 | 8.27 | 2.87 | 8.07 | 2.87 | 7.86 | 2.87 |
| | | 7 | 6 | 9.24 | 2.76 | 9.02 | 2.87 | 8.80 | 2.87 | 8.58 | 2.87 | 8.36 | 2.87 |
| | | 10 | 8 | 9.61 | 2.76 | 9.38 | 2.87 | 9.15 | 2.87 | 8.92 | 2.87 | 8.69 | 2.87 |
| | | 15 | 10 | 10.07 | 2.67 | 9.83 | 2.73 | 9.59 | 2.78 | 9.35 | 2.87 | 9.11 | 2.87 |
| | | 20 | 15 | 9.24 | 2.04 | 9.02 | 2.08 | 8.80 | 2.12 | 8.58 | 2.17 | 8.36 | 2.21 |

## ●Indoor unit : 7000Btu + 7000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | Outdoor temperature | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7+12 | | -15 | -16 | 5.14 | 2.29 | 5.02 | 2.33 | 4.90 | 2.38 | 4.77 | 2.43 | 4.65 | 2.48 |
| | | -10 | -11 | 5.98 | 2.40 | 5.84 | 2.45 | 5.70 | 2.50 | 5.55 | 2.55 | 5.41 | 2.60 |
| | | -5 | -7 | 6.78 | 2.49 | 6.61 | 2.54 | 6.45 | 2.60 | 6.29 | 2.65 | 6.13 | 2.70 |
| | | 0 | -2 | 7.76 | 2.69 | 7.57 | 2.74 | 7.39 | 2.80 | 7.20 | 2.87 | 7.02 | 2.87 |
| | | 5 | 3 | 8.78 | 2.69 | 8.58 | 2.74 | 8.37 | 2.80 | 8.16 | 2.87 | 7.95 | 2.87 |
| | | 7 | 6 | 9.35 | 2.69 | 9.12 | 2.74 | 8.90 | 2.80 | 8.68 | 2.87 | 8.46 | 2.87 |
| | | 10 | 8 | 9.72 | 2.69 | 9.49 | 2.74 | 9.26 | 2.80 | 9.02 | 2.87 | 8.79 | 2.87 |
| | | 15 | 10 | 10.19 | 2.61 | 9.94 | 2.66 | 9.70 | 2.72 | 9.46 | 2.77 | 9.22 | 2.87 |
| | | 20 | 15 | 9.35 | 1.99 | 9.12 | 2.03 | 8.90 | 2.07 | 8.68 | 2.11 | 8.46 | 2.15 |

TC : Total Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO*G18-24L3

## ● Indoor unit : 7000Btu + 7000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | Outdoor temperature | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7+14 | | -15 | -16 | 5.31 | 2.22 | 5.19 | 2.27 | 5.06 | 2.31 | 4.93 | 2.36 | 4.81 | 2.41 |
| | | -10 | -11 | 6.18 | 2.34 | 6.04 | 2.38 | 5.89 | 2.43 | 5.74 | 2.48 | 5.59 | 2.53 |
| | | -5 | -7 | 7.00 | 2.42 | 6.84 | 2.47 | 6.67 | 2.52 | 6.50 | 2.57 | 6.34 | 2.62 |
| | | 0 | -2 | 8.02 | 2.61 | 7.83 | 2.67 | 7.64 | 2.72 | 7.45 | 2.77 | 7.25 | 2.87 |
| | | 5 | 3 | 9.08 | 2.61 | 8.86 | 2.67 | 8.65 | 2.72 | 8.43 | 2.77 | 8.22 | 2.87 |
| | | 7 | 6 | 9.66 | 2.61 | 9.43 | 2.67 | 9.20 | 2.72 | 8.97 | 2.77 | 8.74 | 2.87 |
| | | 10 | 8 | 10.05 | 2.61 | 9.81 | 2.67 | 9.57 | 2.72 | 9.33 | 2.77 | 9.09 | 2.87 |
| | | 15 | 10 | 10.53 | 2.53 | 10.28 | 2.59 | 10.03 | 2.64 | 9.78 | 2.69 | 9.53 | 2.74 |
| | | 20 | 15 | 9.66 | 1.93 | 9.43 | 1.97 | 9.20 | 2.01 | 8.97 | 2.05 | 8.74 | 2.09 |

## ● Indoor unit : 7000Btu + 7000Btu + 18000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | Outdoor temperature | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7+18 | | -15 | -16 | 5.31 | 2.20 | 5.19 | 2.25 | 5.06 | 2.30 | 4.93 | 2.34 | 4.81 | 2.39 |
| | | -10 | -11 | 6.18 | 2.32 | 6.04 | 2.37 | 5.89 | 2.41 | 5.74 | 2.46 | 5.59 | 2.51 |
| | | -5 | -7 | 7.00 | 2.40 | 6.84 | 2.45 | 6.67 | 2.50 | 6.50 | 2.55 | 6.34 | 2.60 |
| | | 0 | -2 | 8.02 | 2.59 | 7.83 | 2.65 | 7.64 | 2.70 | 7.45 | 2.75 | 7.25 | 2.87 |
| | | 5 | 3 | 9.08 | 2.59 | 8.86 | 2.65 | 8.65 | 2.70 | 8.43 | 2.75 | 8.22 | 2.87 |
| | | 7 | 6 | 9.66 | 2.59 | 9.43 | 2.65 | 9.20 | 2.70 | 8.97 | 2.75 | 8.74 | 2.87 |
| | | 10 | 8 | 10.05 | 2.59 | 9.81 | 2.65 | 9.57 | 2.70 | 9.33 | 2.75 | 9.09 | 2.87 |
| | | 15 | 10 | 10.53 | 2.51 | 10.28 | 2.57 | 10.03 | 2.62 | 9.78 | 2.67 | 9.53 | 2.72 |
| | | 20 | 15 | 9.66 | 1.92 | 9.43 | 1.96 | 9.20 | 2.00 | 8.97 | 2.04 | 8.74 | 2.08 |

## ● Indoor unit : 7000Btu + 9000Btu + 9000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | Outdoor temperature | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+9+9 | | -15 | -16 | 5.20 | 2.34 | 5.07 | 2.39 | 4.95 | 2.44 | 4.83 | 2.49 | 4.70 | 2.54 |
| | | -10 | -11 | 6.05 | 2.46 | 5.90 | 2.52 | 5.76 | 2.57 | 5.62 | 2.62 | 5.47 | 2.67 |
| | | -5 | -7 | 6.85 | 2.55 | 6.69 | 2.61 | 6.53 | 2.66 | 6.36 | 2.71 | 6.20 | 2.77 |
| | | 0 | -2 | 7.84 | 2.76 | 7.66 | 2.87 | 7.47 | 2.87 | 7.28 | 2.87 | 7.10 | 2.87 |
| | | 5 | 3 | 8.88 | 2.76 | 8.67 | 2.87 | 8.46 | 2.87 | 8.25 | 2.87 | 8.04 | 2.87 |
| | | 7 | 6 | 9.45 | 2.76 | 9.23 | 2.87 | 9.00 | 2.87 | 8.78 | 2.87 | 8.55 | 2.87 |
| | | 10 | 8 | 9.83 | 2.76 | 9.59 | 2.87 | 9.36 | 2.87 | 9.13 | 2.87 | 8.89 | 2.87 |
| | | 15 | 10 | 10.30 | 2.67 | 10.06 | 2.73 | 9.81 | 2.78 | 9.56 | 2.87 | 9.32 | 2.87 |
| | | 20 | 15 | 9.45 | 2.04 | 9.23 | 2.08 | 9.00 | 2.12 | 8.78 | 2.17 | 8.55 | 2.21 |

## ● Indoor unit : 7000Btu + 9000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | Outdoor temperature | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+9+12 | | -15 | -16 | 5.26 | 2.34 | 5.13 | 2.39 | 5.01 | 2.44 | 4.88 | 2.49 | 4.75 | 2.54 |
| | | -10 | -11 | 6.12 | 2.46 | 5.97 | 2.52 | 5.82 | 2.57 | 5.68 | 2.62 | 5.53 | 2.67 |
| | | -5 | -7 | 6.93 | 2.55 | 6.76 | 2.61 | 6.60 | 2.66 | 6.43 | 2.71 | 6.27 | 2.77 |
| | | 0 | -2 | 7.93 | 2.76 | 7.74 | 2.87 | 7.55 | 2.87 | 7.36 | 2.87 | 7.18 | 2.87 |
| | | 5 | 3 | 8.98 | 2.76 | 8.77 | 2.87 | 8.55 | 2.87 | 8.34 | 2.87 | 8.13 | 2.87 |
| | | 7 | 6 | 9.56 | 2.76 | 9.33 | 2.87 | 9.10 | 2.87 | 8.87 | 2.87 | 8.65 | 2.87 |
| | | 10 | 8 | 9.94 | 2.76 | 9.70 | 2.87 | 9.46 | 2.87 | 9.23 | 2.87 | 8.99 | 2.87 |
| | | 15 | 10 | 10.41 | 2.67 | 10.17 | 2.73 | 9.92 | 2.78 | 9.67 | 2.87 | 9.42 | 2.87 |
| | | 20 | 15 | 9.56 | 2.04 | 9.33 | 2.08 | 9.10 | 2.12 | 8.87 | 2.17 | 8.65 | 2.21 |

TC : Total Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO*G18-24L3

## ●Indoor unit : 7000Btu + 9000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+9+14 | Outdoor temperature | -15 | -16 | 5.31 | 2.22 | 5.19 | 2.27 | 5.06 | 2.31 | 4.93 | 2.36 | 4.81 | 2.41 |
| | | -10 | -11 | 6.18 | 2.34 | 6.04 | 2.38 | 5.89 | 2.43 | 5.74 | 2.48 | 5.59 | 2.53 |
| | | -5 | -7 | 7.00 | 2.42 | 6.84 | 2.47 | 6.67 | 2.52 | 6.50 | 2.57 | 6.34 | 2.62 |
| | | 0 | -2 | 8.02 | 2.61 | 7.83 | 2.67 | 7.64 | 2.72 | 7.45 | 2.77 | 7.25 | 2.87 |
| | | 5 | 3 | 9.08 | 2.61 | 8.86 | 2.67 | 8.65 | 2.72 | 8.43 | 2.77 | 8.22 | 2.87 |
| | | 7 | 6 | 9.66 | 2.61 | 9.43 | 2.67 | 9.20 | 2.72 | 8.97 | 2.77 | 8.74 | 2.87 |
| | | 10 | 8 | 10.05 | 2.61 | 9.81 | 2.67 | 9.57 | 2.72 | 9.33 | 2.77 | 9.09 | 2.87 |
| | | 15 | 10 | 10.53 | 2.53 | 10.28 | 2.59 | 10.03 | 2.64 | 9.78 | 2.69 | 9.53 | 2.74 |
| | | 20 | 15 | 9.66 | 1.93 | 9.43 | 1.97 | 9.20 | 2.01 | 8.97 | 2.05 | 8.74 | 2.09 |

## ●Indoor unit : 7000Btu + 9000Btu + 18000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+9+18 | Outdoor temperature | -15 | -16 | 5.31 | 2.20 | 5.19 | 2.24 | 5.06 | 2.29 | 4.93 | 2.33 | 4.81 | 2.38 |
| | | -10 | -11 | 6.18 | 2.31 | 6.04 | 2.36 | 5.89 | 2.41 | 5.74 | 2.45 | 5.59 | 2.50 |
| | | -5 | -7 | 7.00 | 2.39 | 6.84 | 2.44 | 6.67 | 2.49 | 6.50 | 2.54 | 6.34 | 2.59 |
| | | 0 | -2 | 8.02 | 2.58 | 7.83 | 2.64 | 7.64 | 2.69 | 7.45 | 2.74 | 7.25 | 2.80 |
| | | 5 | 3 | 9.08 | 2.58 | 8.86 | 2.64 | 8.65 | 2.69 | 8.43 | 2.74 | 8.22 | 2.80 |
| | | 7 | 6 | 9.66 | 2.58 | 9.43 | 2.64 | 9.20 | 2.69 | 8.97 | 2.74 | 8.74 | 2.80 |
| | | 10 | 8 | 10.05 | 2.58 | 9.81 | 2.64 | 9.57 | 2.69 | 9.33 | 2.74 | 9.09 | 2.80 |
| | | 15 | 10 | 10.53 | 2.50 | 10.28 | 2.56 | 10.03 | 2.61 | 9.78 | 2.66 | 9.53 | 2.71 |
| | | 20 | 15 | 9.66 | 1.91 | 9.43 | 1.95 | 9.20 | 1.99 | 8.97 | 2.03 | 8.74 | 2.07 |

## ●Indoor unit : 7000Btu + 12000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+12+12 | Outdoor temperature | -15 | -16 | 5.26 | 2.34 | 5.13 | 2.39 | 5.01 | 2.44 | 4.88 | 2.49 | 4.75 | 2.54 |
| | | -10 | -11 | 6.12 | 2.46 | 5.97 | 2.52 | 5.82 | 2.57 | 5.68 | 2.62 | 5.53 | 2.67 |
| | | -5 | -7 | 6.93 | 2.55 | 6.76 | 2.61 | 6.60 | 2.66 | 6.43 | 2.71 | 6.27 | 2.77 |
| | | 0 | -2 | 7.93 | 2.76 | 7.74 | 2.87 | 7.55 | 2.87 | 7.36 | 2.87 | 7.18 | 2.87 |
| | | 5 | 3 | 8.98 | 2.76 | 8.77 | 2.87 | 8.55 | 2.87 | 8.34 | 2.87 | 8.13 | 2.87 |
| | | 7 | 6 | 9.56 | 2.76 | 9.33 | 2.87 | 9.10 | 2.87 | 8.87 | 2.87 | 8.65 | 2.87 |
| | | 10 | 8 | 9.94 | 2.76 | 9.70 | 2.87 | 9.46 | 2.87 | 9.23 | 2.87 | 8.99 | 2.87 |
| | | 15 | 10 | 10.41 | 2.67 | 10.17 | 2.73 | 9.92 | 2.78 | 9.67 | 2.87 | 9.42 | 2.87 |
| | | 20 | 15 | 9.56 | 2.04 | 9.33 | 2.08 | 9.10 | 2.12 | 8.87 | 2.17 | 8.65 | 2.21 |

## ●Indoor unit : 7000Btu + 12000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+12+14 | Outdoor temperature | -15 | -16 | 5.31 | 2.20 | 5.19 | 2.25 | 5.06 | 2.30 | 4.93 | 2.34 | 4.81 | 2.39 |
| | | -10 | -11 | 6.18 | 2.32 | 6.04 | 2.37 | 5.89 | 2.41 | 5.74 | 2.46 | 5.59 | 2.51 |
| | | -5 | -7 | 7.00 | 2.40 | 6.84 | 2.45 | 6.67 | 2.50 | 6.50 | 2.55 | 6.34 | 2.60 |
| | | 0 | -2 | 8.02 | 2.59 | 7.83 | 2.65 | 7.64 | 2.70 | 7.45 | 2.75 | 7.25 | 2.87 |
| | | 5 | 3 | 9.08 | 2.59 | 8.86 | 2.65 | 8.65 | 2.70 | 8.43 | 2.75 | 8.22 | 2.87 |
| | | 7 | 6 | 9.66 | 2.59 | 9.43 | 2.65 | 9.20 | 2.70 | 8.97 | 2.75 | 8.74 | 2.87 |
| | | 10 | 8 | 10.05 | 2.59 | 9.81 | 2.65 | 9.57 | 2.70 | 9.33 | 2.75 | 9.09 | 2.87 |
| | | 15 | 10 | 10.53 | 2.51 | 10.28 | 2.57 | 10.03 | 2.62 | 9.78 | 2.67 | 9.53 | 2.72 |
| | | 20 | 15 | 9.66 | 1.92 | 9.43 | 1.96 | 9.20 | 2.00 | 8.97 | 2.04 | 8.74 | 2.08 |

TC : Total Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO*G18-24L3

## ●Indoor unit : 9000Btu + 9000Btu + 9000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+9+9 | Outdoor temperature | -15 | -16 | 5.26 | 2.34 | 5.13 | 2.39 | 5.01 | 2.44 | 4.88 | 2.49 | 4.75 | 2.54 |
| | | -10 | -11 | 6.12 | 2.46 | 5.97 | 2.52 | 5.82 | 2.57 | 5.68 | 2.62 | 5.53 | 2.67 |
| | | -5 | -7 | 6.93 | 2.55 | 6.76 | 2.61 | 6.60 | 2.66 | 6.43 | 2.71 | 6.27 | 2.77 |
| | | 0 | -2 | 7.93 | 2.76 | 7.74 | 2.87 | 7.55 | 2.87 | 7.36 | 2.87 | 7.18 | 2.87 |
| | | 5 | 3 | 8.98 | 2.76 | 8.77 | 2.87 | 8.55 | 2.87 | 8.34 | 2.87 | 8.13 | 2.87 |
| | | 7 | 6 | 9.56 | 2.76 | 9.33 | 2.87 | 9.10 | 2.87 | 8.87 | 2.87 | 8.65 | 2.87 |
| | | 10 | 8 | 9.94 | 2.76 | 9.70 | 2.87 | 9.46 | 2.87 | 9.23 | 2.87 | 8.99 | 2.87 |
| | | 15 | 10 | 10.41 | 2.67 | 10.17 | 2.73 | 9.92 | 2.78 | 9.67 | 2.87 | 9.42 | 2.87 |
| | | 20 | 15 | 9.56 | 2.04 | 9.33 | 2.08 | 9.10 | 2.12 | 8.87 | 2.17 | 8.65 | 2.21 |

## ●Indoor unit : 9000Btu + 9000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+9+12 | Outdoor temperature | -15 | -16 | 5.31 | 2.34 | 5.19 | 2.39 | 5.06 | 2.44 | 4.93 | 2.49 | 4.81 | 2.54 |
| | | -10 | -11 | 6.18 | 2.46 | 6.04 | 2.52 | 5.89 | 2.57 | 5.74 | 2.62 | 5.59 | 2.67 |
| | | -5 | -7 | 7.00 | 2.55 | 6.84 | 2.61 | 6.67 | 2.66 | 6.50 | 2.71 | 6.34 | 2.77 |
| | | 0 | -2 | 8.02 | 2.76 | 7.83 | 2.87 | 7.64 | 2.87 | 7.45 | 2.87 | 7.25 | 2.87 |
| | | 5 | 3 | 9.08 | 2.76 | 8.86 | 2.87 | 8.65 | 2.87 | 8.43 | 2.87 | 8.22 | 2.87 |
| | | 7 | 6 | 9.66 | 2.76 | 9.43 | 2.87 | 9.20 | 2.87 | 8.97 | 2.87 | 8.74 | 2.87 |
| | | 10 | 8 | 10.05 | 2.76 | 9.81 | 2.87 | 9.57 | 2.87 | 9.33 | 2.87 | 9.09 | 2.87 |
| | | 15 | 10 | 10.53 | 2.67 | 10.28 | 2.73 | 10.03 | 2.78 | 9.78 | 2.87 | 9.53 | 2.87 |
| | | 20 | 15 | 9.66 | 2.04 | 9.43 | 2.08 | 9.20 | 2.12 | 8.97 | 2.17 | 8.74 | 2.21 |

## ●Indoor unit : 9000Btu + 9000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+9+14 | Outdoor temperature | -15 | -16 | 5.31 | 2.20 | 5.19 | 2.25 | 5.06 | 2.30 | 4.93 | 2.34 | 4.81 | 2.39 |
| | | -10 | -11 | 6.18 | 2.32 | 6.04 | 2.37 | 5.89 | 2.41 | 5.74 | 2.46 | 5.59 | 2.51 |
| | | -5 | -7 | 7.00 | 2.40 | 6.84 | 2.45 | 6.67 | 2.50 | 6.50 | 2.55 | 6.34 | 2.60 |
| | | 0 | -2 | 8.02 | 2.59 | 7.83 | 2.65 | 7.64 | 2.70 | 7.45 | 2.75 | 7.25 | 2.87 |
| | | 5 | 3 | 9.08 | 2.59 | 8.86 | 2.65 | 8.65 | 2.70 | 8.43 | 2.75 | 8.22 | 2.87 |
| | | 7 | 6 | 9.66 | 2.59 | 9.43 | 2.65 | 9.20 | 2.70 | 8.97 | 2.75 | 8.74 | 2.87 |
| | | 10 | 8 | 10.05 | 2.59 | 9.81 | 2.65 | 9.57 | 2.70 | 9.33 | 2.75 | 9.09 | 2.87 |
| | | 15 | 10 | 10.53 | 2.51 | 10.28 | 2.57 | 10.03 | 2.62 | 9.78 | 2.67 | 9.53 | 2.72 |
| | | 20 | 15 | 9.66 | 1.92 | 9.43 | 1.96 | 9.20 | 2.00 | 8.97 | 2.04 | 8.74 | 2.08 |

## ●Indoor unit* : 9000Btu + 9000Btu + 18000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+9+18 | Outdoor temperature | -15 | -16 | 5.31 | 2.19 | 5.19 | 2.23 | 5.06 | 2.28 | 4.93 | 2.32 | 4.81 | 2.37 |
| | | -10 | -11 | 6.18 | 2.30 | 6.04 | 2.35 | 5.89 | 2.40 | 5.74 | 2.44 | 5.59 | 2.49 |
| | | -5 | -7 | 7.00 | 2.38 | 6.84 | 2.43 | 6.67 | 2.48 | 6.50 | 2.53 | 6.34 | 2.58 |
| | | 0 | -2 | 8.02 | 2.57 | 7.83 | 2.63 | 7.64 | 2.68 | 7.45 | 2.73 | 7.25 | 2.79 |
| | | 5 | 3 | 9.08 | 2.57 | 8.86 | 2.63 | 8.65 | 2.68 | 8.43 | 2.73 | 8.22 | 2.79 |
| | | 7 | 6 | 9.66 | 2.57 | 9.43 | 2.63 | 9.20 | 2.68 | 8.97 | 2.73 | 8.74 | 2.79 |
| | | 10 | 8 | 10.05 | 2.57 | 9.81 | 2.63 | 9.57 | 2.68 | 9.33 | 2.73 | 9.09 | 2.79 |
| | | 15 | 10 | 10.53 | 2.50 | 10.28 | 2.55 | 10.03 | 2.60 | 9.78 | 2.65 | 9.53 | 2.70 |
| | | 20 | 15 | 9.66 | 1.90 | 9.43 | 1.94 | 9.20 | 1.98 | 8.97 | 2.02 | 8.74 | 2.06 |

* : When "AS*G18L" is connected , 9000Btu model shall be chosen at least one "Compact wall mounted type" or more.

TC : Total Capacity (kW)
IP : Input Power (kW)

## ● Indoor unit : 9000Btu + 12000Btu + 12000Btu

| | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | Outdoor temperature | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+12+12 | | -15 | -16 | 5.31 | 2.29 | 5.19 | 2.33 | 5.06 | 2.38 | 4.93 | 2.43 | 4.81 | 2.48 |
| | | -10 | -11 | 6.18 | 2.40 | 6.04 | 2.45 | 5.89 | 2.50 | 5.74 | 2.55 | 5.59 | 2.60 |
| | | -5 | -7 | 7.00 | 2.49 | 6.84 | 2.54 | 6.67 | 2.60 | 6.50 | 2.65 | 6.34 | 2.70 |
| | | 0 | -2 | 8.02 | 2.69 | 7.83 | 2.74 | 7.64 | 2.80 | 7.45 | 2.87 | 7.25 | 2.87 |
| | | 5 | 3 | 9.08 | 2.69 | 8.86 | 2.74 | 8.65 | 2.80 | 8.43 | 2.87 | 8.22 | 2.87 |
| | | 7 | 6 | 9.66 | 2.69 | 9.43 | 2.74 | 9.20 | 2.80 | 8.97 | 2.87 | 8.74 | 2.87 |
| | | 10 | 8 | 10.05 | 2.69 | 9.81 | 2.74 | 9.57 | 2.80 | 9.33 | 2.87 | 9.09 | 2.87 |
| | | 15 | 10 | 10.53 | 2.61 | 10.28 | 2.66 | 10.03 | 2.72 | 9.78 | 2.77 | 9.53 | 2.87 |
| | | 20 | 15 | 9.66 | 1.99 | 9.43 | 2.03 | 9.20 | 2.07 | 8.97 | 2.11 | 8.74 | 2.15 |

## ● Indoor unit : 9000Btu + 12000Btu + 14000Btu

| | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | Outdoor temperature | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+12+14 | | -15 | -16 | 5.31 | 2.20 | 5.19 | 2.24 | 5.06 | 2.29 | 4.93 | 2.33 | 4.81 | 2.38 |
| | | -10 | -11 | 6.18 | 2.31 | 6.04 | 2.36 | 5.89 | 2.41 | 5.74 | 2.45 | 5.59 | 2.50 |
| | | -5 | -7 | 7.00 | 2.39 | 6.84 | 2.44 | 6.67 | 2.49 | 6.50 | 2.54 | 6.34 | 2.59 |
| | | 0 | -2 | 8.02 | 2.58 | 7.83 | 2.64 | 7.64 | 2.69 | 7.45 | 2.74 | 7.25 | 2.80 |
| | | 5 | 3 | 9.08 | 2.58 | 8.86 | 2.64 | 8.65 | 2.69 | 8.43 | 2.74 | 8.22 | 2.80 |
| | | 7 | 6 | 9.66 | 2.58 | 9.43 | 2.64 | 9.20 | 2.69 | 8.97 | 2.74 | 8.74 | 2.80 |
| | | 10 | 8 | 10.05 | 2.58 | 9.81 | 2.64 | 9.57 | 2.69 | 9.33 | 2.74 | 9.09 | 2.80 |
| | | 15 | 10 | 10.53 | 2.50 | 10.28 | 2.56 | 10.03 | 2.61 | 9.78 | 2.66 | 9.53 | 2.71 |
| | | 20 | 15 | 9.66 | 1.91 | 9.43 | 1.95 | 9.20 | 1.99 | 8.97 | 2.03 | 8.74 | 2.07 |

## ● Indoor unit : 12000Btu + 12000Btu + 12000Btu

| | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | Outdoor temperature | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 12+12+12 | | -15 | -16 | 5.31 | 2.27 | 5.19 | 2.32 | 5.06 | 2.36 | 4.93 | 2.41 | 4.81 | 2.46 |
| | | -10 | -11 | 6.18 | 2.39 | 6.04 | 2.44 | 5.89 | 2.49 | 5.74 | 2.54 | 5.59 | 2.59 |
| | | -5 | -7 | 7.00 | 2.47 | 6.84 | 2.53 | 6.67 | 2.58 | 6.50 | 2.63 | 6.34 | 2.68 |
| | | 0 | -2 | 8.02 | 2.67 | 7.83 | 2.72 | 7.64 | 2.78 | 7.45 | 2.87 | 7.25 | 2.87 |
| | | 5 | 3 | 9.08 | 2.67 | 8.86 | 2.72 | 8.65 | 2.78 | 8.43 | 2.87 | 8.22 | 2.87 |
| | | 7 | 6 | 9.66 | 2.67 | 9.43 | 2.72 | 9.20 | 2.78 | 8.97 | 2.87 | 8.74 | 2.87 |
| | | 10 | 8 | 10.05 | 2.67 | 9.81 | 2.72 | 9.57 | 2.78 | 9.33 | 2.87 | 9.09 | 2.87 |
| | | 15 | 10 | 10.53 | 2.59 | 10.28 | 2.64 | 10.03 | 2.70 | 9.78 | 2.75 | 9.53 | 2.87 |
| | | 20 | 15 | 9.66 | 1.97 | 9.43 | 2.02 | 9.20 | 2.06 | 8.97 | 2.10 | 8.74 | 2.14 |

TC : Total Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO∗G18-24L3

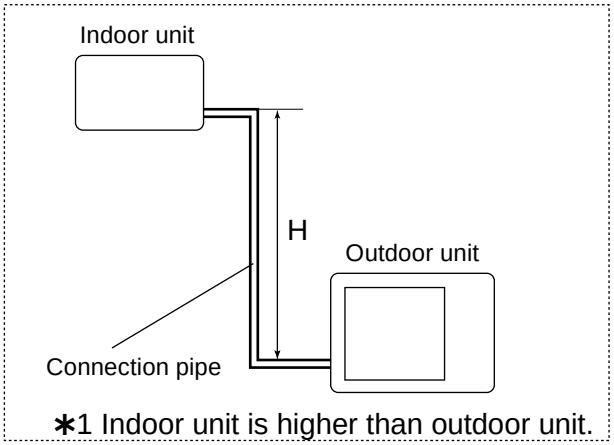
# 6. CAPACITY COMPENSATION RATE FOR PIPE LENGTH AND HEIGHT DEFFERENCE

## ■ INDOOR UNIT : 7000Btu (AO∗G18L3, AO∗G24L3)

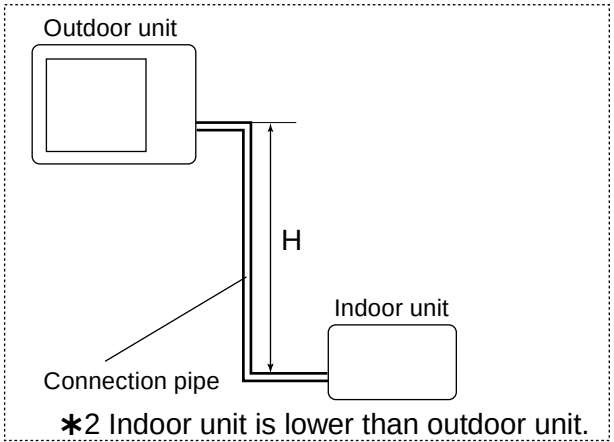
| COOLING | | | Pipe length (m) | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 5 | 7.5 | 10 | 15 | 20 | 25 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.956 | 0.942 | 0.928 |
| | | 10 | - | - | 0.977 | 0.963 | 0.950 | 0.936 |
| | | 7.5 | - | 0.988 | 0.981 | 0.967 | 0.953 | 0.940 |
| | | 5 | 0.992 | 0.992 | 0.985 | 0.971 | 0.957 | 0.943 |
| | | 0 | 1.000 | 1.000 | 0.993 | 0.979 | 0.965 | 0.951 |
| | ∗2 Indoor unit is lower than outdoor unit | -5 | 1.000 | 1.000 | 0.993 | 0.979 | 0.965 | 0.951 |
| | | -7.5 | - | 1.000 | 0.993 | 0.979 | 0.965 | 0.951 |
| | | -10 | - | - | 0.993 | 0.979 | 0.965 | 0.951 |
| | | -15 | - | - | - | 0.979 | 0.965 | 0.951 |

| HEATING | | | Pipe length (m) | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 5 | 7.5 | 10 | 15 | 20 | 25 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.977 | 0.958 | 0.939 |
| | | 10 | - | - | 0.993 | 0.977 | 0.958 | 0.939 |
| | | 7.5 | - | 1.000 | 0.993 | 0.977 | 0.958 | 0.939 |
| | | 5 | 1.000 | 1.000 | 0.993 | 0.977 | 0.958 | 0.939 |
| | | 0 | 1.000 | 1.000 | 0.993 | 0.977 | 0.958 | 0.939 |
| | ∗2 Indoor unit is lower than outdoor unit | -5 | 0.995 | 0.995 | 0.988 | 0.972 | 0.953 | 0.934 |
| | | -7.5 | - | 0.993 | 0.986 | 0.970 | 0.951 | 0.932 |
| | | -10 | - | - | 0.983 | 0.967 | 0.948 | 0.930 |
| | | -15 | - | - | - | 0.962 | 0.944 | 0.925 |

Height difference H




∗1 Indoor unit is higher than outdoor unit.




∗2 Indoor unit is lower than outdoor unit.

OUTDOOR UNIT
AO∗G18-24L3

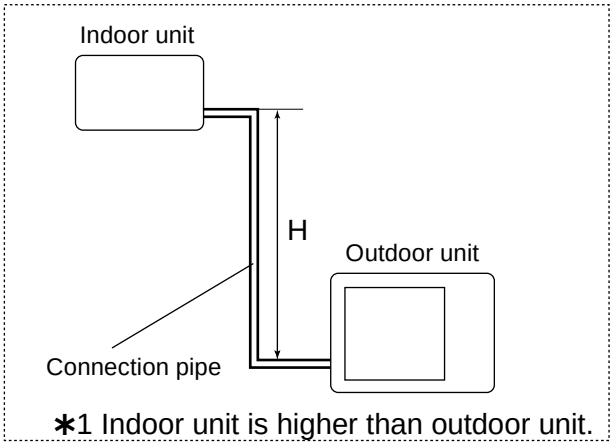
OUTDOOR UNIT
AO∗G18-24L3

# ■ INDOOR UNIT : 9000Btu (AO∗G18L3, AO∗G24L3)

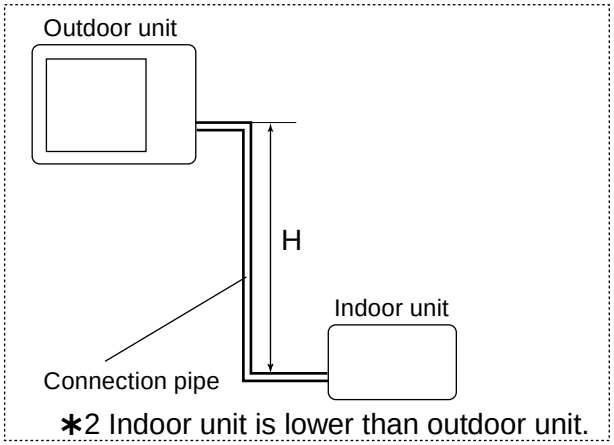
| COOLING | | | Pipe length (m) | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 5 | 7.5 | 10 | 15 | 20 | 25 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.956 | 0.942 | 0.928 |
| | | 10 | - | - | 0.977 | 0.963 | 0.950 | 0.936 |
| | | 7.5 | - | 0.988 | 0.981 | 0.967 | 0.953 | 0.940 |
| | | 5 | 0.992 | 0.992 | 0.985 | 0.971 | 0.957 | 0.943 |
| | | 0 | 1.000 | 1.000 | 0.993 | 0.979 | 0.965 | 0.951 |
| | ∗2 Indoor unit is lower than outdoor unit | -5 | 1.000 | 1.000 | 0.993 | 0.979 | 0.965 | 0.951 |
| | | -7.5 | - | 1.000 | 0.993 | 0.979 | 0.965 | 0.951 |
| | | -10 | - | - | 0.993 | 0.979 | 0.965 | 0.951 |
| | | -15 | - | - | - | 0.979 | 0.965 | 0.951 |

| HEATING | | | Pipe length (m) | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 5 | 7.5 | 10 | 15 | 20 | 25 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.977 | 0.958 | 0.939 |
| | | 10 | - | - | 0.993 | 0.977 | 0.958 | 0.939 |
| | | 7.5 | - | 1.000 | 0.993 | 0.977 | 0.958 | 0.939 |
| | | 5 | 1.000 | 1.000 | 0.993 | 0.977 | 0.958 | 0.939 |
| | | 0 | 1.000 | 1.000 | 0.993 | 0.977 | 0.958 | 0.939 |
| | ∗2 Indoor unit is lower than outdoor unit | -5 | 0.995 | 0.995 | 0.988 | 0.972 | 0.953 | 0.934 |
| | | -7.5 | - | 0.993 | 0.986 | 0.970 | 0.951 | 0.932 |
| | | -10 | - | - | 0.983 | 0.967 | 0.948 | 0.930 |
| | | -15 | - | - | - | 0.962 | 0.944 | 0.925 |

Height difference H




∗1 Indoor unit is higher than outdoor unit.




∗2 Indoor unit is lower than outdoor unit.

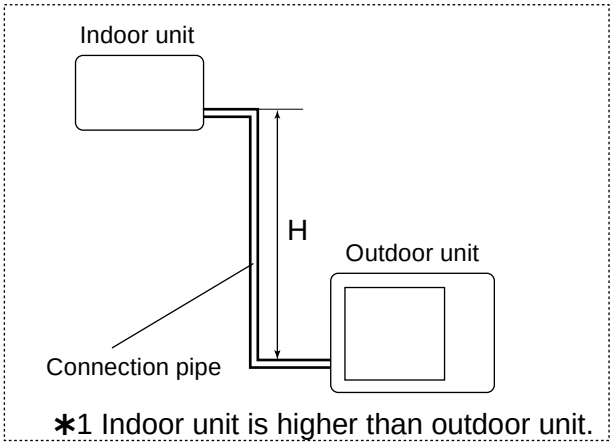
OUTDOOR UNIT
AO∗G18-24L3

# ■ INDOOR UNIT : 12000Btu (AO∗G18L3, AO∗G24L3)

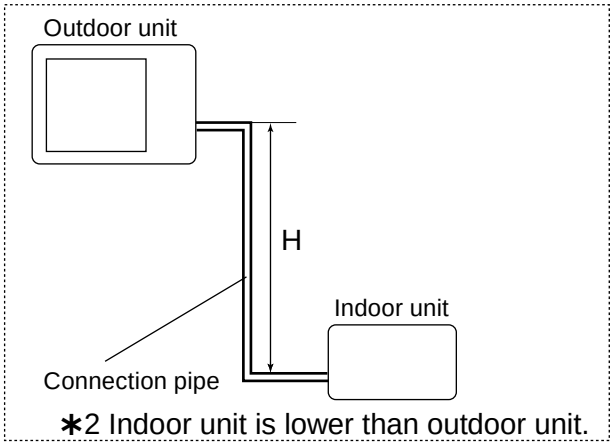
| COOLING | | | Pipe length (m) | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 5 | 7.5 | 10 | 15 | 20 | 25 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.933 | 0.899 | 0.859 |
| | | 10 | - | - | 0.970 | 0.940 | 0.906 | 0.866 |
| | | 7.5 | - | 0.988 | 0.974 | 0.944 | 0.910 | 0.869 |
| | | 5 | 0.992 | 0.992 | 0.978 | 0.948 | 0.913 | 0.873 |
| | | 0 | 1.000 | 1.000 | 0.986 | 0.956 | 0.921 | 0.880 |
| | ∗2 Indoor unit is lower than outdoor unit | -5 | 1.000 | 1.000 | 0.986 | 0.956 | 0.921 | 0.880 |
| | | -7.5 | - | 1.000 | 0.986 | 0.956 | 0.921 | 0.880 |
| | | -10 | - | - | 0.986 | 0.956 | 0.921 | 0.880 |
| | | -15 | - | - | - | 0.956 | 0.921 | 0.880 |

| HEATING | | | Pipe length (m) | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 5 | 7.5 | 10 | 15 | 20 | 25 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.975 | 0.957 | 0.940 |
| | | 10 | - | - | 0.990 | 0.975 | 0.957 | 0.940 |
| | | 7.5 | - | 1.000 | 0.990 | 0.975 | 0.957 | 0.940 |
| | | 5 | 1.000 | 1.000 | 0.990 | 0.975 | 0.957 | 0.940 |
| | | 0 | 1.000 | 1.000 | 0.990 | 0.975 | 0.957 | 0.940 |
| | ∗2 Indoor unit is lower than outdoor unit | -5 | 0.995 | 0.995 | 0.985 | 0.970 | 0.952 | 0.936 |
| | | -7.5 | - | 0.993 | 0.983 | 0.968 | 0.950 | 0.934 |
| | | -10 | - | - | 0.980 | 0.965 | 0.947 | 0.931 |
| | | -15 | - | - | - | 0.960 | 0.943 | 0.926 |

Height difference H




∗1 Indoor unit is higher than outdoor unit.



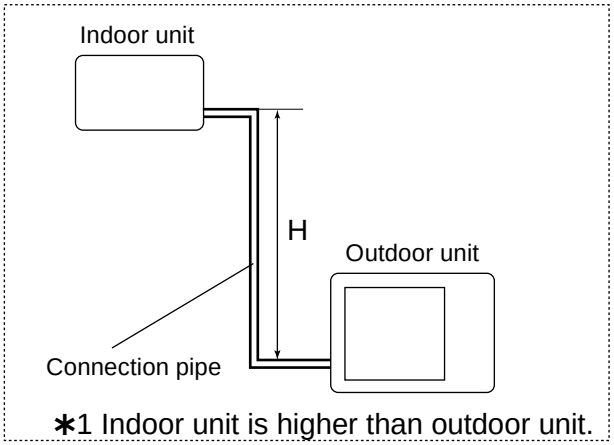

∗2 Indoor unit is lower than outdoor unit.

# ■ INDOOR UNIT : 14000Btu (AO∗G18L3, AO∗G24L3)

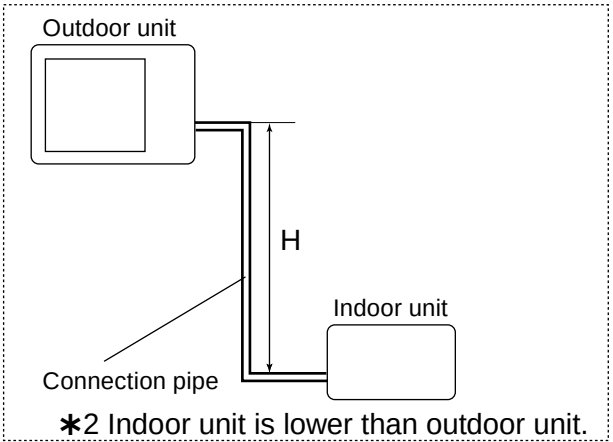
| COOLING | | | Pipe length (m) | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 5 | 7.5 | 10 | 15 | 20 | 25 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.969 | 0.962 | 0.953 |
| | | 10 | - | - | 0.982 | 0.977 | 0.970 | 0.961 |
| | | 7.5 | - | 0.988 | 0.986 | 0.981 | 0.973 | 0.965 |
| | | 5 | 0.992 | 0.992 | 0.990 | 0.985 | 0.977 | 0.968 |
| | | 0 | 1.000 | 1.000 | 0.998 | 0.993 | 0.985 | 0.976 |
| | ∗2 Indoor unit is lower than outdoor unit | -5 | 1.000 | 1.000 | 0.998 | 0.993 | 0.985 | 0.976 |
| | | -7.5 | - | 1.000 | 0.998 | 0.993 | 0.985 | 0.976 |
| | | -10 | - | - | 0.998 | 0.993 | 0.985 | 0.976 |
| | | -15 | - | - | - | 0.993 | 0.985 | 0.976 |

| HEATING | | | Pipe length (m) | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 5 | 7.5 | 10 | 15 | 20 | 25 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.967 | 0.943 | 0.917 |
| | | 10 | - | - | 0.990 | 0.967 | 0.943 | 0.917 |
| | | 7.5 | - | 1.000 | 0.990 | 0.967 | 0.943 | 0.917 |
| | | 5 | 1.000 | 1.000 | 0.990 | 0.967 | 0.943 | 0.917 |
| | | 0 | 1.000 | 1.000 | 0.990 | 0.967 | 0.943 | 0.917 |
| | ∗2 Indoor unit is lower than outdoor unit | -5 | 0.995 | 0.995 | 0.985 | 0.962 | 0.938 | 0.912 |
| | | -7.5 | - | 0.993 | 0.983 | 0.960 | 0.936 | 0.911 |
| | | -10 | - | - | 0.980 | 0.957 | 0.934 | 0.908 |
| | | -15 | - | - | - | 0.952 | 0.929 | 0.903 |

Height difference H




∗1 Indoor unit is higher than outdoor unit.




∗2 Indoor unit is lower than outdoor unit.

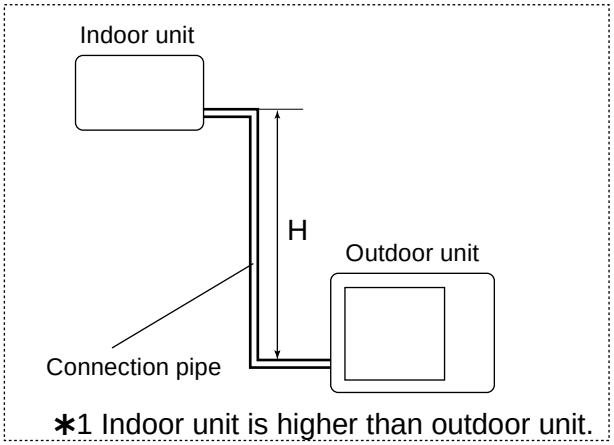
OUTDOOR UNIT
AO∗G18-24L3

# ■ INDOOR UNIT : 18000Btu (AO∗G24L3)

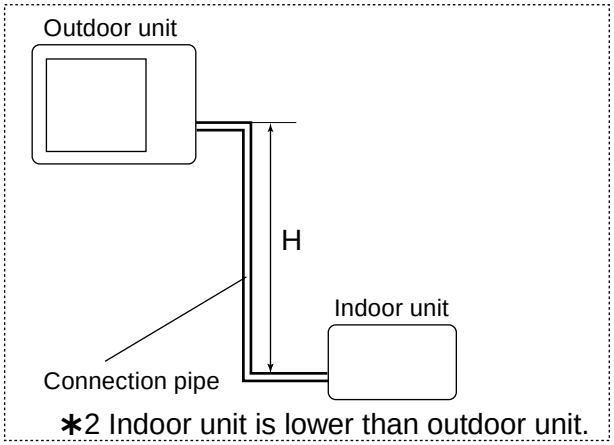
| COOLING | | | Pipe length (m) | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 5 | 7.5 | 10 | 15 | 20 | 25 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.977 | 0.968 | 0.953 |
| | | 10 | - | - | 0.986 | 0.985 | 0.976 | 0.960 |
| | | 7.5 | - | 0.988 | 0.990 | 0.989 | 0.980 | 0.964 |
| | | 5 | 0.992 | 0.992 | 0.994 | 0.993 | 0.984 | 0.968 |
| | | 0 | 1.000 | 1.000 | 1.002 | 1.002 | 0.992 | 0.976 |
| | ∗2 Indoor unit is lower than outdoor unit | -5 | 1.000 | 1.000 | 1.002 | 1.002 | 0.992 | 0.976 |
| | | -7.5 | - | 1.000 | 1.002 | 1.002 | 0.992 | 0.976 |
| | | -10 | - | - | 1.002 | 1.002 | 0.992 | 0.976 |
| | | -15 | - | - | - | 1.002 | 0.992 | 0.976 |

| HEATING | | | Pipe length (m) | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 5 | 7.5 | 10 | 15 | 20 | 25 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.964 | 0.939 | 0.913 |
| | | 10 | - | - | 0.988 | 0.964 | 0.939 | 0.913 |
| | | 7.5 | - | 1.000 | 0.988 | 0.964 | 0.939 | 0.913 |
| | | 5 | 1.000 | 1.000 | 0.988 | 0.964 | 0.939 | 0.913 |
| | | 0 | 1.000 | 1.000 | 0.988 | 0.964 | 0.939 | 0.913 |
| | ∗2 Indoor unit is lower than outdoor unit | -5 | 0.995 | 0.995 | 0.983 | 0.959 | 0.934 | 0.908 |
| | | -7.5 | - | 0.993 | 0.981 | 0.957 | 0.932 | 0.907 |
| | | -10 | - | - | 0.978 | 0.954 | 0.930 | 0.904 |
| | | -15 | - | - | - | 0.950 | 0.925 | 0.899 |

Height difference H




∗1 Indoor unit is higher than outdoor unit.




∗2 Indoor unit is lower than outdoor unit.

# 7. ADDITIONAL CHARGE CALCULATION

## ■ MODEL: AO∗G18L3, AO∗G24L3

| | | |
|---|---|---|
| Refrigerant type | | R410A |
| Refrigerant amount | g | 2200 |

### ● Refrigerant charge

| | | | | | |
|---|---|---|---|---|---|
| Total pipe length | m | 30 or less | 40 | 50 (MAX.) | 20g/m |
| Additional charge | g | 0 | 200 | 400 | |



OUTDOOR UNIT
AO∗G18-24L3

# 8. AIR FLOW

## ■ MODEL: AO∗G18L3

### ● Cooling

| Number of rotations (r.p.m.) | Air flow | |
|---|---|---|
| 730 | $m^3/h$ | 3050 |
| | l/s | 847 |
| | CFM | 1795 |

### ● Heating

| Number of rotations (r.p.m.) | Air flow | |
|---|---|---|
| 660 | $m^3/h$ | 2750 |
| | l/s | 764 |
| | CFM | 1618 |

## ■ MODEL: AO∗G24L3

### ● Cooling

| Number of rotations (r.p.m.) | Air flow | |
|---|---|---|
| 780 | $m^3/h$ | 3300 |
| | l/s | 917 |
| | CFM | 1942 |

### ● Heating

| Number of rotations (r.p.m.) | Air flow | |
|---|---|---|
| 780 | $m^3/h$ | 3300 |
| | l/s | 917 |
| | CFM | 1942 |



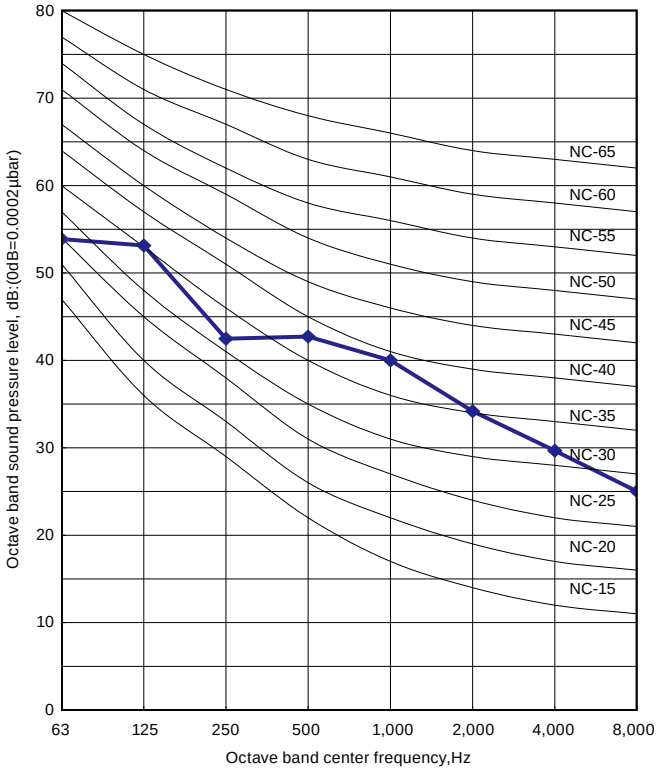
OUTDOOR UNIT
AO∗G18-24L3

# 9. OPERATION NOISE (SOUND PRESSURE)

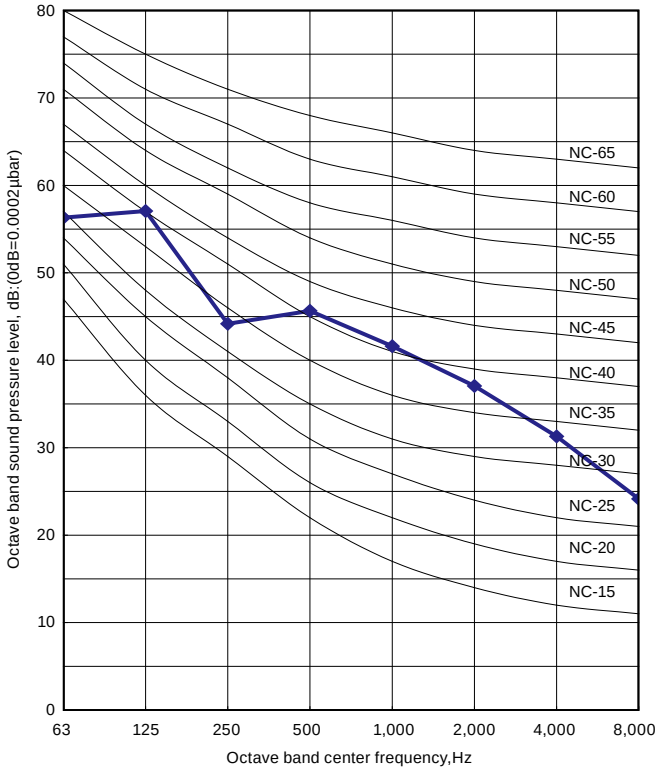
## 9-1. NOISE LEVEL CURVE

### ■ MODEL: AO∗G18L3

#### ● Cooling

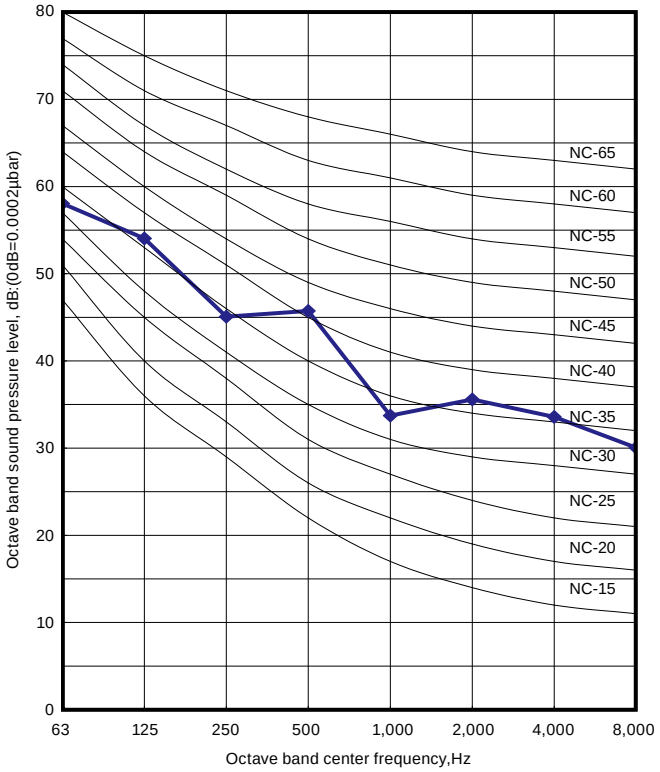



#### ● Heating

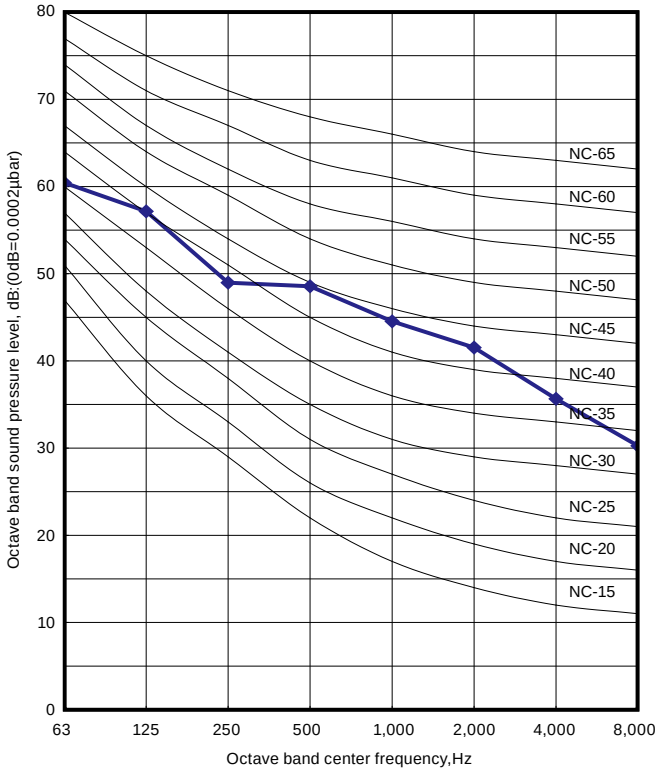



### ■ MODEL: AO∗G24L3

#### ● Cooling

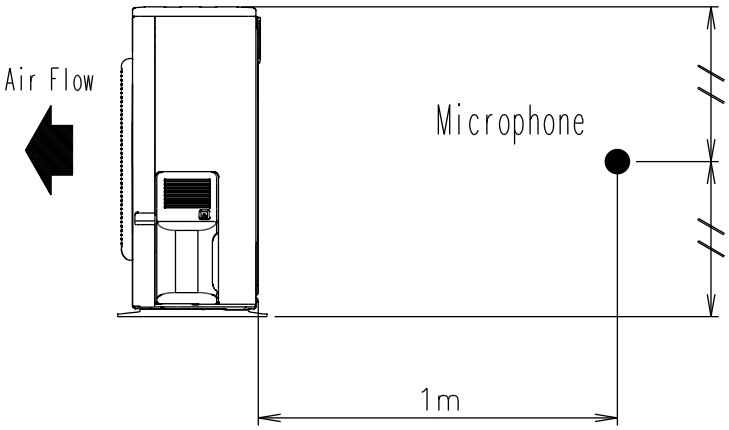


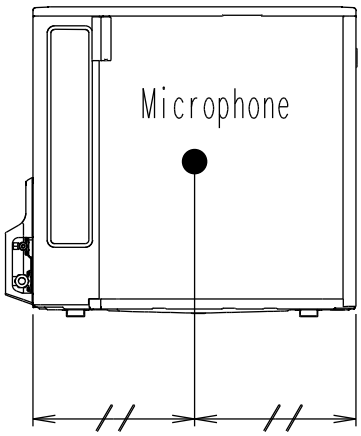

#### ● Heating




OUTDOOR UNIT
AO∗G18-24L3

# 9-2. SOUND LEVEL CHECK POINT




OUTDOOR UNIT
AO*G18-24L3

# 10. ELECTRIC CHARACTERISTICS

| Model name | | | AO∗G18L3 | AO∗G24L3 |
|---|---|---|---|---|
| Power supply | Voltage | V | 230 ~ | |
| | Frequency | Hz | 50 | |
| Max. operating current | | A | 9.0 | 12.5 |
| Starting current | | A | 7.1 | 8.8 |
| *1) Wiring spec. | Main fuse (Circuit breaker) current | A | 25 | |
| | Power cable | $mm^2$ | 4.0 | |
| | *2) Limited wiring length | m | 15 | |

*1) Wiring spec. :
Selected sample
(Selected based on Japan Electrotechnical Standard and Codes Committee E0005)

*2) Limited wiring length :
This is the wiring length in case voltage descent is less than 2%.
When the wiring length becomes long, please select the wiring of a more larger diameter.



OUTDOOR UNIT
AO∗G18-24L3

# 11. SAFETY DEVICES

| | Protection form | Model | |
|---|---|---|---|
| | | AO∗G18L3 | AO∗G24L3 |
| Circuit protection | Current fuse (MAIN PCB) | 5A 250V | |
| | | 3.15A 250V | |
| | Current fuse (NEAR THE TERMINAL TO POWER SUPPLY) | 25A 250V | |
| | Current fuse (NEAR THE TERMINAL TO INDOOR UNIT) | 10A 250V | |
| Fan motor protection | Thermal protector | OFF :130±20°C<br>ON : 100±20°C | |
| Compressor protection | Thermal protector | OFF : 110°C<br>ON : 80°C | |
| High pressure protection | Pressure switch (1) | OFF :4.2±0.10MPa<br>ON : 3.2±0.15MPa | |

∗Pressure switch (2) : For control device



OUTDOOR UNIT
AO∗G18-24L3

# 12. INSTALLATION PRECAUTIONS

## 12-1. OUTDOOR UNIT INSTALLATION PRECAUTIONS

Note: The information listed below are general precautions.
Some models also include items that do not apply.

### ■ PLACES WHERE USE PROHIBITED

- Places where there is the danger of combustible gas leakage
- Places where sulfur gas, chlorine gas, acid, alkali, or other matter which effects equipment is generated
- Places not affected by heat radiation from other heat sources
- Places where the air is not stagnant
- Places where machinery which generates high frequencies is used
- Ocean beaches and other areas where there is a lot of salt
- Installation in vehicles, ships, and other conveyances
- Factory, etc. where voltage fluctuations are large

### ■ POINTS TO REMEMBER WHEN INSTALLING

(1) The set shall be installed at a place which can withstand the weight and vibration of the outdoor unit

(2) To allow maintenance after refrigerant piping, drain piping, and electric wiring connection and installation, provide an installation service space.

*Installation service space is shown on " INSTALLATION PLACE ".

(3) Be careful when installing the set at the following places.

**[Installation precautions]**

| | Contents | Countermeasures (Reference) |
|---|---|---|
| When installed near adjacent houses | Perform installation work so that operating sound does not disturb the neighbors. | (1) Install a soundproof barrier<br>(2) Change the installation site |
| When there is the possibility of strong wind | (1) If the outdoor unit is exposed to strong wind, capacity may drop, frost may form during heating, and operation may be stopped by high pressure rise. In addition, when a very strong wind blows, the fan may be damaged.<br>(2) When a very strong wind blows, there is the possibility of the outdoor unit being toppled over if held only by foundation bolts | (1) Install with the outlet side Keep a sufficient distance away from a facing wall or fence.<br>(2) Make the outlet direction and wind direction perpendicular.<br>(3) Fasten the outdoor unit using toppling prevention hardware (procured at the site). |
| When snow accumulates | If the outdoor unit is covered by accumulated snow, it may not be able to operate. | (1) Make the foundation as high as possible.<br>(2) Perform snow prevention work. |
| When installing the inverter type | It may generate noise in TV sets, stereos and PCs. | (1) The inverter type should be installed at a sufficient distance from these equipments. |

OUTDOOR UNIT
AO∗G18-24L3

# 4. OUTDOOR UNIT (4 ROOMS TYPE)

## MULTI TYPE :

## AO∗G30LAT4

DTR_AO078E_06
2013.03.06

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## 4. OUTDOOR UNIT (4 ROOMS TYPE)


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OUTDOOR UNIT AO∗G30L4

# 1. SPECIFICATIONS

The following performance is a value at standard combinations.

## ■ STANDARD COMBINATION
## AO∗G30LAT4 : AS∗G09LJCA + AS∗G09LJCA + AS∗G09LJCA + AS∗G09LJCA

| | | | | | |
|---|---|---|---|---|---|
| Type | | | | | INVERTER MULTI MODELS |
| | | | | | HEAT PUMP TYPE |
| Model name | | | | | AO∗G30LAT4 |
| Power source | | | | | 230V ~ 50Hz |
| Available voltage range | | | | | 198-264V ~ 50Hz |
| Capacity | | Cooling | Rated | kW | 8.0 |
| | | | | Btu/h | 27300 |
| | | | Min. - Max. | kW | 3.5 - 10.1 |
| | | | | Btu/h | 11940 - 34500 |
| | | Heating | Rated | kW | 9.6 |
| | | | | Btu/h | 32800 |
| | | | Min. - Max. | kW | 3.7 - 12.0 |
| | | | | Btu/h | 12620 - 41000 |
| Input power | | Cooling | Rated | kW | 2.22 |
| | | | Max. | | 3.56 |
| | | Heating | Rated | | 2.40 |
| | | | Max. | | 3.58 |
| Current | | Cooling | Rated | A | 9.7 |
| | | Heating | | | 10.5 |
| EER | | Cooling | Rated | kW/kW | 3.60 |
| COP | | Heating | | kW/kW | 4.00 |
| Starting current | | | | A | 10.5 |
| Maximum operating current | | | | A | 15.5 |
| Fan | Airflow rate | Cooling | | $m^3/h$ | 3500 |
| | | Heating | | | 3300 |
| | Type x Q'ty | | | | Propeller × 1 |
| | Motor output | | | W | 103 |
| Sound pressure level | | Cooling | | dB(A) | 50 |
| | | Heating | | | 51 |
| Heat exchanger type | | Dimension (H × W × D) | | mm | 798 × 900 × 36.38 |
| | | Fin pitch | | mm | 1.3 |
| | | Rows x Stages | | | 2 × 38 |
| | | Pipe type | | | Copper tube |
| | | Fin type | | | Aluminium |
| Compressor | | Type x Q'ty | | | DC TWIN ROTARY × 1 |
| | | Motor output | | W | 1300 |
| Refrigerant | | Type (Global Warming Potential) | | | R410A (1975) |
| | | Charge | | g | 3300 |
| Refrigerant oil | | Type | | | POE |
| Enclosure | | Material | | | Steel sheet |
| | | Colour | | | BEIGE (Approximate colour of MUNSELL 10YR7.5 / 1.0NN) |
| Dimensions (H ×W ×D) | | Net | | mm | 830 × 900 × 330 |
| | | Gross | | | 970 × 1050 × 445 |
| Weight | | Net | | kg | 68 |
| | | Gross | | | 75 |
| Connection pipe | | Size | Liquid | mm | Ø6.35 (Ø1/4 in.) × 4 |
| | | | Gas | | Ø9.52 (Ø3/8 in.) × 2, *1) Ø12.70 (Ø1/2 in.) × 2 |
| | | Method | | | Flare |
| | | Pre-charge length (Total) | | m | 50 |
| | | Max. length (Total) | | | 70 |
| | | Max. length (Each) | | | 25 |
| | | Min. length (Total) | | | 20 |
| | | Min. length (Each) | | | 5 |
| | | Max. height difference between Outdoor Unit and each Indoor Units. | | | 15 |
| | | Max. height difference between Indoor Units. | | | 10 |
| Operation range | | Cooling | | °C | 0 to 46 |
| | | Heating | | | -10 to 24 |

*1) Connect to connection valve by the adapter

Note :

Specifications are based on the following conditions.

Cooling : Indoor temperature of 27°CDB / 19°CWB.and outdoor temperature of 35°CDB / 24°CWB.

Heating : Indoor temperature of 20°CDB / 15°CWB.and outdoor temperature of 7°CDB / 6°CWB.

Pipe length : 5m, Height difference : 0m. (Outdoor unit - indoor unit)

The protective function might work when using it outside the operation range.



OUTDOOR UNIT
AO∗G30L4

| Model name | | | | AO＊G30LAT4 |
|---|---|---|---|---|
| Energy efficiency class | Cooling | | | A++ |
| | Heating (Average) | | | A+ |
| Pdesign | Cooling | | kW | 8.0 (35˚C) |
| | Heating (Average) | | | 6.2 (-10˚C) |
| SEER | Cooling | | kWh/kWh | 6.20 |
| SCOP | Heating (Average) | | | 4.00 |
| Annual energy consumption | QCE | | kWh/a | 451 |
| | QHE (Average) | | | 2169 |
| Sound power level | Cooling | High | dB (A) | 68 |
| | Heating | | | 70 |

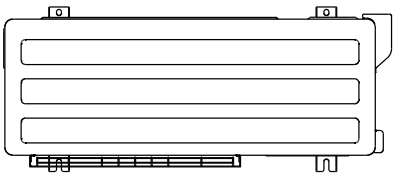


OUTDOOR UNIT
AO＊G30L4

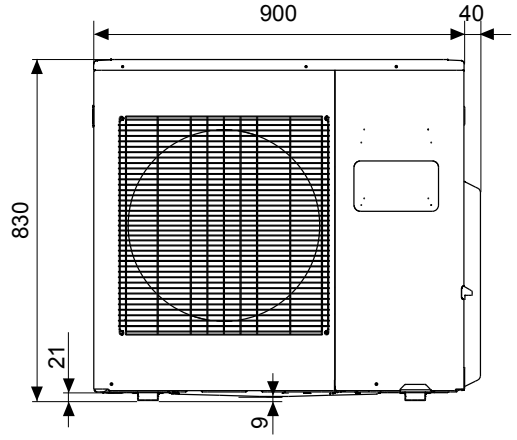
# 2. DIMENSIONS

## ■ MODEL: AO∗G30L4

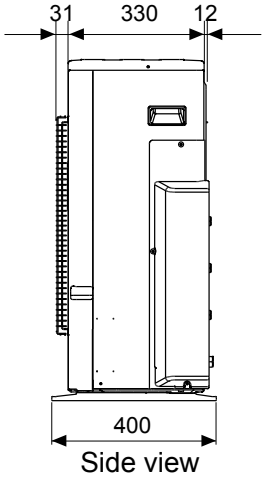
(Unit : mm)



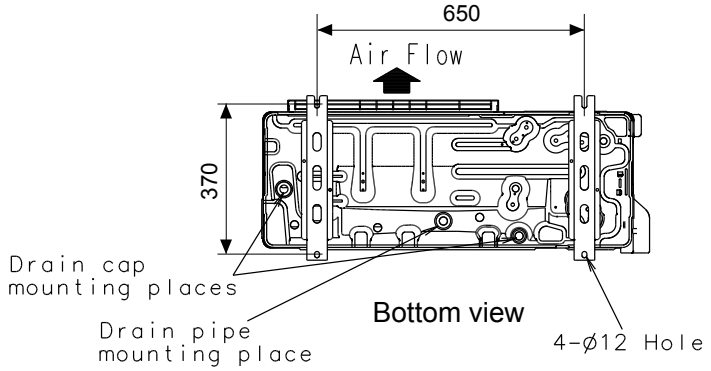
Top view



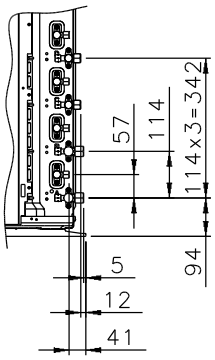

Front view




Side view

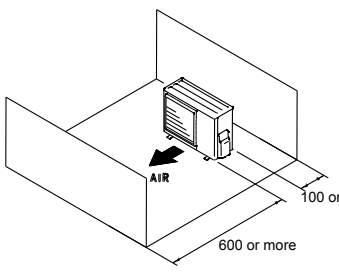



Bottom view

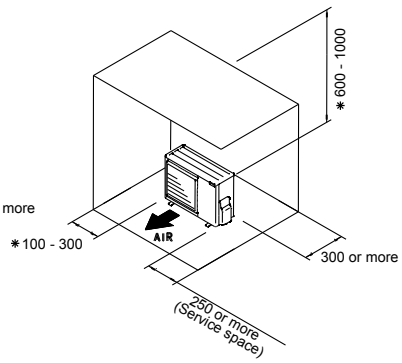



## ■ MOUNTING POSITION

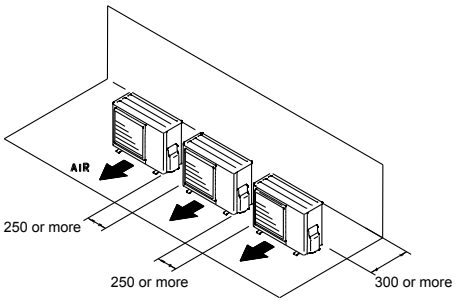
When there are obstacles at the back or front sides.




When there are obstacles at the back, side(s), and top.




When there are obstacles at the back, side with the installation of more than one unit.

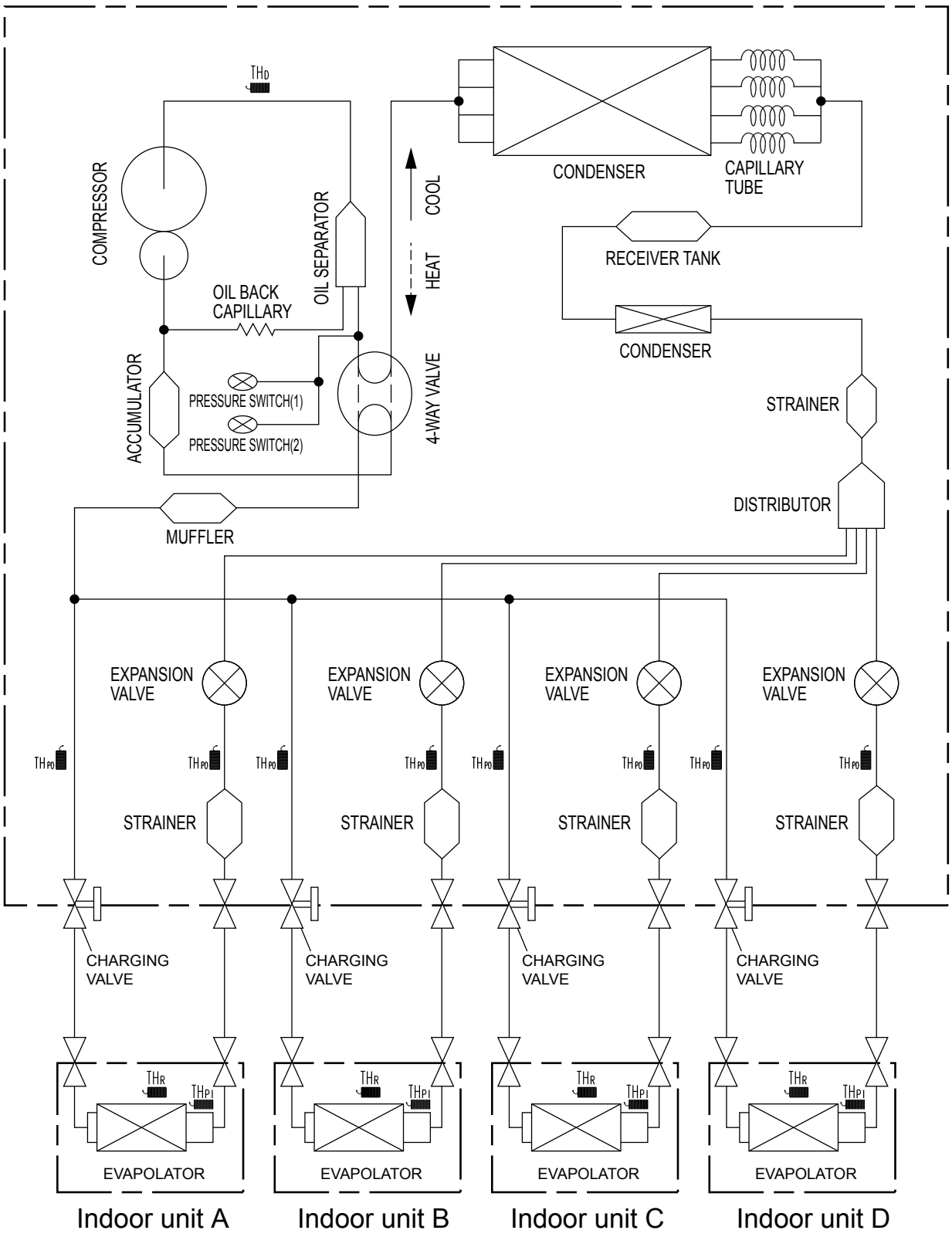



∗If the space is larger that is stated, the condition will be the same as that are no obstacles.

# 3. REFRIGERANT CIRCUIT

## ■ MODEL: AO∗G30L4

Outdoor unit



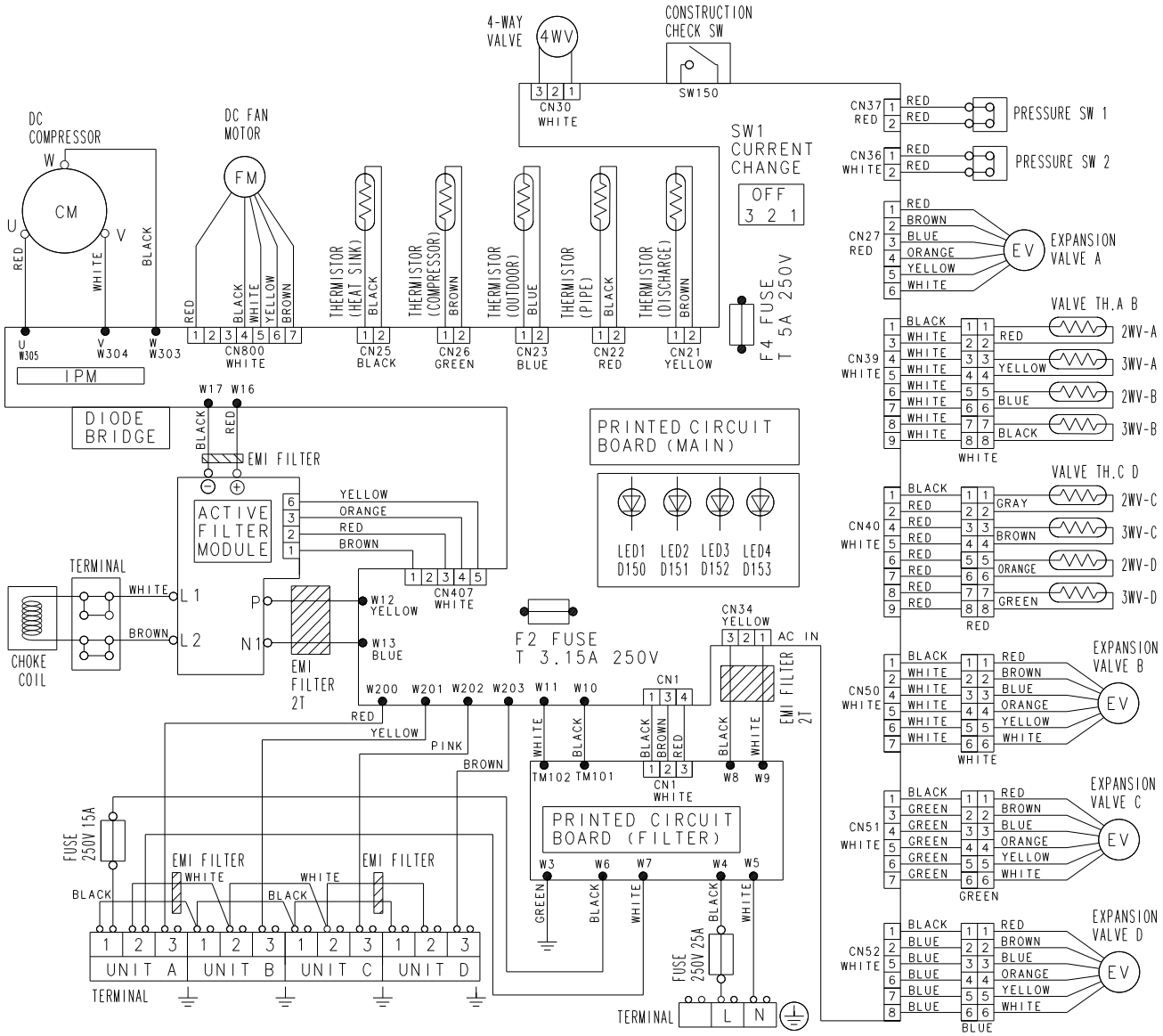

THR : THERMISTOR(ROOM TEMP.)
THPI : THERMISTOR(PIPE TEMP.)
THD : THERMISTOR(DISCHARGE TEMP.)
THPO : THERMISTOR(PIPE TEMP.)



OUTDOOR UNIT
AO∗G30L4

# 4. WIRING DIAGRAMS

## ■ MODEL: AO∗G30L4






OUTDOOR UNIT
AO∗G30L4

# 5. CAPACITY TABLE

## 5-1. COMBINATIONS

### ■ MODEL: AO∗G30L4

#### ● Cooling

| | Combination of indoor unit | | | | COOLING OPERATION | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Cooling Capacity | | | | | Input Power (min-max) | EER | Seasonal Data | | |
| | | | | | Room 1 | Room 2 | Room 3 | Room 4 | Total Capacity (min-max) | | | Pdesign | SEER | Energy Efficiency Class |
| | | | | | KW | KW | KW | KW | KW | KW | | kW | | |
| 3 Room | 7 | 7 | 14 | - | 1.96 | 1.96 | 3.27 | - | 7.20 ( 1.6 - 8.9 ) | 2.22 ( 0.68 - 3.43 ) | 3.24 | 7.2 | 5.9 | A+ |
| | 7 | 7 | 18 | - | 1.81 | 1.81 | 4.08 | - | 7.70 ( 2.8 - 10.0 ) | 2.22 ( 0.98 - 3.55 ) | 3.47 | 7.7 | 5.8 | A+ |
| | 7 | 7 | 24 | - | 1.61 | 1.61 | 4.57 | - | 7.80 ( 2.8 - 10.1 ) | 2.19 ( 0.98 - 3.53 ) | 3.56 | 7.8 | 5.8 | A+ |
| | 7 | 9 | 12 | - | 2.08 | 2.34 | 2.78 | - | 7.20 ( 1.6 - 8.9 ) | 2.22 ( 0.68 - 3.41 ) | 3.24 | 7.2 | 5.9 | A+ |
| | 7 | 9 | 14 | - | 1.90 | 2.14 | 3.16 | - | 7.20 ( 2.8 - 9.1 ) | 2.22 ( 0.98 - 3.56 ) | 3.24 | 7.2 | 5.9 | A+ |
| | 7 | 9 | 18 | - | 1.76 | 1.98 | 3.96 | - | 7.70 ( 2.8 - 9.9 ) | 2.22 ( 0.98 - 3.56 ) | 3.47 | 7.7 | 5.8 | A+ |
| | 7 | 9 | 24 | - | 1.57 | 1.77 | 4.46 | - | 7.80 ( 2.8 - 10.1 ) | 2.19 ( 0.98 - 3.53 ) | 3.56 | 7.8 | 5.8 | A+ |
| | 7 | 12 | 12 | - | 1.96 | 2.62 | 2.62 | - | 7.20 ( 1.6 - 9.1 ) | 2.22 ( 0.68 - 3.54 ) | 3.24 | 7.2 | 5.9 | A+ |
| | 7 | 12 | 14 | - | 1.83 | 2.43 | 3.04 | - | 7.30 ( 2.8 - 9.2 ) | 2.22 ( 0.98 - 3.56 ) | 3.29 | 7.3 | 5.9 | A+ |
| | 7 | 12 | 18 | - | 1.68 | 2.24 | 3.78 | - | 7.70 ( 2.8 - 9.9 ) | 2.22 ( 0.98 - 3.56 ) | 3.47 | 7.7 | 5.8 | A+ |
| | 7 | 12 | 24 | - | 1.51 | 2.01 | 4.28 | - | 7.80 ( 2.8 - 10.1 ) | 2.19 ( 0.98 - 3.56 ) | 3.56 | 7.8 | 5.8 | A+ |
| | 7 | 14 | 14 | - | 1.68 | 2.81 | 2.81 | - | 7.30 ( 2.8 - 9.3 ) | 2.22 ( 0.98 - 3.58 ) | 3.29 | 7.3 | 5.9 | A+ |
| | 7 | 14 | 18 | - | 1.57 | 2.61 | 3.52 | - | 7.70 ( 3.5 - 10.0 ) | 2.22 ( 1.17 - 3.58 ) | 3.47 | 7.7 | 5.8 | A+ |
| | 7 | 14 | 24 | - | 1.44 | 2.39 | 4.07 | - | 7.90 ( 3.5 - 10.1 ) | 2.20 ( 1.17 - 3.58 ) | 3.59 | 7.9 | 5.8 | A+ |
| | 7 | 18 | 18 | - | 1.42 | 3.19 | 3.19 | - | 7.80 ( 3.5 - 10.1 ) | 2.22 ( 1.17 - 3.58 ) | 3.51 | 7.8 | 5.7 | A+ |
| | 7 | 18 | 24 | - | 1.30 | 2.92 | 3.68 | - | 7.90 ( 4.7 - 10.1 ) | 2.22 ( 1.27 - 3.58 ) | 3.56 | 7.9 | 5.7 | A+ |
| | 9 | 9 | 9 | - | 2.40 | 2.40 | 2.40 | - | 7.20 ( 2.8 - 8.9 ) | 2.22 ( 0.98 - 3.42 ) | 3.24 | 7.2 | 5.9 | A+ |
| | 9 | 9 | 12 | - | 2.26 | 2.26 | 2.68 | - | 7.20 ( 2.8 - 9.1 ) | 2.22 ( 0.98 - 3.54 ) | 3.24 | 7.2 | 5.9 | A+ |
| | 9 | 9 | 14 | - | 2.10 | 2.10 | 3.11 | - | 7.30 ( 2.8 - 9.2 ) | 2.22 ( 0.98 - 3.57 ) | 3.29 | 7.3 | 5.9 | A+ |
| | 9 | 9 | 18 | - | 1.93 | 1.93 | 3.85 | - | 7.70 ( 2.8 - 9.9 ) | 2.22 ( 0.98 - 3.56 ) | 3.47 | 7.7 | 5.8 | A+ |
| | 9 | 9 | 24 | - | 1.73 | 1.73 | 4.35 | - | 7.80 ( 2.8 - 10.1 ) | 2.20 ( 1.17 - 3.54 ) | 3.55 | 7.8 | 5.8 | A+ |
| | 9 | 12 | 12 | - | 2.14 | 2.53 | 2.53 | - | 7.20 ( 2.8 - 9.1 ) | 2.22 ( 0.98 - 3.54 ) | 3.24 | 7.2 | 5.9 | A+ |
| | 9 | 12 | 14 | - | 1.99 | 2.36 | 2.95 | - | 7.30 ( 2.8 - 9.2 ) | 2.22 ( 0.98 - 3.57 ) | 3.29 | 7.3 | 5.9 | A+ |
| | 9 | 12 | 18 | - | 1.84 | 2.18 | 3.68 | - | 7.70 ( 2.8 - 9.9 ) | 2.22 ( 0.98 - 3.56 ) | 3.47 | 7.7 | 5.8 | A+ |
| | 9 | 12 | 24 | - | 1.66 | 1.97 | 4.18 | - | 7.80 ( 2.8 - 10.1 ) | 2.19 ( 0.98 - 3.56 ) | 3.56 | 7.8 | 5.8 | A+ |
| | 9 | 14 | 14 | - | 1.84 | 2.73 | 2.73 | - | 7.30 ( 3.5 - 9.3 ) | 2.22 ( 1.17 - 3.58 ) | 3.29 | 7.3 | 5.9 | A+ |
| | 9 | 14 | 18 | - | 1.74 | 2.58 | 3.48 | - | 7.80 ( 3.5 - 10.0 ) | 2.22 ( 1.17 - 3.58 ) | 3.51 | 7.8 | 5.8 | A+ |
| | 9 | 14 | 24 | - | 1.58 | 2.34 | 3.98 | - | 7.90 ( 3.5 - 10.1 ) | 2.22 ( 1.27 - 3.56 ) | 3.56 | 7.9 | 5.8 | A+ |
| | 9 | 18 | 18 | - | 1.56 | 3.12 | 3.12 | - | 7.80 ( 4.7 - 10.1 ) | 2.22 ( 1.27 - 3.58 ) | 3.51 | 7.8 | 5.7 | A+ |
| | 12 | 12 | 12 | - | 2.43 | 2.43 | 2.43 | - | 7.30 ( 2.8 - 9.2 ) | 2.22 ( 0.98 - 3.55 ) | 3.29 | 7.3 | 5.9 | A+ |
| | 12 | 12 | 14 | - | 2.28 | 2.28 | 2.85 | - | 7.40 ( 2.8 - 9.3 ) | 2.22 ( 0.98 - 3.58 ) | 3.33 | 7.4 | 5.9 | A+ |
| | 12 | 12 | 18 | - | 2.12 | 2.12 | 3.57 | - | 7.80 ( 3.5 - 10.0 ) | 2.22 ( 1.17 - 3.57 ) | 3.51 | 7.8 | 5.8 | A+ |
| | 12 | 12 | 24 | - | 1.92 | 1.92 | 4.07 | - | 7.90 ( 3.5 - 10.1 ) | 2.20 ( 1.17 - 3.54 ) | 3.59 | 7.9 | 5.8 | A+ |
| | 12 | 14 | 14 | - | 2.11 | 2.64 | 2.64 | - | 7.40 ( 3.5 - 9.4 ) | 2.22 ( 1.17 - 3.58 ) | 3.33 | 7.4 | 5.9 | A+ |
| | 12 | 14 | 18 | - | 1.98 | 2.48 | 3.34 | - | 7.80 ( 3.5 - 10.1 ) | 2.22 ( 1.17 - 3.58 ) | 3.51 | 7.8 | 5.8 | A+ |
| | 12 | 18 | 18 | - | 1.81 | 3.05 | 3.05 | - | 7.90 ( 4.7 - 10.1 ) | 2.22 ( 1.27 - 3.58 ) | 3.56 | 7.9 | 5.7 | A+ |

Notes:
• 7:7000Btu/h, 9:9000Btu/h, 12:12000Btu/h, 14:14000Btu/h, 18:18000Btu/h, 24:24000Btu/h models.
• The above is the value for connecting with Wall Mounted type.
• 3 or more indoor units should be connected.
• Cooling capacity is based on 27 °CDB /19 °CWB (indoor temperature),35 °CDB (outdoor temperature).
• Pipe length : 5m, Height difference : 0m. (Outdoor unit to indoor unit)
• The total ability of connected a indoor unit is up to 49000 Btu from 27000 Btu.


OUTDOOR UNIT
AO∗G30L4

| | Combination of indoor unit | | | | COOLING OPERATION | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Cooling Capacity | | | | | Input Power (min-max) | EER | Seasonal Data | | |
| | | | | | Room 1 | Room 2 | Room 3 | Room 4 | Total Capacity (min-max) | | | Pdesign | SEER | Energy Efficiency Class |
| | | | | | KW | KW | KW | KW | KW | KW | | kW | | |
| 4 Room | 7 | 7 | 7 | 7 | 1.93 | 1.93 | 1.93 | 1.93 | 7.70 ( 1.6 - 9.6 ) | 2.20 ( 0.68 - 3.41 ) | 3.50 | 7.7 | 6.2 | A++ |
| | 7 | 7 | 7 | 9 | 1.89 | 1.89 | 1.89 | 2.13 | 7.80 ( 1.6 - 9.8 ) | 2.22 ( 0.68 - 3.54 ) | 3.51 | 7.8 | 6.2 | A++ |
| | 7 | 7 | 7 | 12 | 1.83 | 1.83 | 1.83 | 2.41 | 7.90 ( 1.6 - 9.9 ) | 2.22 ( 0.68 - 3.54 ) | 3.56 | 7.9 | 6.1 | A++ |
| | 7 | 7 | 7 | 14 | 1.70 | 1.70 | 1.70 | 2.80 | 7.90 ( 2.8 - 9.9 ) | 2.22 ( 0.98 - 3.56 ) | 3.56 | 7.9 | 6.1 | A++ |
| | 7 | 7 | 7 | 18 | 1.52 | 1.52 | 1.52 | 3.43 | 8.00 ( 2.8 - 10.1 ) | 2.20 ( 0.98 - 3.55 ) | 3.64 | 8.0 | 6.0 | A+ |
| | 7 | 7 | 9 | 9 | 1.86 | 1.86 | 2.09 | 2.09 | 7.90 ( 2.8 - 9.7 ) | 2.22 ( 0.98 - 3.42 ) | 3.56 | 7.9 | 6.2 | A++ |
| | 7 | 7 | 9 | 12 | 1.78 | 1.78 | 1.99 | 2.35 | 7.90 ( 2.8 - 9.9 ) | 2.22 ( 0.98 - 3.55 ) | 3.56 | 7.9 | 6.1 | A++ |
| | 7 | 7 | 9 | 14 | 1.68 | 1.68 | 1.88 | 2.76 | 8.00 ( 2.8 - 10.0 ) | 2.22 ( 0.98 - 3.57 ) | 3.60 | 8.0 | 6.1 | A++ |
| | 7 | 7 | 9 | 18 | 1.49 | 1.49 | 1.67 | 3.35 | 8.00 ( 3.5 - 10.1 ) | 2.20 ( 1.17 - 3.55 ) | 3.64 | 8.0 | 6.0 | A+ |
| | 7 | 7 | 12 | 12 | 1.72 | 1.72 | 2.28 | 2.28 | 8.00 ( 2.8 - 10.0 ) | 2.22 ( 0.98 - 3.55 ) | 3.60 | 8.0 | 6.1 | A++ |
| | 7 | 7 | 12 | 14 | 1.61 | 1.61 | 2.13 | 2.65 | 8.00 ( 2.8 - 10.0 ) | 2.22 ( 0.98 - 3.57 ) | 3.60 | 8.0 | 6.1 | A++ |
| | 7 | 7 | 12 | 18 | 1.43 | 1.43 | 1.91 | 3.22 | 8.00 ( 3.5 - 10.1 ) | 2.20 ( 1.17 - 3.56 ) | 3.64 | 8.0 | 6.0 | A+ |
| | 7 | 7 | 14 | 14 | 1.50 | 1.50 | 2.50 | 2.50 | 8.00 ( 3.5 - 10.1 ) | 2.22 ( 1.17 - 3.58 ) | 3.60 | 8.0 | 6.0 | A+ |
| | 7 | 7 | 14 | 18 | 1.35 | 1.35 | 2.25 | 3.04 | 8.00 ( 3.5 - 10.1 ) | 2.22 ( 1.17 - 3.58 ) | 3.60 | 8.0 | 6.0 | A+ |
| | 7 | 9 | 9 | 9 | 1.81 | 2.03 | 2.03 | 2.03 | 7.90 ( 2.8 - 9.9 ) | 2.22 ( 0.98 - 3.56 ) | 3.56 | 7.9 | 6.2 | A++ |
| | 7 | 9 | 9 | 12 | 1.76 | 1.96 | 1.96 | 2.32 | 8.00 ( 2.8 - 10.0 ) | 2.22 ( 0.98 - 3.56 ) | 3.60 | 8.0 | 6.1 | A++ |
| | 7 | 9 | 9 | 14 | 1.64 | 1.83 | 1.83 | 2.70 | 8.00 ( 3.5 - 10.1 ) | 2.22 ( 1.17 - 3.58 ) | 3.60 | 8.0 | 6.1 | A++ |
| | 7 | 9 | 9 | 18 | 1.45 | 1.64 | 1.64 | 3.27 | 8.00 ( 3.5 - 10.1 ) | 2.22 ( 1.17 - 3.56 ) | 3.60 | 8.0 | 6.0 | A+ |
| | 7 | 9 | 12 | 12 | 1.68 | 1.88 | 2.22 | 2.22 | 8.00 ( 2.8 - 10.0 ) | 2.22 ( 0.98 - 3.56 ) | 3.60 | 8.0 | 6.1 | A++ |
| | 7 | 9 | 12 | 14 | 1.57 | 1.76 | 2.08 | 2.59 | 8.00 ( 3.5 - 10.1 ) | 2.22 ( 1.17 - 3.58 ) | 3.60 | 8.0 | 6.0 | A+ |
| | 7 | 9 | 12 | 18 | 1.40 | 1.58 | 1.87 | 3.15 | 8.00 ( 3.5 - 10.1 ) | 2.22 ( 1.17 - 3.56 ) | 3.60 | 8.0 | 6.0 | A+ |
| | 7 | 9 | 14 | 14 | 1.48 | 1.66 | 2.43 | 2.43 | 8.00 ( 3.5 - 10.1 ) | 2.22 ( 1.17 - 3.58 ) | 3.60 | 8.0 | 6.0 | A+ |
| | 7 | 9 | 14 | 18 | 1.32 | 1.49 | 2.21 | 2.98 | 8.00 ( 4.7 - 10.1 ) | 2.22 ( 1.27 - 3.57 ) | 3.60 | 8.0 | 6.0 | A+ |
| | 7 | 12 | 12 | 12 | 1.61 | 2.13 | 2.13 | 2.13 | 8.00 ( 2.8 - 10.1 ) | 2.22 ( 0.98 - 3.56 ) | 3.60 | 8.0 | 6.0 | A+ |
| | 7 | 12 | 12 | 14 | 1.51 | 2.00 | 2.00 | 2.49 | 8.00 ( 3.5 - 10.1 ) | 2.22 ( 1.17 - 3.58 ) | 3.60 | 8.0 | 6.0 | A+ |
| | 7 | 12 | 12 | 18 | 1.35 | 1.80 | 1.80 | 3.04 | 8.00 ( 3.5 - 10.1 ) | 2.22 ( 1.17 - 3.56 ) | 3.60 | 8.0 | 6.0 | A+ |
| | 7 | 12 | 14 | 14 | 1.41 | 1.89 | 2.35 | 2.35 | 8.00 ( 3.5 - 10.1 ) | 2.22 ( 1.17 - 3.58 ) | 3.60 | 8.0 | 6.0 | A+ |
| | 9 | 9 | 9 | 9 | 2.00 | 2.00 | 2.00 | 2.00 | 8.00 ( 3.5 - 10.0 ) | 2.22 ( 1.17 - 3.56 ) | 3.60 | 8.0 | 6.2 | A++ |
| | 9 | 9 | 9 | 12 | 1.91 | 1.91 | 1.91 | 2.27 | 8.00 ( 3.5 - 10.0 ) | 2.22 ( 1.17 - 3.56 ) | 3.60 | 8.0 | 6.1 | A++ |
| | 9 | 9 | 9 | 14 | 1.79 | 1.79 | 1.79 | 2.63 | 8.00 ( 3.5 - 10.0 ) | 2.22 ( 1.17 - 3.56 ) | 3.60 | 8.0 | 6.0 | A+ |
| | 9 | 9 | 9 | 18*1 | 1.60 | 1.60 | 1.60 | 3.20 | 8.00 ( 4.7 - 10.0 ) | 2.22 ( 1.17 - 3.56 ) | 3.60 | 8.0 | 6.0 | A+ |
| | 9 | 9 | 12 | 12 | 1.83 | 1.83 | 2.17 | 2.17 | 8.00 ( 3.5 - 10.0 ) | 2.22 ( 1.17 - 3.56 ) | 3.60 | 8.0 | 6.0 | A+ |
| | 9 | 9 | 12 | 14 | 1.72 | 1.72 | 2.03 | 2.53 | 8.00 ( 3.5 - 10.0 ) | 2.22 ( 1.17 - 3.56 ) | 3.60 | 8.0 | 6.0 | A+ |
| | 9 | 9 | 12 | 18*2 | 1.54 | 1.54 | 1.83 | 3.09 | 8.00 ( 4.7 - 10.0 ) | 2.22 ( 1.17 - 3.56 ) | 3.60 | 8.0 | 6.0 | A+ |
| | 9 | 9 | 14 | 14 | 1.62 | 1.62 | 2.38 | 2.38 | 8.00 ( 4.7 - 10.0 ) | 2.22 ( 1.17 - 3.56 ) | 3.60 | 8.0 | 6.0 | A+ |
| | 9 | 12 | 12 | 12 | 1.76 | 2.08 | 2.08 | 2.08 | 8.00 ( 3.5 - 10.0 ) | 2.22 ( 1.17 - 3.56 ) | 3.60 | 8.0 | 6.0 | A+ |
| | 9 | 12 | 12 | 14 | 1.66 | 1.95 | 1.95 | 2.44 | 8.00 ( 3.5 - 10.0 ) | 2.22 ( 1.17 - 3.56 ) | 3.60 | 8.0 | 6.0 | A+ |
| | 9 | 12 | 14 | 14 | 1.55 | 1.85 | 2.30 | 2.30 | 8.00 ( 4.7 - 10.0 ) | 2.22 ( 1.17 - 3.56 ) | 3.60 | 8.0 | 6.0 | A+ |
| | 12 | 12 | 12 | 12 | 2.00 | 2.00 | 2.00 | 2.00 | 8.00 ( 3.5 - 10.0 ) | 2.22 ( 1.17 - 3.56 ) | 3.60 | 8.0 | 6.0 | A+ |

Notes:
• 7:7000Btu/h, 9:9000Btu/h, 12:12000Btu/h, 14:14000Btu/h, 18:18000Btu/h, 24:24000Btu/h models.
• The above is the value for connecting with Wall Mounted type.
• 3 or more indoor units should be connected.
• Cooling capacity is based on 27 °CDB /19 °CWB (indoor temperature),35 °CDB (outdoor temperature).
• Pipe length : 5m, Height difference : 0m. (Outdoor unit to indoor unit)
• The total ability of connected a indoor unit is up to 49000 Btu from 27000 Btu.
∗1: Connection of "AR∗G09L+AR∗G09L+AR∗G09L+AS∗G18L " is not available. All types other than this combination can be connected.
∗2: Connection of "AR∗G09L+AR∗G09L+AR∗G12L+AS∗G18L " is not available. All types other than this combination can be connected.

OUTDOOR UNIT
AO∗G30L4

## ● Heating

| | Combination of indoor unit | | | | HEATING OPERATION | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Heating Capacity | | | | | Input Power (min-max) | COP | Seasonal Data | | |
| | | | | | Room 1 | Room 2 | Room 3 | Room 4 | Total Capacity (min-max) | | | Pdesign | SCOP | Energy Efficiency Class |
| | | | | | KW | KW | KW | KW | KW | KW | | kW | | |
| 3 Room | 7 | 7 | 14 | - | 2.42 | 2.42 | 4.15 | - | 9.00 ( 1.8 - 10.1 ) | 2.66 ( 0.58 - 3.53 ) | 3.38 | 5.8 | 3.8 | A |
| | 7 | 7 | 18 | - | 2.27 | 2.27 | 4.86 | - | 9.40 ( 3.3 - 11.2 ) | 2.46 ( 0.87 - 3.52 ) | 3.82 | 5.8 | 3.8 | A |
| | 7 | 7 | 24 | - | 2.03 | 2.03 | 5.44 | - | 9.50 ( 3.3 - 11.5 ) | 2.47 ( 0.87 - 3.52 ) | 3.85 | 5.8 | 3.8 | A |
| | 7 | 9 | 12 | - | 2.49 | 2.94 | 3.56 | - | 9.00 ( 1.8 - 10.0 ) | 2.69 ( 0.58 - 3.51 ) | 3.35 | 5.8 | 3.8 | A |
| | 7 | 9 | 14 | - | 2.33 | 2.75 | 4.00 | - | 9.10 ( 3.3 - 10.2 ) | 2.64 ( 0.87 - 3.50 ) | 3.45 | 5.8 | 3.8 | A |
| | 7 | 9 | 18 | - | 2.17 | 2.56 | 4.66 | - | 9.40 ( 3.3 - 11.3 ) | 2.45 ( 0.87 - 3.50 ) | 3.84 | 5.8 | 3.8 | A |
| | 7 | 9 | 24 | - | 1.98 | 2.33 | 5.29 | - | 9.60 ( 3.3 - 11.5 ) | 2.46 ( 0.87 - 3.51 ) | 3.90 | 5.8 | 3.8 | A |
| | 7 | 12 | 12 | - | 2.33 | 3.33 | 3.33 | - | 9.00 ( 1.8 - 10.1 ) | 2.66 ( 0.58 - 3.48 ) | 3.38 | 5.8 | 3.8 | A |
| | 7 | 12 | 14 | - | 2.22 | 3.17 | 3.80 | - | 9.20 ( 3.3 - 10.3 ) | 2.62 ( 0.87 - 3.48 ) | 3.51 | 5.8 | 3.8 | A |
| | 7 | 12 | 18 | - | 2.08 | 2.97 | 4.45 | - | 9.50 ( 3.3 - 11.4 ) | 2.44 ( 0.87 - 3.47 ) | 3.89 | 5.8 | 3.8 | A |
| | 7 | 12 | 24 | - | 1.88 | 2.69 | 5.03 | - | 9.60 ( 3.3 - 11.7 ) | 2.45 ( 0.87 - 3.56 ) | 3.92 | 5.8 | 3.8 | A |
| | 7 | 14 | 14 | - | 2.10 | 3.60 | 3.60 | - | 9.30 ( 3.3 - 10.6 ) | 2.59 ( 0.87 - 3.48 ) | 3.59 | 5.8 | 3.8 | A |
| | 7 | 14 | 18 | - | 1.96 | 3.35 | 4.19 | - | 9.50 ( 3.7 - 11.5 ) | 2.42 ( 0.97 - 3.52 ) | 3.93 | 5.8 | 3.8 | A |
| | 7 | 14 | 24 | - | 1.78 | 3.05 | 4.77 | - | 9.60 ( 3.3 - 11.7 ) | 2.45 ( 0.87 - 3.56 ) | 3.92 | 5.8 | 3.8 | A |
| | 7 | 18 | 18 | - | 1.82 | 3.89 | 3.89 | - | 9.60 ( 3.7 - 12.0 ) | 2.40 ( 0.97 - 3.52 ) | 4.00 | 5.8 | 3.8 | A |
| | 7 | 18 | 24 | - | 1.65 | 3.53 | 4.42 | - | 9.60 ( 4.3 - 12.0 ) | 2.40 ( 1.12 - 3.52 ) | 4.00 | 5.8 | 3.8 | A |
| | 9 | 9 | 9 | - | 3.00 | 3.00 | 3.00 | - | 9.00 ( 3.3 - 10.0 ) | 2.69 ( 0.87 - 3.51 ) | 3.35 | 5.8 | 3.8 | A |
| | 9 | 9 | 12 | - | 2.80 | 2.80 | 3.39 | - | 9.00 ( 3.3 - 10.1 ) | 2.67 ( 0.87 - 3.48 ) | 3.37 | 5.8 | 3.8 | A |
| | 9 | 9 | 14 | - | 2.66 | 2.66 | 3.87 | - | 9.20 ( 3.3 - 10.3 ) | 2.63 ( 0.87 - 3.48 ) | 3.50 | 5.8 | 3.8 | A |
| | 9 | 9 | 18 | - | 2.49 | 2.49 | 4.52 | - | 9.50 ( 3.7 - 11.4 ) | 2.44 ( 0.97 - 3.48 ) | 3.89 | 5.8 | 3.8 | A |
| | 9 | 9 | 24 | - | 2.25 | 2.25 | 5.11 | - | 9.60 ( 3.7 - 11.7 ) | 2.45 ( 0.97 - 3.57 ) | 3.92 | 5.8 | 3.8 | A |
| | 9 | 12 | 12 | - | 2.65 | 3.22 | 3.22 | - | 9.10 ( 3.3 - 10.3 ) | 2.65 ( 0.87 - 3.52 ) | 3.43 | 5.8 | 3.8 | A |
| | 9 | 12 | 14 | - | 2.53 | 3.07 | 3.69 | - | 9.30 ( 3.3 - 10.5 ) | 2.61 ( 0.87 - 3.52 ) | 3.56 | 5.8 | 3.8 | A |
| | 9 | 12 | 18 | - | 2.36 | 2.86 | 4.29 | - | 9.50 ( 3.7 - 11.4 ) | 2.43 ( 0.97 - 3.47 ) | 3.91 | 5.8 | 3.8 | A |
| | 9 | 12 | 24 | - | 2.14 | 2.59 | 4.86 | - | 9.60 ( 3.7 - 11.8 ) | 2.44 ( 0.97 - 3.55 ) | 3.93 | 5.8 | 3.8 | A |
| | 9 | 14 | 14 | - | 2.38 | 3.46 | 3.46 | - | 9.30 ( 3.7 - 10.7 ) | 2.58 ( 0.97 - 3.46 ) | 3.60 | 5.8 | 3.8 | A |
| | 9 | 14 | 18 | - | 2.22 | 3.23 | 4.04 | - | 9.50 ( 3.7 - 11.6 ) | 2.41 ( 0.97 - 3.51 ) | 3.94 | 5.8 | 3.8 | A |
| | 9 | 14 | 24 | - | 2.03 | 2.95 | 4.62 | - | 9.60 ( 4.3 - 11.9 ) | 2.42 ( 1.12 - 3.57 ) | 3.97 | 5.8 | 3.8 | A |
| | 9 | 18 | 18 | - | 2.07 | 3.76 | 3.76 | - | 9.60 ( 4.3 - 12.0 ) | 2.40 ( 1.12 - 3.52 ) | 4.00 | 5.8 | 3.8 | A |
| | 12 | 12 | 12 | - | 3.07 | 3.07 | 3.07 | - | 9.20 ( 3.3 - 10.3 ) | 2.63 ( 0.87 - 3.49 ) | 3.50 | 5.8 | 3.8 | A |
| | 12 | 12 | 14 | - | 2.91 | 2.91 | 3.49 | - | 9.30 ( 3.3 - 10.6 ) | 2.59 ( 0.87 - 3.49 ) | 3.59 | 5.8 | 3.8 | A |
| | 12 | 12 | 18 | - | 2.71 | 2.71 | 4.07 | - | 9.50 ( 3.7 - 11.6 ) | 2.42 ( 0.97 - 3.52 ) | 3.93 | 5.8 | 3.8 | A |
| | 12 | 12 | 24 | - | 2.48 | 2.48 | 4.65 | - | 9.60 ( 3.7 - 11.8 ) | 2.43 ( 0.97 - 3.54 ) | 3.95 | 5.8 | 3.8 | A |
| | 12 | 14 | 14 | - | 2.76 | 3.32 | 3.32 | - | 9.40 ( 3.7 - 10.8 ) | 2.40 ( 0.97 - 3.50 ) | 3.92 | 5.8 | 3.8 | A |
| | 12 | 14 | 18 | - | 2.57 | 3.08 | 3.85 | - | 9.50 ( 3.7 - 11.6 ) | 2.40 ( 0.97 - 3.49 ) | 3.96 | 5.8 | 3.8 | A |
| | 12 | 18 | 18 | - | 2.40 | 3.60 | 3.60 | - | 9.60 ( 4.3 - 12.0 ) | 2.40 ( 1.12 - 3.52 ) | 4.00 | 5.8 | 3.8 | A |

Notes:
• 7:7000Btu/h, 9:9000Btu/h, 12:12000Btu/h, 14:14000Btu/h, 18:18000Btu/h, 24:24000Btu/h models.
• The above is the value for connecting with Wall Mounted type.
• 3 or more indoor units should be connected.
• Heating capacity is based on 20 °CDB (indoor temperature), 7 °CDB/6 °CWB (outdoor temperature).
• Pipe length : 5m, Height difference : 0m. (Outdoor unit to indoor unit)
• The total ability of connected a indoor unit is up to 49000 Btu from 27000 Btu.


OUTDOOR UNIT
AO∗G30L4

| | Combination of indoor unit | | | | HEATING OPERATION | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Heating Capacity | | | | | Input Power (min-max) | COP | Seasonal Data | | |
| | | | | | Room 1 | Room 2 | Room 3 | Room 4 | Total Capacity (min-max) | | | Pdesign | SCOP | Energy Efficiency Class |
| | | | | | KW | KW | KW | KW | KW | KW | | kW | | |
| 4 Room | 7 | 7 | 7 | 7 | 2.35 | 2.35 | 2.35 | 2.35 | 9.40 ( 1.8 - 10.8 ) | 2.43 ( 0.58 - 3.47 ) | 3.87 | 6.2 | 4.0 | A+ |
| | 7 | 7 | 7 | 9 | 2.27 | 2.27 | 2.27 | 2.68 | 9.50 ( 1.8 - 10.9 ) | 2.42 ( 0.58 - 3.51 ) | 3.88 | 6.2 | 4.0 | A+ |
| | 7 | 7 | 7 | 12 | 2.14 | 2.14 | 2.14 | 3.06 | 9.50 ( 1.8 - 11.1 ) | 2.41 ( 0.58 - 3.55 ) | 3.94 | 6.2 | 4.0 | A+ |
| | 7 | 7 | 7 | 14 | 2.04 | 2.04 | 2.04 | 3.49 | 9.60 ( 3.3 - 11.3 ) | 2.38 ( 0.87 - 3.56 ) | 4.03 | 6.2 | 4.0 | A+ |
| | 7 | 7 | 7 | 18 | 1.87 | 1.87 | 1.87 | 4.00 | 9.60 ( 3.3 - 12.0 ) | 2.27 ( 0.87 - 3.56 ) | 4.23 | 6.2 | 4.0 | A+ |
| | 7 | 7 | 9 | 9 | 2.18 | 2.18 | 2.57 | 2.57 | 9.50 ( 3.3 - 10.9 ) | 2.41 ( 0.87 - 3.44 ) | 3.94 | 6.2 | 4.0 | A+ |
| | 7 | 7 | 9 | 12 | 2.06 | 2.06 | 2.43 | 2.95 | 9.50 ( 3.3 - 11.1 ) | 2.40 ( 0.87 - 3.54 ) | 3.96 | 6.2 | 4.0 | A+ |
| | 7 | 7 | 9 | 14 | 1.96 | 1.96 | 2.31 | 3.36 | 9.60 ( 3.3 - 11.4 ) | 2.38 ( 0.87 - 3.54 ) | 4.03 | 6.2 | 4.0 | A+ |
| | 7 | 7 | 9 | 18 | 1.80 | 1.80 | 2.13 | 3.87 | 9.60 ( 3.7 - 12.0 ) | 2.27 ( 0.97 - 3.55 ) | 4.23 | 6.2 | 4.0 | A+ |
| | 7 | 7 | 12 | 12 | 1.98 | 1.98 | 2.82 | 2.82 | 9.60 ( 3.3 - 11.3 ) | 2.39 ( 0.87 - 3.57 ) | 4.02 | 6.2 | 4.0 | A+ |
| | 7 | 7 | 12 | 14 | 1.87 | 1.87 | 2.67 | 3.20 | 9.60 ( 3.3 - 11.5 ) | 2.36 ( 0.87 - 3.58 ) | 4.07 | 6.2 | 4.0 | A+ |
| | 7 | 7 | 12 | 18 | 1.72 | 1.72 | 2.46 | 3.69 | 9.60 ( 3.7 - 12.0 ) | 2.27 ( 0.97 - 3.58 ) | 4.23 | 6.2 | 4.0 | A+ |
| | 7 | 7 | 14 | 14 | 1.77 | 1.77 | 3.03 | 3.03 | 9.60 ( 3.7 - 11.8 ) | 2.34( 0.97 - 3.58 ) | 4.10 | 6.2 | 4.0 | A+ |
| | 7 | 7 | 14 | 18 | 1.64 | 1.64 | 2.81 | 3.51 | 9.60 ( 3.7 - 12.0 ) | 2.27 ( 0.97 - 3.56 ) | 4.23 | 6.2 | 4.0 | A+ |
| | 7 | 9 | 9 | 9 | 2.09 | 2.47 | 2.47 | 2.47 | 9.50 ( 3.3 - 11.2 ) | 2.40 ( 0.87 - 3.54 ) | 4.00 | 6.2 | 4.0 | A+ |
| | 7 | 9 | 9 | 12 | 2.01 | 2.36 | 2.36 | 2.87 | 9.60 ( 3.3 - 11.3 ) | 2.39( 0.87 - 3.58 ) | 4.02 | 6.2 | 4.0 | A+ |
| | 7 | 9 | 9 | 14 | 1.89 | 2.23 | 2.23 | 3.25 | 9.60 ( 3.7 - 11.5 ) | 2.37 ( 0.97 - 3.58 ) | 4.05 | 6.2 | 4.0 | A+ |
| | 7 | 9 | 9 | 18 | 1.75 | 2.06 | 2.06 | 3.74 | 9.60 ( 3.7 - 12.0 ) | 2.27 ( 0.97 - 3.58 ) | 4.23 | 6.2 | 4.0 | A+ |
| | 7 | 9 | 12 | 12 | 1.91 | 2.25 | 2.72 | 2.72 | 9.60 ( 3.3 - 11.4 ) | 2.38 ( 0.87 - 3.58 ) | 4.03 | 6.2 | 4.0 | A+ |
| | 7 | 9 | 12 | 14 | 1.80 | 2.13 | 2.58 | 3.09 | 9.60 ( 3.7 - 11.6 ) | 2.35 ( 0.97 - 3.58 ) | 4.09 | 6.2 | 4.0 | A+ |
| | 7 | 9 | 12 | 18 | 1.67 | 1.97 | 2.39 | 3.58 | 9.60 ( 3.7 - 12.0 ) | 2.27 ( 0.97 - 3.58 ) | 4.23 | 6.2 | 4.0 | A+ |
| | 7 | 9 | 14 | 14 | 1.71 | 2.02 | 2.94 | 2.94 | 9.60 ( 3.7 - 11.8 ) | 2.33 ( 0.97 - 3.58 ) | 4.12 | 6.2 | 4.0 | A+ |
| | 7 | 9 | 14 | 18 | 1.59 | 1.87 | 2.73 | 3.41 | 9.60 ( 4.3 - 12.0 ) | 2.27 ( 1.12 - 3.58 ) | 4.23 | 6.2 | 4.0 | A+ |
| | 7 | 12 | 12 | 12 | 1.81 | 2.59 | 2.59 | 2.59 | 9.60 ( 3.3 - 11.5 ) | 2.37 ( 0.87 - 3.58 ) | 4.05 | 6.2 | 4.0 | A+ |
| | 7 | 12 | 12 | 14 | 1.72 | 2.46 | 2.46 | 2.95 | 9.60 ( 3.7 - 11.7 ) | 2.34 ( 0.97 - 3.58 ) | 4.10 | 6.2 | 4.0 | A+ |
| | 7 | 12 | 12 | 18 | 1.60 | 2.29 | 2.29 | 3.43 | 9.60 ( 3.7 - 12.0 ) | 2.27 ( 0.97 - 3.56 ) | 4.23 | 6.2 | 4.0 | A+ |
| | 7 | 12 | 14 | 14 | 1.64 | 2.34 | 2.81 | 2.81 | 9.60 ( 3.7 - 11.9 ) | 2.32 ( 0.97 - 3.58 ) | 4.14 | 6.2 | 4.0 | A+ |
| | 9 | 9 | 9 | 9 | 2.40 | 2.40 | 2.40 | 2.40 | 9.60 ( 3.7 - 11.3 ) | 2.40 ( 0.97 - 3.58 ) | 4.00 | 6.2 | 4.0 | A+ |
| | 9 | 9 | 9 | 12 | 2.28 | 2.28 | 2.28 | 2.76 | 9.60 ( 3.7 - 11.4 ) | 2.38 ( 0.97 - 3.58 ) | 4.03 | 6.2 | 4.0 | A+ |
| | 9 | 9 | 9 | 14 | 2.16 | 2.16 | 2.16 | 3.14 | 9.60 ( 3.7 - 11.6 ) | 2.36 ( 0.97 - 3.58 ) | 4.07 | 6.2 | 4.0 | A+ |
| | 9 | 9 | 9 | 18*1 | 1.99 | 1.99 | 1.99 | 3.62 | 9.60 ( 4.3 - 12.0 ) | 2.27 ( 1.12 - 3.58 ) | 4.23 | 6.2 | 4.0 | A+ |
| | 9 | 9 | 12 | 12 | 2.17 | 2.17 | 2.63 | 2.63 | 9.60 ( 3.7 - 11.5 ) | 2.37 ( 0.97 - 3.58 ) | 4.05 | 6.2 | 4.0 | A+ |
| | 9 | 9 | 12 | 14 | 2.06 | 2.06 | 2.49 | 2.99 | 9.60 ( 3.7 - 11.7 ) | 2.35 ( 0.97 - 3.58 ) | 4.09 | 6.2 | 4.0 | A+ |
| | 9 | 9 | 12 | 18*2 | 1.91 | 1.91 | 2.31 | 3.47 | 9.60 ( 4.3 - 12.0 ) | 2.27 ( 1.12 - 3.58 ) | 4.23 | 6.2 | 4.0 | A+ |
| | 9 | 9 | 14 | 14 | 1.96 | 1.96 | 2.84 | 2.84 | 9.60 ( 4.3 - 11.9 ) | 2.33 ( 1.12 - 3.58 ) | 4.12 | 6.2 | 4.0 | A+ |
| | 9 | 12 | 12 | 12 | 2.07 | 2.51 | 2.51 | 2.51 | 9.60 ( 3.7 - 11.6 ) | 2.36 ( 0.97 - 3.58 ) | 4.07 | 6.2 | 4.0 | A+ |
| | 9 | 12 | 12 | 14 | 1.97 | 2.39 | 2.39 | 2.87 | 9.60 ( 3.7 - 11.8 ) | 2.34 ( 0.97 - 3.58 ) | 4.10 | 6.2 | 4.0 | A+ |
| | 9 | 12 | 14 | 14 | 1.87 | 2.27 | 2.73 | 2.73 | 9.60 ( 4.3 - 11.9 ) | 2.31 ( 1.12 - 3.58 ) | 4.16 | 6.2 | 4.0 | A+ |
| | 12 | 12 | 12 | 12 | 2.40 | 2.40 | 2.40 | 2.40 | 9.60 ( 3.7 - 11.6 ) | 2.35 ( 0.97 - 3.58 ) | 4.09 | 6.2 | 4.0 | A+ |

Notes:
• 7:7000Btu/h, 9:9000Btu/h, 12:12000Btu/h, 14:14000Btu/h, 18:18000Btu/h, 24:24000Btu/h models.
• The above is the value for connecting with Wall Mounted type.
• 3 or more indoor units should be connected.
• Heating capacity is based on 20 °CDB (indoor temperature), 7 °CDB/6 °CWB (outdoor temperature).
• Pipe length : 5m, Height difference : 0m. (Outdoor unit to indoor unit)
• The total ability of connected a indoor unit is up to 49000 Btu from 27000 Btu.
∗1: Connection of "AR∗G09L+AR∗G09L+AR∗G09L+AS∗G18L " is not available. All types other than this combination can be connected.
∗2: Connection of "AR∗G09L+AR∗G09L+AR∗G12L+AS∗G18L " is not available. All types other than this combination can be connected.

OUTDOOR UNIT
AO∗G30L4

# 5-2. COOLING CAPACITY

This table is created using the maximum capacity.

Note: 3 or more indoor units should be connected.

## ■ MODEL: AO∗G30L4

### ● Indoor unit : 7000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7 | 0 | 2.69 | 1.86 | 0.38 | 3.00 | 1.87 | 0.38 | 3.10 | 2.04 | 0.38 | 3.30 | 2.04 | 0.39 | 3.40 | 2.21 | 0.39 | 3.61 | 2.20 | 0.39 | 3.71 | 2.20 | 0.40 | 3.81 | 2.34 | 0.40 |
| | 5 | 2.59 | 1.82 | 0.46 | 2.89 | 1.83 | 0.47 | 2.99 | 1.99 | 0.47 | 3.18 | 1.99 | 0.47 | 3.28 | 2.15 | 0.48 | 3.48 | 2.14 | 0.48 | 3.58 | 2.14 | 0.48 | 3.68 | 2.28 | 0.49 |
| | 10 | 2.42 | 1.73 | 0.56 | 2.70 | 1.74 | 0.57 | 2.79 | 1.89 | 0.57 | 2.97 | 1.90 | 0.58 | 3.06 | 2.05 | 0.58 | 3.25 | 2.04 | 0.59 | 3.34 | 2.04 | 0.59 | 3.43 | 2.18 | 0.59 |
| | 15 | 2.29 | 1.67 | 0.65 | 2.56 | 1.68 | 0.66 | 2.64 | 1.83 | 0.67 | 2.82 | 1.83 | 0.68 | 2.90 | 1.98 | 0.68 | 3.08 | 1.97 | 0.69 | 3.17 | 1.97 | 0.69 | 3.25 | 2.10 | 0.69 |
| | 20 | 2.14 | 1.60 | 0.60 | 2.39 | 1.61 | 0.61 | 2.47 | 1.75 | 0.61 | 2.63 | 1.75 | 0.61 | 2.71 | 1.89 | 0.62 | 2.88 | 1.88 | 0.62 | 2.96 | 1.88 | 0.63 | 3.04 | 2.01 | 0.63 |
| | 25 | 2.08 | 1.56 | 0.64 | 2.31 | 1.57 | 0.65 | 2.39 | 1.71 | 0.65 | 2.55 | 1.72 | 0.66 | 2.63 | 1.85 | 0.66 | 2.79 | 1.85 | 0.67 | 2.87 | 1.84 | 0.67 | 2.95 | 1.97 | 0.67 |
| | 30 | 1.93 | 1.49 | 0.72 | 2.15 | 1.50 | 0.73 | 2.22 | 1.63 | 0.73 | 2.37 | 1.64 | 0.74 | 2.44 | 1.77 | 0.74 | 2.59 | 1.76 | 0.75 | 2.66 | 1.76 | 0.76 | 2.74 | 1.88 | 0.76 |
| | 35 | 2.13 | 1.59 | 0.96 | 2.38 | 1.60 | 0.97 | 2.46 | 1.74 | 0.98 | 2.62 | 1.75 | 0.99 | 2.70 | 1.89 | 0.99 | 2.86 | 1.88 | 1.00 | 2.94 | 1.87 | 1.00 | 3.02 | 2.00 | 1.01 |
| | 40 | 2.01 | 1.53 | 1.07 | 2.23 | 1.54 | 1.09 | 2.31 | 1.67 | 1.09 | 2.46 | 1.68 | 1.10 | 2.54 | 1.81 | 1.11 | 2.69 | 1.80 | 1.12 | 2.77 | 1.80 | 1.13 | 2.84 | 1.92 | 1.13 |
| | 46 | 1.95 | 1.48 | 1.23 | 2.17 | 1.49 | 1.25 | 2.25 | 1.62 | 1.25 | 2.40 | 1.63 | 1.27 | 2.47 | 1.76 | 1.27 | 2.62 | 1.75 | 1.28 | 2.69 | 1.75 | 1.29 | 2.77 | 1.86 | 1.30 |

Outdoor temperature

### ● Indoor unit : 9000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 9 | 0 | 2.71 | 1.97 | 0.39 | 3.02 | 1.99 | 0.40 | 3.13 | 2.16 | 0.40 | 3.33 | 2.17 | 0.41 | 3.44 | 2.34 | 0.41 | 3.64 | 2.33 | 0.41 | 3.74 | 2.33 | 0.41 | 3.85 | 2.48 | 0.42 |
| | 5 | 2.60 | 1.92 | 0.48 | 2.90 | 1.93 | 0.48 | 3.00 | 2.10 | 0.49 | 3.19 | 2.11 | 0.49 | 3.29 | 2.27 | 0.49 | 3.49 | 2.27 | 0.50 | 3.59 | 2.26 | 0.50 | 3.69 | 2.41 | 0.50 |
| | 10 | 2.46 | 1.85 | 0.58 | 2.74 | 1.86 | 0.59 | 2.83 | 2.02 | 0.59 | 3.02 | 2.03 | 0.59 | 3.11 | 2.19 | 0.60 | 3.30 | 2.19 | 0.60 | 3.39 | 2.18 | 0.61 | 3.48 | 2.33 | 0.61 |
| | 15 | 2.31 | 1.77 | 0.65 | 2.57 | 1.78 | 0.66 | 2.66 | 1.93 | 0.66 | 2.83 | 1.94 | 0.67 | 2.92 | 2.10 | 0.67 | 3.10 | 2.09 | 0.68 | 3.18 | 2.08 | 0.68 | 3.27 | 2.22 | 0.68 |
| | 20 | 2.63 | 1.92 | 0.74 | 2.93 | 1.93 | 0.75 | 3.03 | 2.10 | 0.75 | 3.23 | 2.11 | 0.76 | 3.32 | 2.27 | 0.76 | 3.52 | 2.26 | 0.77 | 3.62 | 2.26 | 0.77 | 3.72 | 2.41 | 0.78 |
| | 25 | 2.55 | 1.88 | 0.80 | 2.84 | 1.89 | 0.81 | 2.93 | 2.06 | 0.82 | 3.13 | 2.06 | 0.82 | 3.22 | 2.23 | 0.83 | 3.42 | 2.22 | 0.84 | 3.51 | 2.22 | 0.84 | 3.61 | 2.36 | 0.84 |
| | 30 | 2.36 | 1.79 | 0.89 | 2.63 | 1.80 | 0.91 | 2.72 | 1.96 | 0.91 | 2.90 | 1.97 | 0.92 | 2.99 | 2.13 | 0.93 | 3.17 | 2.12 | 0.94 | 3.26 | 2.11 | 0.94 | 3.35 | 2.26 | 0.94 |
| | 35 | 2.69 | 1.95 | 1.21 | 2.99 | 1.96 | 1.23 | 3.09 | 2.13 | 1.23 | 3.30 | 2.14 | 1.24 | 3.40 | 2.31 | 1.25 | 3.60 | 2.30 | 1.26 | 3.71 | 2.29 | 1.27 | 3.81 | 2.45 | 1.28 |
| | 40 | 2.52 | 1.87 | 1.35 | 2.81 | 1.88 | 1.37 | 2.91 | 2.04 | 1.38 | 3.10 | 2.05 | 1.39 | 3.20 | 2.21 | 1.40 | 3.39 | 2.21 | 1.41 | 3.48 | 2.20 | 1.42 | 3.58 | 2.35 | 1.43 |
| | 46 | 2.34 | 1.71 | 1.56 | 2.61 | 1.72 | 1.58 | 2.70 | 1.87 | 1.59 | 2.87 | 1.88 | 1.60 | 2.96 | 2.03 | 1.61 | 3.14 | 2.02 | 1.63 | 3.23 | 2.02 | 1.64 | 3.32 | 2.15 | 1.65 |

Outdoor temperature

### ● Indoor unit : 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 12 | 0 | 3.33 | 2.37 | 0.51 | 3.70 | 2.38 | 0.52 | 3.83 | 2.59 | 0.52 | 4.08 | 2.60 | 0.53 | 4.21 | 2.81 | 0.53 | 4.46 | 2.80 | 0.53 | 4.59 | 2.79 | 0.54 | 4.71 | 2.98 | 0.54 |
| | 5 | 3.16 | 2.29 | 0.61 | 3.52 | 2.31 | 0.61 | 3.64 | 2.51 | 0.62 | 3.88 | 2.52 | 0.62 | 4.00 | 2.72 | 0.63 | 4.24 | 2.71 | 0.63 | 4.36 | 2.70 | 0.64 | 4.48 | 2.88 | 0.64 |
| | 10 | 3.03 | 2.23 | 0.73 | 3.38 | 2.25 | 0.74 | 3.49 | 2.44 | 0.74 | 3.72 | 2.45 | 0.75 | 3.84 | 2.65 | 0.75 | 4.07 | 2.64 | 0.76 | 4.18 | 2.63 | 0.76 | 4.30 | 2.81 | 0.77 |
| | 15 | 2.81 | 2.09 | 0.76 | 3.13 | 2.11 | 0.78 | 3.24 | 2.29 | 0.78 | 3.45 | 2.30 | 0.79 | 3.56 | 2.48 | 0.79 | 3.77 | 2.47 | 0.80 | 3.88 | 2.47 | 0.80 | 3.98 | 2.63 | 0.81 |
| | 20 | 3.29 | 2.31 | 0.93 | 3.66 | 2.33 | 0.95 | 3.79 | 2.53 | 0.95 | 4.04 | 2.54 | 0.96 | 4.16 | 2.74 | 0.96 | 4.41 | 2.73 | 0.97 | 4.54 | 2.73 | 0.98 | 4.66 | 2.91 | 0.98 |
| | 25 | 3.18 | 2.26 | 1.04 | 3.55 | 2.28 | 1.05 | 3.67 | 2.48 | 1.06 | 3.91 | 2.49 | 1.07 | 4.03 | 2.68 | 1.07 | 4.27 | 2.67 | 1.08 | 4.39 | 2.67 | 1.09 | 4.51 | 2.85 | 1.09 |
| | 30 | 2.95 | 2.16 | 1.14 | 3.29 | 2.17 | 1.16 | 3.40 | 2.36 | 1.16 | 3.62 | 2.37 | 1.18 | 3.73 | 2.56 | 1.18 | 3.96 | 2.55 | 1.19 | 4.07 | 2.54 | 1.20 | 4.18 | 2.71 | 1.21 |
| | 35 | 3.00 | 2.18 | 1.35 | 3.34 | 2.19 | 1.37 | 3.46 | 2.38 | 1.38 | 3.69 | 2.39 | 1.39 | 3.80 | 2.58 | 1.40 | 4.03 | 2.57 | 1.41 | 4.14 | 2.57 | 1.42 | 4.26 | 2.74 | 1.43 |
| | 40 | 2.82 | 2.09 | 1.51 | 3.14 | 2.11 | 1.54 | 3.25 | 2.29 | 1.54 | 3.46 | 2.30 | 1.56 | 3.57 | 2.48 | 1.57 | 3.79 | 2.47 | 1.58 | 3.89 | 2.47 | 1.59 | 4.00 | 2.63 | 1.60 |
| | 46 | 2.69 | 2.05 | 1.70 | 3.00 | 2.07 | 1.73 | 3.10 | 2.25 | 1.73 | 3.30 | 2.26 | 1.75 | 3.41 | 2.43 | 1.76 | 3.61 | 2.43 | 1.78 | 3.71 | 2.42 | 1.79 | 3.82 | 2.58 | 1.80 |

Outdoor temperature

### ● Indoor unit : 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 14 | 0 | 3.28 | 2.64 | 0.54 | 3.66 | 2.66 | 0.55 | 3.78 | 2.89 | 0.55 | 4.03 | 2.90 | 0.55 | 4.16 | 3.13 | 0.56 | 4.41 | 3.12 | 0.56 | 4.53 | 3.12 | 0.57 | 4.66 | 3.32 | 0.57 |
| | 5 | 3.10 | 2.56 | 0.63 | 3.46 | 2.57 | 0.64 | 3.58 | 2.80 | 0.64 | 3.81 | 2.81 | 0.65 | 3.93 | 3.03 | 0.65 | 4.17 | 3.02 | 0.66 | 4.28 | 3.01 | 0.66 | 4.40 | 3.22 | 0.67 |
| | 10 | 3.01 | 2.51 | 0.75 | 3.35 | 2.53 | 0.77 | 3.47 | 2.75 | 0.77 | 3.70 | 2.76 | 0.78 | 3.81 | 2.98 | 0.78 | 4.04 | 2.97 | 0.79 | 4.15 | 2.96 | 0.79 | 4.27 | 3.16 | 0.80 |
| | 15 | 3.52 | 2.71 | 0.95 | 3.92 | 2.72 | 0.96 | 4.05 | 2.96 | 0.97 | 4.32 | 2.97 | 0.98 | 4.45 | 3.21 | 0.98 | 4.72 | 3.20 | 0.99 | 4.85 | 3.19 | 1.00 | 4.99 | 3.40 | 1.00 |
| | 20 | 3.68 | 2.78 | 1.06 | 4.09 | 2.80 | 1.08 | 4.23 | 3.04 | 1.08 | 4.51 | 3.05 | 1.09 | 4.65 | 3.30 | 1.10 | 4.93 | 3.28 | 1.11 | 5.07 | 3.28 | 1.11 | 5.21 | 3.50 | 1.12 |
| | 25 | 3.56 | 2.72 | 1.20 | 3.96 | 2.74 | 1.22 | 4.10 | 2.98 | 1.22 | 4.37 | 2.99 | 1.23 | 4.50 | 3.23 | 1.24 | 4.77 | 3.22 | 1.25 | 4.91 | 3.21 | 1.26 | 5.04 | 3.43 | 1.27 |
| | 30 | 3.29 | 2.60 | 1.31 | 3.67 | 2.61 | 1.33 | 3.79 | 2.84 | 1.33 | 4.04 | 2.85 | 1.35 | 4.17 | 3.08 | 1.36 | 4.42 | 3.07 | 1.37 | 4.54 | 3.06 | 1.38 | 4.67 | 3.27 | 1.38 |
| | 35 | 3.56 | 2.72 | 1.62 | 3.96 | 2.74 | 1.65 | 4.10 | 2.98 | 1.65 | 4.37 | 2.99 | 1.67 | 4.50 | 3.23 | 1.68 | 4.77 | 3.22 | 1.70 | 4.91 | 3.21 | 1.71 | 5.04 | 3.42 | 1.71 |
| | 40 | 3.34 | 2.61 | 1.82 | 3.72 | 2.63 | 1.84 | 3.85 | 2.86 | 1.85 | 4.10 | 2.87 | 1.87 | 4.23 | 3.10 | 1.88 | 4.48 | 3.09 | 1.90 | 4.61 | 3.08 | 1.91 | 4.74 | 3.29 | 1.92 |
| | 46 | 2.93 | 2.28 | 1.87 | 3.26 | 2.30 | 1.90 | 3.37 | 2.50 | 1.91 | 3.59 | 2.51 | 1.93 | 3.70 | 2.71 | 1.94 | 3.92 | 2.70 | 1.96 | 4.04 | 2.69 | 1.97 | 4.15 | 2.87 | 1.98 |

Outdoor temperature

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)



OUTDOOR UNIT
AO∗G30L4

Note:3 or more indoor units should be connected.

## Indoor unit : 18000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 18 | 0 | 4.21 | 3.26 | 0.75 | 4.69 | 3.29 | 0.76 | 4.85 | 3.57 | 0.76 | 5.17 | 3.58 | 0.77 | 5.33 | 3.87 | 0.77 | 5.65 | 3.85 | 0.78 | 5.81 | 3.85 | 0.78 | 5.97 | 4.10 | 0.79 |
| | 5 | 3.95 | 3.15 | 0.86 | 4.40 | 3.17 | 0.87 | 4.55 | 3.44 | 0.88 | 4.85 | 3.46 | 0.89 | 5.00 | 3.73 | 0.89 | 5.30 | 3.72 | 0.90 | 5.45 | 3.71 | 0.90 | 5.60 | 3.96 | 0.91 |
| | 10 | 3.90 | 3.13 | 1.01 | 4.34 | 3.15 | 1.03 | 4.49 | 3.42 | 1.04 | 4.78 | 3.43 | 1.05 | 4.93 | 3.70 | 1.05 | 5.23 | 3.69 | 1.06 | 5.38 | 3.68 | 1.07 | 5.52 | 3.93 | 1.07 |
| | 15 | 4.12 | 3.16 | 1.04 | 4.59 | 3.18 | 1.06 | 4.75 | 3.46 | 1.07 | 5.06 | 3.47 | 1.08 | 5.22 | 3.74 | 1.08 | 5.53 | 3.73 | 1.09 | 5.69 | 3.72 | 1.10 | 5.85 | 3.97 | 1.10 |
| | 20 | 4.58 | 3.36 | 1.31 | 5.10 | 3.38 | 1.33 | 5.27 | 3.68 | 1.34 | 5.62 | 3.69 | 1.35 | 5.80 | 3.98 | 1.36 | 6.14 | 3.97 | 1.37 | 6.32 | 3.96 | 1.38 | 6.49 | 4.23 | 1.38 |
| | 25 | 4.42 | 3.29 | 1.28 | 4.92 | 3.31 | 1.30 | 5.09 | 3.60 | 1.31 | 5.43 | 3.61 | 1.32 | 5.59 | 3.90 | 1.33 | 5.93 | 3.89 | 1.34 | 6.10 | 3.88 | 1.35 | 6.27 | 4.14 | 1.35 |
| | 30 | 4.09 | 3.14 | 1.41 | 4.55 | 3.16 | 1.43 | 4.71 | 3.44 | 1.43 | 5.02 | 3.45 | 1.45 | 5.17 | 3.73 | 1.46 | 5.49 | 3.71 | 1.47 | 5.64 | 3.71 | 1.48 | 5.80 | 3.95 | 1.49 |
| | 35 | 4.74 | 3.43 | 2.12 | 5.28 | 3.46 | 2.16 | 5.46 | 3.75 | 2.17 | 5.82 | 3.77 | 2.19 | 6.00 | 4.07 | 2.20 | 6.36 | 4.05 | 2.22 | 6.54 | 4.05 | 2.23 | 6.72 | 4.32 | 2.24 |
| | 40 | 4.46 | 3.30 | 2.38 | 4.96 | 3.32 | 2.41 | 5.13 | 3.60 | 2.43 | 5.47 | 3.62 | 2.45 | 5.64 | 3.91 | 2.46 | 5.98 | 3.89 | 2.49 | 6.15 | 3.88 | 2.50 | 6.32 | 4.14 | 2.51 |
| | 46 | 3.39 | 2.74 | 1.87 | 3.78 | 2.76 | 1.90 | 3.91 | 3.00 | 1.91 | 4.17 | 3.01 | 1.93 | 4.30 | 3.25 | 1.94 | 4.55 | 3.24 | 1.96 | 4.68 | 3.23 | 1.97 | 4.81 | 3.45 | 1.98 |

Outdoor temperature

## ●Indoor unit : 24000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 24 | 0 | 4.83 | 3.77 | 1.08 | 5.38 | 3.80 | 1.10 | 5.57 | 4.13 | 1.11 | 5.94 | 4.14 | 1.12 | 6.12 | 4.47 | 1.12 | 6.49 | 4.46 | 1.13 | 6.67 | 4.45 | 1.14 | 6.85 | 4.74 | 1.15 |
| | 5 | 4.51 | 3.63 | 1.21 | 5.02 | 3.66 | 1.23 | 5.19 | 3.97 | 1.24 | 5.53 | 3.99 | 1.25 | 5.70 | 4.31 | 1.26 | 6.05 | 4.29 | 1.27 | 6.22 | 4.28 | 1.28 | 6.39 | 4.57 | 1.28 |
| | 10 | 4.54 | 3.65 | 1.42 | 5.05 | 3.67 | 1.44 | 5.23 | 3.99 | 1.44 | 5.57 | 4.00 | 1.46 | 5.74 | 4.32 | 1.47 | 6.09 | 4.31 | 1.48 | 6.26 | 4.30 | 1.49 | 6.43 | 4.59 | 1.50 |
| | 15 | 4.92 | 3.81 | 1.14 | 5.48 | 3.83 | 1.16 | 5.67 | 4.17 | 1.17 | 6.04 | 4.18 | 1.18 | 6.23 | 4.52 | 1.18 | 6.60 | 4.50 | 1.20 | 6.79 | 4.49 | 1.20 | 6.98 | 4.79 | 1.21 |
| | 20 | 6.30 | 4.40 | 1.67 | 7.02 | 4.42 | 1.69 | 7.26 | 4.81 | 1.70 | 7.74 | 4.83 | 1.72 | 7.97 | 5.21 | 1.73 | 8.45 | 5.19 | 1.75 | 8.69 | 5.18 | 1.76 | 8.93 | 5.53 | 1.76 |
| | 25 | 6.04 | 4.29 | 1.92 | 6.73 | 4.31 | 1.95 | 6.96 | 4.69 | 1.96 | 7.42 | 4.71 | 1.98 | 7.65 | 5.08 | 1.99 | 8.11 | 5.06 | 2.01 | 8.34 | 5.05 | 2.02 | 8.57 | 5.39 | 2.03 |
| | 30 | 5.59 | 4.10 | 2.09 | 6.23 | 4.12 | 2.12 | 6.44 | 4.48 | 2.13 | 6.87 | 4.50 | 2.16 | 7.08 | 4.85 | 2.17 | 7.50 | 4.84 | 2.19 | 7.72 | 4.83 | 2.20 | 7.93 | 5.15 | 2.21 |
| | 35 | 5.85 | 4.20 | 2.76 | 6.51 | 4.23 | 2.80 | 6.73 | 4.60 | 2.82 | 7.18 | 4.61 | 2.85 | 7.40 | 4.98 | 2.86 | 7.84 | 4.96 | 2.89 | 8.07 | 4.95 | 2.90 | 8.29 | 5.28 | 2.92 |
| | 40 | 4.92 | 3.81 | 2.52 | 5.48 | 3.84 | 2.56 | 5.67 | 4.17 | 2.57 | 6.04 | 4.19 | 2.60 | 6.23 | 4.52 | 2.61 | 6.60 | 4.50 | 2.64 | 6.79 | 4.50 | 2.65 | 6.97 | 4.80 | 2.66 |
| | 46 | 4.10 | 3.43 | 2.26 | 4.56 | 3.45 | 2.29 | 4.72 | 3.75 | 2.30 | 5.03 | 3.76 | 2.33 | 5.18 | 4.06 | 2.34 | 5.50 | 4.05 | 2.36 | 5.65 | 4.04 | 2.38 | 5.81 | 4.31 | 2.39 |

Outdoor temperature

## ●Indoor unit : 7000Btu + 7000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+7 | 0 | 4.45 | 3.23 | 0.69 | 4.95 | 3.25 | 0.70 | 5.12 | 3.54 | 0.71 | 5.46 | 3.55 | 0.71 | 5.63 | 3.83 | 0.72 | 5.97 | 3.82 | 0.73 | 6.14 | 3.81 | 0.73 | 6.31 | 4.07 | 0.73 |
| | 5 | 4.20 | 3.11 | 0.81 | 4.68 | 3.13 | 0.83 | 4.84 | 3.41 | 0.83 | 5.16 | 3.42 | 0.84 | 5.32 | 3.69 | 0.84 | 5.64 | 3.68 | 0.85 | 5.80 | 3.67 | 0.86 | 5.96 | 3.92 | 0.86 |
| | 10 | 4.08 | 3.05 | 0.97 | 4.54 | 3.07 | 0.99 | 4.69 | 3.34 | 0.99 | 5.00 | 3.35 | 1.00 | 5.16 | 3.62 | 1.01 | 5.47 | 3.61 | 1.02 | 5.62 | 3.60 | 1.02 | 5.78 | 3.84 | 1.03 |
| | 15 | 4.00 | 3.02 | 0.98 | 4.46 | 3.04 | 0.99 | 4.61 | 3.30 | 1.00 | 4.91 | 3.31 | 1.01 | 5.07 | 3.58 | 1.01 | 5.37 | 3.56 | 1.02 | 5.52 | 3.56 | 1.03 | 5.67 | 3.79 | 1.03 |
| | 20 | 4.18 | 3.10 | 1.09 | 4.66 | 3.12 | 1.11 | 4.82 | 3.39 | 1.12 | 5.13 | 3.41 | 1.13 | 5.29 | 3.68 | 1.13 | 5.61 | 3.67 | 1.14 | 5.77 | 3.66 | 1.15 | 5.93 | 3.90 | 1.16 |
| | 25 | 4.05 | 3.04 | 1.23 | 4.51 | 3.06 | 1.25 | 4.66 | 3.32 | 1.26 | 4.97 | 3.34 | 1.27 | 5.12 | 3.60 | 1.28 | 5.43 | 3.59 | 1.29 | 5.58 | 3.58 | 1.30 | 5.74 | 3.82 | 1.31 |
| | 30 | 3.74 | 2.89 | 1.35 | 4.17 | 2.91 | 1.37 | 4.31 | 3.16 | 1.38 | 4.60 | 3.18 | 1.39 | 4.74 | 3.43 | 1.40 | 5.02 | 3.42 | 1.41 | 5.17 | 3.41 | 1.42 | 5.31 | 3.64 | 1.43 |
| | 35 | 4.11 | 3.16 | 1.56 | 4.58 | 3.18 | 1.59 | 4.73 | 3.46 | 1.60 | 5.04 | 3.47 | 1.61 | 5.20 | 3.75 | 1.62 | 5.51 | 3.74 | 1.64 | 5.67 | 3.73 | 1.64 | 5.82 | 3.98 | 1.65 |
| | 40 | 4.02 | 3.03 | 1.76 | 4.48 | 3.05 | 1.78 | 4.63 | 3.31 | 1.79 | 4.94 | 3.33 | 1.81 | 5.09 | 3.59 | 1.82 | 5.40 | 3.58 | 1.84 | 5.55 | 3.57 | 1.85 | 5.70 | 3.81 | 1.86 |
| | 46 | 3.52 | 2.81 | 1.87 | 3.93 | 2.83 | 1.90 | 4.06 | 3.08 | 1.91 | 4.33 | 3.09 | 1.93 | 4.46 | 3.33 | 1.94 | 4.73 | 3.32 | 1.96 | 4.86 | 3.32 | 1.97 | 5.00 | 3.54 | 1.98 |

Outdoor temperature

## ●Indoor unit : 7000Btu + 9000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+9 | 0 | 4.48 | 3.47 | 0.71 | 4.99 | 3.49 | 0.72 | 5.16 | 3.79 | 0.72 | 5.50 | 3.81 | 0.73 | 5.67 | 4.11 | 0.73 | 6.01 | 4.10 | 0.74 | 6.18 | 4.09 | 0.75 | 6.35 | 4.36 | 0.75 |
| | 5 | 4.21 | 3.35 | 0.82 | 4.69 | 3.37 | 0.84 | 4.85 | 3.66 | 0.84 | 5.17 | 3.68 | 0.85 | 5.33 | 3.97 | 0.85 | 5.65 | 3.96 | 0.86 | 5.81 | 3.95 | 0.87 | 5.97 | 4.21 | 0.87 |
| | 10 | 4.12 | 3.31 | 0.98 | 4.59 | 3.33 | 0.99 | 4.75 | 3.62 | 1.00 | 5.06 | 3.63 | 1.01 | 5.22 | 3.92 | 1.01 | 5.53 | 3.91 | 1.02 | 5.69 | 3.90 | 1.03 | 5.85 | 4.16 | 1.03 |
| | 15 | 4.08 | 3.29 | 0.94 | 4.55 | 3.31 | 0.96 | 4.70 | 3.60 | 0.96 | 5.01 | 3.61 | 0.97 | 5.17 | 3.90 | 0.98 | 5.48 | 3.89 | 0.99 | 5.63 | 3.88 | 0.99 | 5.79 | 4.14 | 1.00 |
| | 20 | 4.71 | 3.58 | 1.20 | 5.25 | 3.60 | 1.22 | 5.43 | 3.91 | 1.22 | 5.78 | 3.93 | 1.23 | 5.96 | 4.24 | 1.24 | 6.32 | 4.22 | 1.25 | 6.50 | 4.21 | 1.26 | 6.68 | 4.50 | 1.27 |
| | 25 | 4.55 | 3.50 | 1.16 | 5.07 | 3.53 | 1.18 | 5.25 | 3.83 | 1.19 | 5.59 | 3.85 | 1.20 | 5.76 | 4.15 | 1.21 | 6.11 | 4.14 | 1.22 | 6.28 | 4.13 | 1.22 | 6.46 | 4.41 | 1.23 |
| | 30 | 4.21 | 3.35 | 1.28 | 4.69 | 3.37 | 1.30 | 4.85 | 3.66 | 1.31 | 5.17 | 3.68 | 1.32 | 5.33 | 3.97 | 1.33 | 5.65 | 3.96 | 1.34 | 5.81 | 3.95 | 1.35 | 5.97 | 4.21 | 1.35 |
| | 35 | 4.74 | 3.46 | 2.08 | 5.28 | 3.48 | 2.12 | 5.46 | 3.78 | 2.13 | 5.82 | 3.80 | 2.15 | 6.00 | 4.10 | 2.16 | 6.36 | 4.08 | 2.18 | 6.54 | 4.08 | 2.19 | 6.72 | 4.35 | 2.20 |
| | 40 | 4.60 | 3.18 | 2.33 | 5.12 | 3.20 | 2.37 | 5.30 | 3.48 | 2.38 | 5.65 | 3.49 | 2.41 | 5.82 | 3.77 | 2.42 | 6.17 | 3.75 | 2.44 | 6.34 | 3.75 | 2.46 | 6.52 | 4.00 | 2.47 |
| | 46 | 3.59 | 2.95 | 1.87 | 4.00 | 2.97 | 1.90 | 4.13 | 3.23 | 1.91 | 4.41 | 3.24 | 1.93 | 4.54 | 3.50 | 1.94 | 4.81 | 3.48 | 1.96 | 4.95 | 3.48 | 1.97 | 5.09 | 3.71 | 1.98 |

Outdoor temperature

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO∗G30L4

Note: 3 or more indoor units should be connected.

## ●Indoor unit : 7000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+12 | 0 | 4.58 | 3.50 | 0.84 | 5.11 | 3.52 | 0.86 | 5.28 | 3.83 | 0.86 | 5.63 | 3.84 | 0.87 | 5.80 | 4.15 | 0.88 | 6.15 | 4.14 | 0.88 | 6.33 | 4.13 | 0.89 | 6.50 | 4.40 | 0.89 |
| | 5 | 4.29 | 3.37 | 0.97 | 4.78 | 3.39 | 0.98 | 4.94 | 3.68 | 0.99 | 5.27 | 3.70 | 1.00 | 5.43 | 3.99 | 1.00 | 5.76 | 3.98 | 1.01 | 5.92 | 3.97 | 1.02 | 6.08 | 4.24 | 1.02 |
| | 10 | 4.25 | 3.35 | 1.14 | 4.74 | 3.37 | 1.16 | 4.90 | 3.67 | 1.16 | 5.22 | 3.68 | 1.18 | 5.38 | 3.97 | 1.18 | 5.71 | 3.96 | 1.19 | 5.87 | 3.95 | 1.20 | 6.03 | 4.21 | 1.21 |
| | 15 | 4.26 | 3.35 | 1.03 | 4.74 | 3.37 | 1.05 | 4.90 | 3.67 | 1.05 | 5.22 | 3.68 | 1.06 | 5.39 | 3.97 | 1.07 | 5.71 | 3.96 | 1.08 | 5.87 | 3.95 | 1.08 | 6.03 | 4.22 | 1.09 |
| | 20 | 4.73 | 3.57 | 1.31 | 5.27 | 3.59 | 1.33 | 5.45 | 3.90 | 1.34 | 5.81 | 3.92 | 1.35 | 5.99 | 4.23 | 1.36 | 6.35 | 4.21 | 1.37 | 6.53 | 4.21 | 1.38 | 6.71 | 4.49 | 1.39 |
| | 25 | 4.56 | 3.49 | 1.29 | 5.08 | 3.51 | 1.31 | 5.25 | 3.82 | 1.31 | 5.60 | 3.83 | 1.33 | 5.77 | 4.14 | 1.33 | 6.12 | 4.12 | 1.35 | 6.29 | 4.12 | 1.35 | 6.47 | 4.39 | 1.36 |
| | 30 | 4.22 | 3.34 | 1.41 | 4.70 | 3.36 | 1.43 | 4.86 | 3.65 | 1.44 | 5.18 | 3.66 | 1.46 | 5.34 | 3.95 | 1.46 | 5.66 | 3.94 | 1.48 | 5.82 | 3.93 | 1.48 | 5.98 | 4.20 | 1.49 |
| | 35 | 4.90 | 3.64 | 2.12 | 5.46 | 3.67 | 2.16 | 5.64 | 3.99 | 2.17 | 6.01 | 4.00 | 2.19 | 6.20 | 4.32 | 2.20 | 6.57 | 4.30 | 2.22 | 6.76 | 4.30 | 2.23 | 6.94 | 4.58 | 2.24 |
| | 40 | 4.60 | 3.50 | 2.55 | 5.13 | 3.52 | 2.59 | 5.30 | 3.83 | 2.60 | 5.65 | 3.84 | 2.63 | 5.83 | 4.15 | 2.64 | 6.18 | 4.13 | 2.67 | 6.35 | 4.12 | 2.68 | 6.53 | 4.40 | 2.69 |
| | 46 | 3.68 | 3.16 | 1.90 | 4.10 | 3.18 | 1.93 | 4.24 | 3.45 | 1.94 | 4.52 | 3.47 | 1.96 | 4.66 | 3.74 | 1.97 | 4.94 | 3.73 | 1.99 | 5.08 | 3.72 | 2.00 | 5.22 | 3.97 | 2.01 |

Outdoor temperature

## ●Indoor unit : 7000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+14 | 0 | 4.62 | 3.87 | 0.88 | 5.15 | 3.90 | 0.90 | 5.32 | 4.24 | 0.90 | 5.67 | 4.25 | 0.91 | 5.85 | 4.59 | 0.92 | 6.20 | 4.57 | 0.93 | 6.37 | 4.57 | 0.93 | 6.55 | 4.87 | 0.93 |
| | 5 | 4.31 | 3.73 | 1.00 | 4.81 | 3.76 | 1.02 | 4.97 | 4.08 | 1.02 | 5.30 | 4.10 | 1.03 | 5.46 | 4.42 | 1.04 | 5.79 | 4.41 | 1.05 | 5.95 | 4.40 | 1.06 | 6.12 | 4.69 | 1.06 |
| | 10 | 4.31 | 3.73 | 1.18 | 4.80 | 3.75 | 1.20 | 4.96 | 4.08 | 1.20 | 5.29 | 4.09 | 1.21 | 5.45 | 4.42 | 1.22 | 5.78 | 4.40 | 1.23 | 5.94 | 4.39 | 1.24 | 6.10 | 4.69 | 1.24 |
| | 15 | 4.78 | 3.95 | 1.12 | 5.32 | 3.97 | 1.14 | 5.50 | 4.32 | 1.15 | 5.87 | 4.33 | 1.16 | 6.05 | 4.68 | 1.16 | 6.41 | 4.66 | 1.17 | 6.59 | 4.65 | 1.18 | 6.77 | 4.96 | 1.19 |
| | 20 | 6.09 | 4.56 | 1.47 | 6.79 | 4.59 | 1.49 | 7.02 | 4.98 | 1.50 | 7.48 | 5.00 | 1.51 | 7.71 | 5.40 | 1.52 | 8.17 | 5.38 | 1.54 | 8.40 | 5.37 | 1.54 | 8.64 | 5.73 | 1.55 |
| | 25 | 5.86 | 4.45 | 1.66 | 6.53 | 4.48 | 1.69 | 6.75 | 4.87 | 1.70 | 7.20 | 4.89 | 1.72 | 7.42 | 5.28 | 1.72 | 7.87 | 5.26 | 1.74 | 8.09 | 5.25 | 1.75 | 8.31 | 5.60 | 1.76 |
| | 30 | 5.42 | 4.25 | 1.82 | 6.04 | 4.27 | 1.85 | 6.25 | 4.65 | 1.86 | 6.66 | 4.66 | 1.88 | 6.87 | 5.03 | 1.89 | 7.28 | 5.02 | 1.90 | 7.48 | 5.01 | 1.91 | 7.69 | 5.34 | 1.92 |
| | 35 | 5.61 | 4.33 | 2.41 | 6.25 | 4.36 | 2.45 | 6.46 | 4.74 | 2.46 | 6.89 | 4.76 | 2.49 | 7.10 | 5.14 | 2.50 | 7.53 | 5.12 | 2.53 | 7.74 | 5.11 | 2.54 | 7.95 | 5.45 | 2.55 |
| | 40 | 5.05 | 4.07 | 2.65 | 5.63 | 4.09 | 2.70 | 5.82 | 4.45 | 2.71 | 6.21 | 4.47 | 2.74 | 6.40 | 4.82 | 2.75 | 6.78 | 4.80 | 2.78 | 6.97 | 4.79 | 2.79 | 7.17 | 5.11 | 2.81 |
| | 46 | 3.75 | 3.30 | 2.13 | 4.17 | 3.32 | 2.17 | 4.32 | 3.60 | 2.18 | 4.60 | 3.62 | 2.20 | 4.74 | 3.91 | 2.21 | 5.03 | 3.89 | 2.23 | 5.17 | 3.88 | 2.24 | 5.31 | 4.14 | 2.25 |

Outdoor temperature

## ●Indoor unit : 7000Btu + 18000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+18 | 0 | 5.70 | 4.55 | 1.17 | 6.34 | 4.58 | 1.19 | 6.56 | 4.98 | 1.20 | 6.99 | 5.00 | 1.21 | 7.21 | 5.40 | 1.21 | 7.64 | 5.38 | 1.23 | 7.86 | 5.37 | 1.23 | 8.07 | 5.73 | 1.24 |
| | 5 | 5.31 | 4.38 | 1.31 | 5.91 | 4.41 | 1.33 | 6.11 | 4.79 | 1.34 | 6.52 | 4.81 | 1.35 | 6.72 | 5.19 | 1.36 | 7.12 | 5.18 | 1.37 | 7.32 | 5.17 | 1.38 | 7.53 | 5.51 | 1.38 |
| | 10 | 5.36 | 4.40 | 1.52 | 5.97 | 4.43 | 1.55 | 6.17 | 4.82 | 1.55 | 6.58 | 4.84 | 1.57 | 6.78 | 5.22 | 1.58 | 7.19 | 5.20 | 1.59 | 7.39 | 5.19 | 1.60 | 7.60 | 5.54 | 1.61 |
| | 15 | 6.86 | 5.07 | 1.45 | 7.64 | 5.10 | 1.48 | 7.91 | 5.55 | 1.48 | 8.43 | 5.57 | 1.50 | 8.69 | 6.01 | 1.51 | 9.21 | 5.99 | 1.52 | 9.47 | 5.98 | 1.53 | 9.73 | 6.38 | 1.54 |
| | 20 | 6.98 | 5.12 | 1.66 | 7.78 | 5.16 | 1.69 | 8.04 | 5.60 | 1.70 | 8.57 | 5.63 | 1.72 | 8.84 | 6.07 | 1.72 | 9.37 | 6.05 | 1.74 | 9.63 | 6.04 | 1.75 | 9.90 | 6.44 | 1.76 |
| | 25 | 6.69 | 4.99 | 1.92 | 7.45 | 5.03 | 1.95 | 7.70 | 5.46 | 1.96 | 8.21 | 5.48 | 1.98 | 8.47 | 5.92 | 1.99 | 8.97 | 5.90 | 2.01 | 9.23 | 5.89 | 2.02 | 9.48 | 6.28 | 2.03 |
| | 30 | 6.19 | 4.77 | 2.09 | 6.90 | 4.80 | 2.13 | 7.13 | 5.22 | 2.14 | 7.60 | 5.24 | 2.16 | 7.84 | 5.66 | 2.17 | 8.31 | 5.64 | 2.19 | 8.54 | 5.63 | 2.20 | 8.78 | 6.00 | 2.21 |
| | 35 | 6.48 | 4.90 | 2.75 | 7.22 | 4.93 | 2.79 | 7.46 | 5.36 | 2.81 | 7.95 | 5.38 | 2.84 | 8.20 | 5.81 | 2.85 | 8.69 | 5.79 | 2.88 | 8.94 | 5.78 | 2.89 | 9.18 | 6.16 | 2.91 |
| | 40 | 5.51 | 4.40 | 3.16 | 6.14 | 4.43 | 3.20 | 6.35 | 4.81 | 3.22 | 6.77 | 4.83 | 3.25 | 6.98 | 5.21 | 3.27 | 7.40 | 5.19 | 3.30 | 7.61 | 5.18 | 3.32 | 7.82 | 5.53 | 3.34 |
| | 46 | 3.87 | 3.57 | 2.26 | 4.32 | 3.59 | 2.29 | 4.46 | 3.91 | 2.30 | 4.76 | 3.92 | 2.33 | 4.90 | 4.23 | 2.34 | 5.20 | 4.22 | 2.36 | 5.34 | 4.21 | 2.38 | 5.49 | 4.49 | 2.39 |

Outdoor temperature

## ●Indoor unit : 7000Btu + 24000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+24 | 0 | 6.99 | 5.37 | 1.79 | 7.78 | 5.41 | 1.82 | 8.05 | 5.88 | 1.82 | 8.58 | 5.90 | 1.84 | 8.84 | 6.37 | 1.85 | 9.37 | 6.35 | 1.87 | 9.64 | 6.33 | 1.88 | 9.91 | 6.76 | 1.89 |
| | 5 | 6.54 | 5.18 | 1.95 | 7.28 | 5.22 | 1.98 | 7.53 | 5.67 | 1.99 | 8.03 | 5.69 | 2.01 | 8.28 | 6.14 | 2.02 | 8.77 | 6.12 | 2.05 | 9.02 | 6.11 | 2.06 | 9.27 | 6.52 | 2.07 |
| | 10 | 6.66 | 5.23 | 1.62 | 7.42 | 5.27 | 1.64 | 7.67 | 5.72 | 1.65 | 8.18 | 5.75 | 1.67 | 8.43 | 6.20 | 1.68 | 8.93 | 6.18 | 1.69 | 9.19 | 6.17 | 1.70 | 9.44 | 6.58 | 1.71 |
| | 15 | 7.28 | 5.50 | 1.86 | 8.11 | 5.53 | 1.89 | 8.38 | 6.01 | 1.89 | 8.94 | 6.04 | 1.91 | 9.21 | 6.51 | 1.92 | 9.77 | 6.49 | 1.94 | 10.04 | 6.48 | 1.95 | 10.32 | 6.91 | 1.96 |
| | 20 | 7.92 | 5.77 | 2.10 | 8.82 | 5.81 | 2.13 | 9.13 | 6.31 | 2.14 | 9.73 | 6.33 | 2.16 | 10.03 | 6.84 | 2.18 | 10.63 | 6.81 | 2.20 | 10.93 | 6.80 | 2.21 | 11.23 | 7.26 | 2.22 |
| | 25 | 7.52 | 5.60 | 2.48 | 8.37 | 5.63 | 2.52 | 8.66 | 6.12 | 2.54 | 9.23 | 6.15 | 2.56 | 9.52 | 6.63 | 2.57 | 10.09 | 6.61 | 2.60 | 10.37 | 6.60 | 2.61 | 10.66 | 7.04 | 2.63 |
| | 30 | 6.98 | 5.37 | 2.69 | 7.77 | 5.40 | 2.73 | 8.04 | 5.87 | 2.75 | 8.57 | 5.89 | 2.78 | 8.83 | 6.36 | 2.79 | 9.36 | 6.34 | 2.82 | 9.63 | 6.33 | 2.83 | 9.89 | 6.75 | 2.85 |
| | 35 | 7.35 | 5.53 | 3.45 | 8.18 | 5.56 | 3.51 | 8.46 | 6.04 | 3.53 | 9.02 | 6.07 | 3.58 | 9.30 | 6.55 | 3.58 | 9.86 | 6.53 | 3.58 | 10.14 | 6.51 | 3.58 | 10.42 | 6.95 | 3.58 |
| | 40 | 5.97 | 4.86 | 3.16 | 6.65 | 4.89 | 3.20 | 6.87 | 5.32 | 3.22 | 7.32 | 5.34 | 3.25 | 7.55 | 5.76 | 3.27 | 8.00 | 5.74 | 3.30 | 8.23 | 5.73 | 3.32 | 8.46 | 6.11 | 3.34 |
| | 46 | 4.06 | 3.98 | 2.26 | 4.53 | 4.01 | 2.29 | 4.68 | 4.36 | 2.30 | 4.99 | 4.37 | 2.33 | 5.14 | 4.72 | 2.34 | 5.45 | 4.71 | 2.36 | 5.61 | 4.70 | 2.38 | 5.76 | 5.01 | 2.39 |

Outdoor temperature

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

Note: 3 or more indoor units should be connected.

## ● Indoor unit : 9000Btu + 9000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 9+9 | 0 | 4.06 | 3.23 | 0.76 | 4.53 | 3.25 | 0.77 | 4.68 | 3.53 | 0.77 | 4.99 | 3.55 | 0.78 | 5.14 | 3.83 | 0.78 | 5.45 | 3.82 | 0.79 | 5.61 | 3.81 | 0.80 | 5.76 | 4.06 | 0.80 |
| | 5 | 3.81 | 3.12 | 0.87 | 4.24 | 3.14 | 0.88 | 4.39 | 3.41 | 0.89 | 4.68 | 3.42 | 0.90 | 4.82 | 3.69 | 0.90 | 5.11 | 3.68 | 0.91 | 5.26 | 3.67 | 0.92 | 5.40 | 3.92 | 0.92 |
| | 10 | 3.76 | 3.09 | 1.03 | 4.19 | 3.11 | 1.04 | 4.33 | 3.38 | 1.05 | 4.62 | 3.40 | 1.06 | 4.76 | 3.67 | 1.07 | 5.05 | 3.65 | 1.08 | 5.19 | 3.65 | 1.08 | 5.33 | 3.89 | 1.09 |
| | 15 | 4.18 | 3.28 | 1.06 | 4.65 | 3.31 | 1.07 | 4.81 | 3.59 | 1.08 | 5.13 | 3.61 | 1.09 | 5.29 | 3.89 | 1.10 | 5.61 | 3.88 | 1.11 | 5.77 | 3.87 | 1.11 | 5.92 | 4.13 | 1.12 |
| | 20 | 4.64 | 3.49 | 1.33 | 5.17 | 3.52 | 1.35 | 5.34 | 3.82 | 1.36 | 5.70 | 3.84 | 1.37 | 5.87 | 4.14 | 1.38 | 6.23 | 4.13 | 1.39 | 6.40 | 4.12 | 1.40 | 6.58 | 4.39 | 1.40 |
| | 25 | 4.48 | 3.42 | 1.30 | 4.99 | 3.44 | 1.32 | 5.16 | 3.74 | 1.33 | 5.50 | 3.76 | 1.34 | 5.67 | 4.05 | 1.35 | 6.01 | 4.04 | 1.36 | 6.18 | 4.03 | 1.37 | 6.35 | 4.30 | 1.37 |
| | 30 | 4.36 | 3.44 | 1.42 | 4.86 | 3.46 | 1.45 | 5.02 | 3.76 | 1.45 | 5.35 | 3.78 | 1.47 | 5.52 | 4.08 | 1.48 | 5.85 | 4.06 | 1.49 | 6.02 | 4.05 | 1.50 | 6.18 | 4.33 | 1.51 |
| | 35 | 5.06 | 3.76 | 2.15 | 5.63 | 3.78 | 2.19 | 5.82 | 4.11 | 2.20 | 6.21 | 4.12 | 2.22 | 6.40 | 4.45 | 2.23 | 6.78 | 4.44 | 2.25 | 6.98 | 4.43 | 2.26 | 7.17 | 4.72 | 2.27 |
| | 40 | 4.78 | 3.61 | 2.41 | 5.33 | 3.63 | 2.45 | 5.51 | 3.94 | 2.46 | 5.87 | 3.96 | 2.49 | 6.05 | 4.27 | 2.50 | 6.41 | 4.26 | 2.52 | 6.60 | 4.25 | 2.54 | 6.78 | 4.54 | 2.55 |
| | 46 | 3.65 | 3.09 | 2.26 | 4.07 | 3.11 | 2.29 | 4.21 | 3.38 | 2.30 | 4.48 | 3.39 | 2.33 | 4.62 | 3.66 | 2.34 | 4.90 | 3.65 | 2.36 | 5.04 | 3.64 | 2.38 | 5.18 | 3.88 | 2.39 |

Outdoor temperature

## ● Indoor unit : 9000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 9+12 | 0 | 4.65 | 3.72 | 0.88 | 5.17 | 3.75 | 0.90 | 5.35 | 4.07 | 0.90 | 5.70 | 4.09 | 0.91 | 5.88 | 4.41 | 0.92 | 6.23 | 4.40 | 0.93 | 6.41 | 4.39 | 0.93 | 6.59 | 4.68 | 0.93 |
| | 5 | 4.34 | 3.59 | 1.00 | 4.83 | 3.61 | 1.02 | 5.00 | 3.92 | 1.02 | 5.33 | 3.94 | 1.03 | 5.49 | 4.25 | 1.04 | 5.82 | 4.23 | 1.05 | 5.99 | 4.23 | 1.06 | 6.15 | 4.51 | 1.06 |
| | 10 | 4.33 | 3.58 | 1.18 | 4.82 | 3.61 | 1.20 | 4.99 | 3.92 | 1.20 | 5.32 | 3.93 | 1.21 | 5.48 | 4.25 | 1.22 | 5.81 | 4.23 | 1.23 | 5.97 | 4.22 | 1.24 | 6.14 | 4.50 | 1.24 |
| | 15 | 4.58 | 3.61 | 1.12 | 5.10 | 3.64 | 1.14 | 5.27 | 3.95 | 1.15 | 5.62 | 3.97 | 1.16 | 5.79 | 4.28 | 1.16 | 6.14 | 4.27 | 1.17 | 6.31 | 4.26 | 1.18 | 6.49 | 4.54 | 1.19 |
| | 20 | 5.83 | 4.17 | 1.47 | 6.50 | 4.20 | 1.49 | 6.72 | 4.56 | 1.50 | 7.16 | 4.58 | 1.51 | 7.39 | 4.94 | 1.52 | 7.83 | 4.93 | 1.54 | 8.05 | 4.92 | 1.54 | 8.27 | 5.24 | 1.55 |
| | 25 | 5.62 | 4.07 | 1.66 | 6.26 | 4.10 | 1.69 | 6.47 | 4.46 | 1.70 | 6.90 | 4.47 | 1.72 | 7.11 | 4.83 | 1.72 | 7.54 | 4.81 | 1.74 | 7.75 | 4.80 | 1.75 | 7.96 | 5.12 | 1.76 |
| | 30 | 5.19 | 3.89 | 1.82 | 5.79 | 3.91 | 1.85 | 5.98 | 4.25 | 1.86 | 6.38 | 4.27 | 1.88 | 6.58 | 4.61 | 1.89 | 6.97 | 4.59 | 1.90 | 7.17 | 4.58 | 1.91 | 7.36 | 4.89 | 1.92 |
| | 35 | 5.37 | 3.97 | 2.41 | 5.98 | 3.99 | 2.45 | 6.19 | 4.34 | 2.46 | 6.60 | 4.35 | 2.49 | 6.80 | 4.70 | 2.50 | 7.21 | 4.68 | 2.53 | 7.41 | 4.67 | 2.54 | 7.62 | 4.99 | 2.55 |
| | 40 | 5.05 | 3.72 | 2.71 | 5.63 | 3.75 | 2.75 | 5.82 | 4.07 | 2.77 | 6.21 | 4.09 | 2.80 | 6.40 | 4.41 | 2.81 | 6.78 | 4.40 | 2.84 | 6.97 | 4.39 | 2.85 | 7.17 | 4.68 | 2.87 |
| | 46 | 3.75 | 3.30 | 2.26 | 4.17 | 3.32 | 2.29 | 4.32 | 3.60 | 2.30 | 4.60 | 3.62 | 2.33 | 4.74 | 3.91 | 2.34 | 5.03 | 3.89 | 2.36 | 5.17 | 3.88 | 2.38 | 5.31 | 4.14 | 2.39 |

Outdoor temperature

## ● Indoor unit : 9000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 9+14 | 0 | 5.38 | 4.45 | 1.08 | 6.00 | 4.48 | 1.10 | 6.20 | 4.86 | 1.10 | 6.61 | 4.88 | 1.12 | 6.82 | 5.27 | 1.12 | 7.22 | 5.25 | 1.13 | 7.43 | 5.24 | 1.14 | 7.63 | 5.59 | 1.14 |
| | 5 | 5.02 | 4.28 | 1.22 | 5.59 | 4.31 | 1.24 | 5.78 | 4.68 | 1.24 | 6.16 | 4.70 | 1.26 | 6.36 | 5.08 | 1.26 | 6.74 | 5.06 | 1.28 | 6.93 | 5.05 | 1.28 | 7.12 | 5.39 | 1.29 |
| | 10 | 5.04 | 4.29 | 1.42 | 5.62 | 4.32 | 1.45 | 5.81 | 4.69 | 1.45 | 6.19 | 4.71 | 1.47 | 6.38 | 5.09 | 1.47 | 6.77 | 5.07 | 1.49 | 6.96 | 5.06 | 1.50 | 7.15 | 5.40 | 1.50 |
| | 15 | 5.20 | 4.27 | 1.26 | 5.79 | 4.29 | 1.28 | 5.99 | 4.67 | 1.29 | 6.38 | 4.69 | 1.30 | 6.58 | 5.06 | 1.30 | 6.97 | 5.04 | 1.32 | 7.17 | 5.03 | 1.32 | 7.37 | 5.37 | 1.33 |
| | 20 | 6.21 | 4.73 | 1.58 | 6.92 | 4.76 | 1.61 | 7.16 | 5.17 | 1.61 | 7.63 | 5.19 | 1.63 | 7.86 | 5.60 | 1.64 | 8.34 | 5.58 | 1.66 | 8.57 | 5.57 | 1.66 | 8.81 | 5.95 | 1.67 |
| | 25 | 5.97 | 4.62 | 1.81 | 6.65 | 4.65 | 1.84 | 6.87 | 5.05 | 1.85 | 7.33 | 5.07 | 1.87 | 7.55 | 5.47 | 1.88 | 8.01 | 5.45 | 1.89 | 8.23 | 5.44 | 1.90 | 8.46 | 5.81 | 1.91 |
| | 30 | 5.52 | 4.41 | 1.98 | 6.15 | 4.44 | 2.01 | 6.36 | 4.83 | 2.02 | 6.78 | 4.85 | 2.04 | 6.99 | 5.23 | 2.05 | 7.41 | 5.21 | 2.07 | 7.62 | 5.20 | 2.08 | 7.83 | 5.55 | 2.09 |
| | 35 | 6.16 | 4.71 | 2.80 | 6.86 | 4.74 | 2.84 | 7.10 | 5.15 | 2.86 | 7.57 | 5.17 | 2.89 | 7.80 | 5.58 | 2.90 | 8.27 | 5.56 | 2.93 | 8.50 | 5.55 | 2.94 | 8.74 | 5.92 | 2.96 |
| | 40 | 5.38 | 4.32 | 2.89 | 5.99 | 4.35 | 2.93 | 6.20 | 4.72 | 2.95 | 6.61 | 4.74 | 2.98 | 6.81 | 5.12 | 2.99 | 7.22 | 5.10 | 3.02 | 7.42 | 5.09 | 3.03 | 7.63 | 5.43 | 3.05 |
| | 46 | 3.81 | 3.43 | 2.26 | 4.24 | 3.45 | 2.29 | 4.39 | 3.75 | 2.30 | 4.68 | 3.77 | 2.33 | 4.82 | 4.07 | 2.34 | 5.11 | 4.05 | 2.36 | 5.26 | 4.05 | 2.38 | 5.40 | 4.32 | 2.39 |

Outdoor temperature

## ● Indoor unit : 9000Btu + 18000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 9+18 | 0 | 5.43 | 4.55 | 1.25 | 6.05 | 4.58 | 1.27 | 6.25 | 4.97 | 1.28 | 6.67 | 4.99 | 1.29 | 6.87 | 5.39 | 1.30 | 7.29 | 5.37 | 1.31 | 7.49 | 5.36 | 1.31 | 7.70 | 5.72 | 1.32 |
| | 5 | 5.06 | 4.39 | 1.39 | 5.64 | 4.42 | 1.41 | 5.83 | 4.80 | 1.41 | 6.22 | 4.82 | 1.43 | 6.41 | 5.20 | 1.44 | 6.79 | 5.18 | 1.45 | 6.98 | 5.17 | 1.46 | 7.18 | 5.52 | 1.46 |
| | 10 | 5.13 | 4.42 | 1.10 | 5.72 | 4.45 | 1.12 | 5.91 | 4.83 | 1.12 | 6.30 | 4.85 | 1.13 | 6.49 | 5.23 | 1.14 | 6.88 | 5.22 | 1.15 | 7.08 | 5.21 | 1.16 | 7.27 | 5.55 | 1.16 |
| | 15 | 6.59 | 5.05 | 1.54 | 7.34 | 5.09 | 1.57 | 7.59 | 5.53 | 1.58 | 8.10 | 5.55 | 1.59 | 8.35 | 5.99 | 1.60 | 8.85 | 5.97 | 1.62 | 9.10 | 5.96 | 1.62 | 9.35 | 6.36 | 1.63 |
| | 20 | 7.06 | 5.26 | 1.81 | 7.86 | 5.29 | 1.84 | 8.13 | 5.75 | 1.85 | 8.67 | 5.77 | 1.87 | 8.93 | 6.23 | 1.88 | 9.47 | 6.21 | 1.90 | 9.74 | 6.20 | 1.90 | 10.01 | 6.61 | 1.91 |
| | 25 | 6.74 | 5.12 | 2.11 | 7.51 | 5.15 | 2.14 | 7.77 | 5.60 | 2.15 | 8.28 | 5.62 | 2.17 | 8.54 | 6.07 | 2.18 | 9.05 | 6.05 | 2.21 | 9.30 | 6.03 | 2.22 | 9.56 | 6.44 | 2.23 |
| | 30 | 6.25 | 4.90 | 2.29 | 6.96 | 4.93 | 2.33 | 7.19 | 5.36 | 2.34 | 7.67 | 5.38 | 2.36 | 7.91 | 5.81 | 2.38 | 8.38 | 5.79 | 2.40 | 8.62 | 5.78 | 2.41 | 8.85 | 6.16 | 2.42 |
| | 35 | 6.87 | 5.18 | 3.14 | 7.66 | 5.21 | 3.19 | 7.92 | 5.66 | 3.20 | 8.44 | 5.68 | 3.23 | 8.70 | 6.13 | 3.25 | 9.22 | 6.11 | 3.28 | 9.48 | 6.10 | 3.30 | 9.74 | 6.51 | 3.32 |
| | 40 | 5.65 | 4.54 | 3.16 | 6.29 | 4.57 | 3.20 | 6.51 | 4.96 | 3.22 | 6.94 | 4.98 | 3.25 | 7.15 | 5.38 | 3.27 | 7.58 | 5.36 | 3.30 | 7.79 | 5.35 | 3.32 | 8.01 | 5.71 | 3.34 |
| | 46 | 3.94 | 3.71 | 2.26 | 4.39 | 3.73 | 2.29 | 4.54 | 4.06 | 2.30 | 4.83 | 4.07 | 2.33 | 4.98 | 4.40 | 2.34 | 5.28 | 4.38 | 2.36 | 5.43 | 4.37 | 2.38 | 5.58 | 4.66 | 2.39 |

Outdoor temperature

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

Note: 3 or more indoor units should be connected.

## ● Indoor unit : 9000Btu + 24000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 9+24 | 0 | 7.07 | 5.54 | 1.26 | 7.88 | 5.58 | 1.28 | 8.15 | 6.06 | 1.28 | 8.68 | 6.08 | 1.30 | 8.95 | 6.57 | 1.30 | 9.49 | 6.54 | 1.32 | 9.76 | 6.53 | 1.32 | 10.03 | 6.97 | 1.33 |
| | 5 | 6.64 | 5.36 | 1.60 | 7.40 | 5.39 | 1.62 | 7.65 | 5.86 | 1.63 | 8.15 | 5.88 | 1.65 | 8.41 | 6.35 | 1.66 | 8.91 | 6.33 | 1.67 | 9.16 | 6.32 | 1.68 | 9.41 | 6.74 | 1.69 |
| | 10 | 6.77 | 5.41 | 1.65 | 7.54 | 5.45 | 1.68 | 7.80 | 5.92 | 1.69 | 8.31 | 5.94 | 1.70 | 8.57 | 6.41 | 1.71 | 9.08 | 6.39 | 1.73 | 9.34 | 6.38 | 1.74 | 9.59 | 6.80 | 1.75 |
| | 15 | 7.76 | 5.83 | 1.96 | 8.64 | 5.87 | 1.99 | 8.93 | 6.38 | 2.00 | 9.52 | 6.40 | 2.02 | 9.82 | 6.91 | 2.03 | 10.41 | 6.89 | 2.05 | 10.70 | 6.87 | 2.06 | 11.00 | 7.33 | 2.07 |
| | 20 | 8.10 | 5.97 | 2.07 | 9.02 | 6.01 | 2.10 | 9.33 | 6.53 | 2.11 | 9.94 | 6.56 | 2.13 | 10.25 | 7.08 | 2.14 | 10.86 | 7.06 | 2.16 | 11.17 | 7.04 | 2.17 | 11.48 | 7.51 | 2.18 |
| | 25 | 8.42 | 6.11 | 2.71 | 9.38 | 6.15 | 2.75 | 9.70 | 6.68 | 2.77 | 10.34 | 6.71 | 2.80 | 10.66 | 7.24 | 2.81 | 11.29 | 7.22 | 2.84 | 11.61 | 7.20 | 2.85 | 11.93 | 7.68 | 2.87 |
| | 30 | 7.82 | 5.86 | 2.94 | 8.71 | 5.90 | 2.98 | 9.01 | 6.41 | 3.00 | 9.60 | 6.43 | 3.03 | 9.90 | 6.94 | 3.04 | 10.50 | 6.92 | 3.07 | 10.79 | 6.91 | 3.09 | 11.09 | 7.37 | 3.10 |
| | 35 | 7.51 | 5.72 | 3.40 | 8.36 | 5.76 | 3.45 | 8.65 | 6.26 | 3.47 | 9.22 | 6.28 | 3.50 | 9.50 | 6.78 | 3.52 | 10.07 | 6.76 | 3.56 | 10.36 | 6.75 | 3.58 | 10.64 | 7.20 | 3.58 |
| | 40 | 6.15 | 5.04 | 3.16 | 6.85 | 5.07 | 3.20 | 7.08 | 5.51 | 3.22 | 7.55 | 5.53 | 3.25 | 7.78 | 5.97 | 3.27 | 8.25 | 5.95 | 3.30 | 8.48 | 5.94 | 3.32 | 8.72 | 6.33 | 3.34 |
| | 46 | 4.13 | 4.12 | 2.35 | 4.60 | 4.15 | 2.39 | 4.75 | 4.51 | 2.40 | 5.07 | 4.53 | 2.43 | 5.23 | 4.89 | 2.44 | 5.54 | 4.87 | 2.46 | 5.70 | 4.86 | 2.48 | 5.85 | 5.18 | 2.49 |

Outdoor temperature

## ● Indoor unit : 12000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 12+12 | 0 | 4.77 | 3.80 | 1.06 | 5.31 | 3.82 | 1.08 | 5.49 | 4.15 | 1.08 | 5.86 | 4.17 | 1.09 | 6.04 | 4.50 | 1.10 | 6.40 | 4.49 | 1.11 | 6.58 | 4.48 | 1.12 | 6.76 | 4.78 | 1.12 |
| | 5 | 4.45 | 3.66 | 1.19 | 4.95 | 3.68 | 1.21 | 5.12 | 4.00 | 1.21 | 5.46 | 4.02 | 1.23 | 5.63 | 4.34 | 1.23 | 5.96 | 4.32 | 1.24 | 6.13 | 4.31 | 1.25 | 6.30 | 4.60 | 1.26 |
| | 10 | 4.48 | 3.67 | 1.39 | 4.99 | 3.70 | 1.41 | 5.16 | 4.02 | 1.41 | 5.50 | 4.03 | 1.43 | 5.67 | 4.35 | 1.44 | 6.01 | 4.34 | 1.45 | 6.18 | 4.33 | 1.46 | 6.35 | 4.62 | 1.46 |
| | 15 | 4.85 | 3.84 | 1.12 | 5.41 | 3.86 | 1.14 | 5.59 | 4.20 | 1.14 | 5.96 | 4.21 | 1.15 | 6.15 | 4.55 | 1.16 | 6.51 | 4.53 | 1.17 | 6.70 | 4.52 | 1.18 | 6.88 | 4.82 | 1.18 |
| | 20 | 5.81 | 4.25 | 1.53 | 6.48 | 4.28 | 1.55 | 6.70 | 4.65 | 1.56 | 7.14 | 4.67 | 1.58 | 7.36 | 5.04 | 1.58 | 7.80 | 5.02 | 1.60 | 8.02 | 5.01 | 1.61 | 8.24 | 5.35 | 1.62 |
| | 25 | 5.58 | 4.15 | 1.76 | 6.21 | 4.18 | 1.78 | 6.42 | 4.54 | 1.79 | 6.85 | 4.56 | 1.81 | 7.06 | 4.92 | 1.82 | 7.48 | 4.90 | 1.84 | 7.70 | 4.89 | 1.85 | 7.91 | 5.22 | 1.86 |
| | 30 | 5.16 | 3.97 | 1.92 | 5.75 | 3.99 | 1.95 | 5.94 | 4.34 | 1.96 | 6.34 | 4.36 | 1.98 | 6.53 | 4.70 | 1.98 | 6.92 | 4.69 | 2.00 | 7.12 | 4.68 | 2.01 | 7.32 | 4.99 | 2.02 |
| | 35 | 5.77 | 4.23 | 2.70 | 6.42 | 4.26 | 2.74 | 6.64 | 4.63 | 2.76 | 7.08 | 4.65 | 2.79 | 7.30 | 5.01 | 2.80 | 7.74 | 5.00 | 2.83 | 7.96 | 4.99 | 2.84 | 8.18 | 5.32 | 2.86 |
| | 40 | 5.44 | 3.77 | 2.97 | 6.06 | 3.80 | 3.02 | 6.27 | 4.13 | 3.03 | 6.68 | 4.14 | 3.06 | 6.89 | 4.47 | 3.08 | 7.30 | 4.46 | 3.11 | 7.51 | 4.45 | 3.13 | 7.72 | 4.74 | 3.14 |
| | 46 | 3.84 | 3.50 | 2.35 | 4.28 | 3.52 | 2.39 | 4.43 | 3.83 | 2.40 | 4.72 | 3.84 | 2.43 | 4.86 | 4.15 | 2.44 | 5.16 | 4.14 | 2.46 | 5.30 | 4.13 | 2.48 | 5.45 | 4.40 | 2.49 |

Outdoor temperature

## ● Indoor unit : 12000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 12+14 | 0 | 5.34 | 4.57 | 1.25 | 5.94 | 4.60 | 1.27 | 6.15 | 4.99 | 1.28 | 6.55 | 5.01 | 1.29 | 6.75 | 5.41 | 1.30 | 7.16 | 5.39 | 1.31 | 7.36 | 5.38 | 1.32 | 7.56 | 5.74 | 1.32 |
| | 5 | 4.97 | 4.40 | 1.39 | 5.54 | 4.43 | 1.41 | 5.73 | 4.81 | 1.42 | 6.11 | 4.83 | 1.44 | 6.29 | 5.22 | 1.44 | 6.67 | 5.20 | 1.46 | 6.86 | 5.19 | 1.46 | 7.05 | 5.54 | 1.47 |
| | 10 | 5.03 | 4.43 | 1.09 | 5.60 | 4.46 | 1.11 | 5.79 | 4.84 | 1.12 | 6.18 | 4.86 | 1.13 | 6.37 | 5.25 | 1.13 | 6.75 | 5.23 | 1.14 | 6.94 | 5.22 | 1.15 | 7.13 | 5.57 | 1.16 |
| | 15 | 6.45 | 5.07 | 1.55 | 7.19 | 5.10 | 1.57 | 7.44 | 5.54 | 1.58 | 7.93 | 5.57 | 1.60 | 8.17 | 6.01 | 1.60 | 8.66 | 5.99 | 1.62 | 8.91 | 5.98 | 1.63 | 9.15 | 6.37 | 1.64 |
| | 20 | 6.58 | 5.12 | 1.75 | 7.33 | 5.16 | 1.78 | 7.58 | 5.60 | 1.79 | 8.08 | 5.63 | 1.81 | 8.33 | 6.07 | 1.82 | 8.83 | 6.05 | 1.83 | 9.08 | 6.04 | 1.84 | 9.33 | 6.44 | 1.85 |
| | 25 | 6.29 | 5.00 | 2.03 | 7.01 | 5.03 | 2.06 | 7.25 | 5.46 | 2.07 | 7.73 | 5.49 | 2.09 | 7.97 | 5.92 | 2.10 | 8.44 | 5.90 | 2.13 | 8.68 | 5.89 | 2.14 | 8.92 | 6.28 | 2.15 |
| | 30 | 5.83 | 4.79 | 2.21 | 6.49 | 4.82 | 2.25 | 6.71 | 5.24 | 2.26 | 7.15 | 5.26 | 2.28 | 7.38 | 5.67 | 2.29 | 7.82 | 5.65 | 2.31 | 8.04 | 5.64 | 2.33 | 8.26 | 6.02 | 2.34 |
| | 35 | 6.72 | 5.19 | 3.18 | 7.48 | 5.22 | 3.23 | 7.74 | 5.67 | 3.25 | 8.25 | 5.69 | 3.28 | 8.50 | 6.15 | 3.30 | 9.01 | 6.12 | 3.33 | 9.27 | 6.11 | 3.35 | 9.52 | 6.52 | 3.37 |
| | 40 | 5.62 | 4.60 | 3.16 | 6.27 | 4.63 | 3.20 | 6.48 | 5.03 | 3.22 | 6.91 | 5.05 | 3.25 | 7.12 | 5.45 | 3.27 | 7.55 | 5.43 | 3.30 | 7.76 | 5.42 | 3.32 | 7.97 | 5.79 | 3.34 |
| | 46 | 3.91 | 3.64 | 2.35 | 4.35 | 3.66 | 2.39 | 4.50 | 3.98 | 2.40 | 4.80 | 4.00 | 2.43 | 4.94 | 4.31 | 2.44 | 5.24 | 4.30 | 2.46 | 5.39 | 4.29 | 2.48 | 5.54 | 4.58 | 2.49 |

Outdoor temperature

## ● Indoor unit : 12000Btu + 18000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 12+18 | 0 | 6.87 | 5.26 | 1.73 | 7.65 | 5.29 | 1.76 | 7.91 | 5.75 | 1.77 | 8.44 | 5.77 | 1.79 | 8.70 | 6.23 | 1.80 | 9.22 | 6.21 | 1.82 | 9.48 | 6.20 | 1.82 | 9.74 | 6.61 | 1.83 |
| | 5 | 6.42 | 5.07 | 1.90 | 7.15 | 5.10 | 1.93 | 7.40 | 5.54 | 1.94 | 7.88 | 5.56 | 1.96 | 8.13 | 6.00 | 1.97 | 8.61 | 5.98 | 1.99 | 8.86 | 5.97 | 2.00 | 9.10 | 6.37 | 2.01 |
| | 10 | 6.53 | 5.11 | 1.56 | 7.28 | 5.15 | 1.58 | 7.53 | 5.59 | 1.59 | 8.02 | 5.61 | 1.61 | 8.27 | 6.06 | 1.62 | 8.77 | 6.04 | 1.63 | 9.01 | 6.03 | 1.64 | 9.26 | 6.43 | 1.65 |
| | 15 | 7.14 | 5.37 | 1.80 | 7.95 | 5.41 | 1.83 | 8.22 | 5.87 | 1.84 | 8.76 | 5.90 | 1.86 | 9.04 | 6.36 | 1.87 | 9.58 | 6.34 | 1.89 | 9.85 | 6.33 | 1.90 | 10.12 | 6.75 | 1.91 |
| | 20 | 7.75 | 5.63 | 2.06 | 8.63 | 5.67 | 2.09 | 8.93 | 6.16 | 2.11 | 9.52 | 6.18 | 2.13 | 9.81 | 6.67 | 2.14 | 10.40 | 6.65 | 2.16 | 10.69 | 6.64 | 2.17 | 10.99 | 7.08 | 2.18 |
| | 25 | 7.37 | 5.47 | 2.43 | 8.21 | 5.50 | 2.47 | 8.49 | 5.98 | 2.48 | 9.05 | 6.00 | 2.51 | 9.33 | 6.48 | 2.52 | 9.89 | 6.46 | 2.54 | 10.17 | 6.45 | 2.56 | 10.45 | 6.88 | 2.57 |
| | 30 | 6.83 | 5.24 | 2.64 | 7.61 | 5.27 | 2.68 | 7.87 | 5.73 | 2.69 | 8.39 | 5.75 | 2.72 | 8.65 | 6.21 | 2.73 | 9.17 | 6.19 | 2.76 | 9.43 | 6.18 | 2.77 | 9.69 | 6.59 | 2.79 |
| | 35 | 7.19 | 5.39 | 3.40 | 8.01 | 5.43 | 3.45 | 8.28 | 5.90 | 3.47 | 8.83 | 5.92 | 3.50 | 9.10 | 6.39 | 3.52 | 9.65 | 6.37 | 3.56 | 9.92 | 6.36 | 3.58 | 10.19 | 6.78 | 3.58 |
| | 40 | 5.87 | 4.75 | 3.16 | 6.54 | 4.78 | 3.20 | 6.77 | 5.19 | 3.22 | 7.21 | 5.21 | 3.25 | 7.44 | 5.62 | 3.27 | 7.88 | 5.60 | 3.30 | 8.11 | 5.59 | 3.32 | 8.33 | 5.97 | 3.34 |
| | 46 | 4.03 | 3.92 | 2.35 | 4.49 | 3.94 | 2.39 | 4.65 | 4.28 | 2.40 | 4.95 | 4.30 | 2.43 | 5.10 | 4.64 | 2.44 | 5.41 | 4.62 | 2.46 | 5.56 | 4.62 | 2.48 | 5.72 | 4.92 | 2.49 |

Outdoor temperature

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO∗G30L4

Note: 3 or more indoor units should be connected.

## ● Indoor unit : 12000Btu + 24000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 12+24 Outdoor temperature | 0 | 7.47 | 5.77 | 1.43 | 8.32 | 5.80 | 1.45 | 8.61 | 6.31 | 1.46 | 9.17 | 6.33 | 1.47 | 9.46 | 6.83 | 1.48 | 10.03 | 6.81 | 1.50 | 10.31 | 6.80 | 1.50 | 10.59 | 7.25 | 1.51 |
| | 5 | 7.06 | 5.60 | 1.72 | 7.87 | 5.63 | 1.74 | 8.14 | 6.12 | 1.75 | 8.67 | 6.14 | 1.77 | 8.94 | 6.63 | 1.78 | 9.48 | 6.61 | 1.80 | 9.75 | 6.60 | 1.81 | 10.02 | 7.04 | 1.82 |
| | 10 | 7.19 | 5.65 | 1.87 | 8.01 | 5.68 | 1.90 | 8.28 | 6.18 | 1.91 | 8.83 | 6.20 | 1.93 | 9.10 | 6.69 | 1.94 | 9.65 | 6.67 | 1.96 | 9.92 | 6.66 | 1.97 | 10.19 | 7.10 | 1.97 |
| | 15 | 7.70 | 5.86 | 2.02 | 8.57 | 5.90 | 2.05 | 8.86 | 6.41 | 2.06 | 9.45 | 6.43 | 2.09 | 9.74 | 6.94 | 2.10 | 10.33 | 6.92 | 2.12 | 10.62 | 6.91 | 2.13 | 10.91 | 7.37 | 2.14 |
| | 20 | 8.10 | 6.03 | 2.07 | 9.02 | 6.07 | 2.10 | 9.33 | 6.59 | 2.11 | 9.95 | 6.62 | 2.13 | 10.26 | 7.15 | 2.15 | 10.87 | 7.12 | 2.17 | 11.18 | 7.11 | 2.18 | 11.49 | 7.58 | 2.19 |
| | 25 | 8.37 | 6.14 | 2.75 | 9.32 | 6.18 | 2.79 | 9.64 | 6.72 | 2.81 | 10.28 | 6.74 | 2.84 | 10.60 | 7.28 | 2.85 | 11.23 | 7.25 | 2.88 | 11.55 | 7.24 | 2.89 | 11.87 | 7.72 | 2.91 |
| | 30 | 7.80 | 5.90 | 2.97 | 8.68 | 5.94 | 3.02 | 8.98 | 6.45 | 3.03 | 9.57 | 6.48 | 3.06 | 9.87 | 6.99 | 3.08 | 10.46 | 6.97 | 3.11 | 10.76 | 6.96 | 3.12 | 11.05 | 7.42 | 3.14 |
| | 35 | 7.51 | 5.78 | 3.40 | 8.36 | 5.82 | 3.45 | 8.65 | 6.32 | 3.47 | 9.22 | 6.35 | 3.50 | 9.50 | 6.85 | 3.52 | 10.07 | 6.82 | 3.56 | 10.36 | 6.81 | 3.58 | 10.64 | 7.27 | 3.58 |
| | 40 | 6.42 | 5.09 | 3.16 | 7.15 | 5.12 | 3.20 | 7.40 | 5.56 | 3.22 | 7.88 | 5.58 | 3.25 | 8.13 | 6.03 | 3.27 | 8.62 | 6.01 | 3.30 | 8.86 | 6.00 | 3.32 | 9.10 | 6.40 | 3.34 |
| | 46 | 4.22 | 4.22 | 2.35 | 4.70 | 4.36 | 2.39 | 4.86 | 4.73 | 2.40 | 5.19 | 4.75 | 2.43 | 5.35 | 5.13 | 2.44 | 5.67 | 5.11 | 2.46 | 5.83 | 5.10 | 2.48 | 5.99 | 5.44 | 2.49 |

## ● Indoor unit : 14000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 14+14 Outdoor temperature | 0 | 5.59 | 5.01 | 1.33 | 6.22 | 5.05 | 1.35 | 6.43 | 5.48 | 1.35 | 6.86 | 5.50 | 1.37 | 7.07 | 5.94 | 1.37 | 7.50 | 5.92 | 1.39 | 7.71 | 5.91 | 1.39 | 7.92 | 6.30 | 1.40 |
| | 5 | 5.21 | 4.84 | 1.46 | 5.80 | 4.87 | 1.49 | 6.00 | 5.29 | 1.50 | 6.40 | 5.31 | 1.51 | 6.60 | 5.74 | 1.52 | 6.99 | 5.72 | 1.53 | 7.19 | 5.70 | 1.54 | 7.39 | 6.09 | 1.55 |
| | 10 | 5.29 | 4.88 | 1.18 | 5.89 | 4.91 | 1.19 | 6.09 | 5.33 | 1.20 | 6.50 | 5.35 | 1.21 | 6.70 | 5.78 | 1.22 | 7.10 | 5.76 | 1.23 | 7.30 | 5.75 | 1.24 | 7.50 | 6.13 | 1.24 |
| | 15 | 6.81 | 5.58 | 1.63 | 7.58 | 5.61 | 1.66 | 7.84 | 6.10 | 1.67 | 8.36 | 6.12 | 1.69 | 8.62 | 6.61 | 1.69 | 9.13 | 6.59 | 1.71 | 9.39 | 6.57 | 1.72 | 9.65 | 7.01 | 1.73 |
| | 20 | 7.30 | 5.81 | 1.90 | 8.13 | 5.84 | 1.92 | 8.41 | 6.35 | 1.93 | 8.97 | 6.38 | 1.95 | 9.24 | 6.88 | 1.96 | 9.80 | 6.86 | 1.98 | 10.07 | 6.84 | 1.99 | 10.35 | 7.30 | 2.00 |
| | 25 | 6.96 | 5.65 | 2.22 | 7.76 | 5.69 | 2.25 | 8.02 | 6.18 | 2.26 | 8.55 | 6.20 | 2.28 | 8.82 | 6.70 | 2.30 | 9.35 | 6.67 | 2.32 | 9.61 | 6.66 | 2.33 | 9.87 | 7.11 | 2.34 |
| | 30 | 6.45 | 5.41 | 2.41 | 7.19 | 5.45 | 2.45 | 7.43 | 5.92 | 2.46 | 7.92 | 5.94 | 2.48 | 8.17 | 6.42 | 2.50 | 8.66 | 6.39 | 2.52 | 8.90 | 6.38 | 2.53 | 9.15 | 6.81 | 2.55 |
| | 35 | 7.11 | 5.72 | 3.28 | 7.92 | 5.75 | 3.33 | 8.19 | 6.25 | 3.35 | 8.73 | 6.28 | 3.38 | 9.00 | 6.78 | 3.40 | 9.54 | 6.75 | 3.43 | 9.81 | 6.74 | 3.45 | 10.08 | 7.19 | 3.47 |
| | 40 | 5.78 | 4.95 | 3.04 | 6.44 | 4.99 | 3.09 | 6.66 | 5.42 | 3.10 | 7.10 | 5.44 | 3.13 | 7.32 | 5.87 | 3.15 | 7.76 | 5.85 | 3.18 | 7.98 | 5.84 | 3.20 | 8.20 | 6.23 | 3.21 |
| | 46 | 3.97 | 3.78 | 2.35 | 4.42 | 3.80 | 2.39 | 4.57 | 4.13 | 2.40 | 4.87 | 4.15 | 2.43 | 5.02 | 4.48 | 2.44 | 5.33 | 4.46 | 2.46 | 5.48 | 4.45 | 2.48 | 5.63 | 4.75 | 2.49 |

## ● Indoor unit : 14000Btu + 18000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 14+18 Outdoor temperature | 0 | 6.95 | 5.59 | 1.23 | 7.75 | 5.63 | 1.25 | 8.01 | 6.11 | 1.26 | 8.54 | 6.14 | 1.27 | 8.80 | 6.62 | 1.27 | 9.33 | 6.60 | 1.29 | 9.60 | 6.59 | 1.29 | 9.86 | 7.03 | 1.30 |
| | 5 | 6.52 | 5.40 | 1.59 | 7.26 | 5.43 | 1.62 | 7.51 | 5.90 | 1.63 | 8.00 | 5.93 | 1.64 | 8.25 | 6.40 | 1.65 | 8.75 | 6.37 | 1.67 | 8.99 | 6.36 | 1.68 | 9.24 | 6.79 | 1.69 |
| | 10 | 6.64 | 5.45 | 1.62 | 7.40 | 5.49 | 1.65 | 7.65 | 5.96 | 1.66 | 8.15 | 5.99 | 1.67 | 8.41 | 6.46 | 1.68 | 8.91 | 6.44 | 1.70 | 9.16 | 6.43 | 1.71 | 9.41 | 6.86 | 1.71 |
| | 15 | 7.61 | 5.88 | 1.94 | 8.48 | 5.92 | 1.97 | 8.77 | 6.43 | 1.98 | 9.35 | 6.45 | 2.00 | 9.64 | 6.97 | 2.01 | 10.21 | 6.94 | 2.03 | 10.50 | 6.93 | 2.04 | 10.79 | 7.39 | 2.05 |
| | 20 | 7.92 | 6.01 | 2.07 | 8.83 | 6.05 | 2.10 | 9.13 | 6.58 | 2.11 | 9.73 | 6.60 | 2.13 | 10.03 | 7.13 | 2.14 | 10.63 | 7.10 | 2.16 | 10.93 | 7.09 | 2.17 | 11.23 | 7.56 | 2.18 |
| | 25 | 7.50 | 5.83 | 2.45 | 8.36 | 5.87 | 2.49 | 8.64 | 6.38 | 2.51 | 9.21 | 6.40 | 2.53 | 9.50 | 6.91 | 2.54 | 10.07 | 6.89 | 2.57 | 10.35 | 6.87 | 2.58 | 10.64 | 7.33 | 2.59 |
| | 30 | 6.97 | 5.60 | 2.66 | 7.76 | 5.63 | 2.70 | 8.03 | 6.12 | 2.71 | 8.56 | 6.14 | 2.74 | 8.82 | 6.63 | 2.75 | 9.35 | 6.61 | 2.78 | 9.62 | 6.60 | 2.80 | 9.88 | 7.04 | 2.81 |
| | 35 | 7.35 | 5.76 | 3.40 | 8.18 | 5.80 | 3.45 | 8.46 | 6.30 | 3.47 | 9.02 | 6.33 | 3.50 | 9.30 | 6.83 | 3.52 | 9.86 | 6.80 | 3.56 | 10.14 | 6.79 | 3.58 | 10.42 | 7.25 | 3.58 |
| | 40 | 6.06 | 5.07 | 3.16 | 6.75 | 5.10 | 3.20 | 6.98 | 5.55 | 3.22 | 7.44 | 5.57 | 3.25 | 7.67 | 6.01 | 3.27 | 8.13 | 5.99 | 3.30 | 8.36 | 5.98 | 3.32 | 8.59 | 6.38 | 3.34 |
| | 46 | 4.10 | 4.05 | 2.35 | 4.56 | 4.08 | 2.39 | 4.72 | 4.43 | 2.40 | 5.03 | 4.45 | 2.43 | 5.18 | 4.80 | 2.44 | 5.50 | 4.79 | 2.46 | 5.65 | 4.78 | 2.48 | 5.81 | 5.10 | 2.49 |

## ● Indoor unit : 14000Btu + 24000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 14+24 Outdoor temperature | 0 | 7.95 | 6.43 | 1.56 | 8.85 | 6.47 | 1.58 | 9.15 | 7.03 | 1.59 | 9.76 | 7.05 | 1.61 | 10.06 | 7.61 | 1.62 | 10.66 | 7.59 | 1.63 | 10.96 | 7.57 | 1.64 | 11.26 | 8.08 | 1.65 |
| | 5 | 7.56 | 6.25 | 1.81 | 8.42 | 6.29 | 1.84 | 8.70 | 6.84 | 1.85 | 9.28 | 6.87 | 1.86 | 9.57 | 7.41 | 1.87 | 10.14 | 7.38 | 1.89 | 10.43 | 7.37 | 1.90 | 10.71 | 7.86 | 1.91 |
| | 10 | 7.67 | 6.30 | 2.03 | 8.55 | 6.34 | 2.06 | 8.84 | 6.89 | 2.07 | 9.42 | 6.92 | 2.09 | 9.71 | 7.47 | 2.10 | 10.29 | 7.44 | 2.12 | 10.58 | 7.43 | 2.13 | 10.88 | 7.93 | 2.14 |
| | 15 | 8.41 | 6.63 | 2.22 | 9.37 | 6.67 | 2.26 | 9.69 | 7.25 | 2.27 | 10.33 | 7.28 | 2.29 | 10.65 | 7.86 | 2.31 | 11.29 | 7.83 | 2.33 | 11.61 | 7.82 | 2.34 | 11.93 | 8.34 | 2.35 |
| | 20 | 8.28 | 6.57 | 2.07 | 9.22 | 6.61 | 2.11 | 9.53 | 7.19 | 2.12 | 10.16 | 7.21 | 2.14 | 10.48 | 7.79 | 2.15 | 11.11 | 7.76 | 2.17 | 11.42 | 7.75 | 2.18 | 11.74 | 8.26 | 2.19 |
| | 25 | 8.84 | 6.82 | 2.89 | 9.85 | 6.87 | 2.93 | 10.19 | 7.46 | 2.94 | 10.86 | 7.49 | 2.97 | 11.20 | 8.08 | 2.99 | 11.87 | 8.06 | 3.02 | 12.20 | 8.04 | 3.03 | 12.54 | 8.58 | 3.05 |
| | 30 | 8.25 | 6.56 | 3.11 | 9.19 | 6.60 | 3.16 | 9.51 | 7.18 | 3.17 | 10.13 | 7.20 | 3.21 | 10.45 | 7.78 | 3.22 | 11.07 | 7.75 | 3.25 | 11.39 | 7.73 | 3.27 | 11.70 | 8.25 | 3.29 |
| | 35 | 7.66 | 6.30 | 3.40 | 8.54 | 6.34 | 3.45 | 8.83 | 6.89 | 3.47 | 9.41 | 6.92 | 3.50 | 9.70 | 7.47 | 3.52 | 10.28 | 7.44 | 3.56 | 10.57 | 7.43 | 3.58 | 10.86 | 7.92 | 3.58 |
| | 40 | 6.60 | 5.54 | 3.16 | 7.36 | 5.58 | 3.20 | 7.61 | 6.06 | 3.22 | 8.11 | 6.09 | 3.25 | 8.36 | 6.57 | 3.27 | 8.86 | 6.55 | 3.30 | 9.11 | 6.54 | 3.32 | 9.36 | 6.97 | 3.34 |
| | 46 | 4.29 | 4.29 | 2.35 | 4.77 | 4.50 | 2.39 | 4.94 | 4.89 | 2.40 | 5.26 | 4.90 | 2.43 | 5.43 | 5.29 | 2.44 | 5.75 | 5.27 | 2.46 | 5.91 | 5.27 | 2.48 | 6.08 | 5.62 | 2.49 |

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

Note: 3 or more indoor units should be connected.

## ● Indoor unit : 18000Btu + 18000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 18+18 | Outdoor temperature (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | 0 | 7.63 | 6.14 | 1.43 | 8.50 | 6.18 | 1.45 | 8.79 | 6.71 | 1.46 | 9.37 | 6.74 | 1.47 | 9.66 | 7.28 | 1.48 | 10.24 | 7.25 | 1.50 | 10.53 | 7.24 | 1.50 | 10.82 | 7.72 | 1.51 |
| | 5 | 7.21 | 5.96 | 1.72 | 8.04 | 6.00 | 1.74 | 8.31 | 6.51 | 1.75 | 8.86 | 6.54 | 1.77 | 9.13 | 7.06 | 1.78 | 9.68 | 7.03 | 1.80 | 9.95 | 7.02 | 1.81 | 10.23 | 7.49 | 1.82 |
| | 10 | 7.34 | 6.01 | 1.87 | 8.18 | 6.05 | 1.90 | 8.46 | 6.58 | 1.91 | 9.01 | 6.60 | 1.93 | 9.29 | 7.13 | 1.94 | 9.85 | 7.10 | 1.96 | 10.13 | 7.09 | 1.97 | 10.41 | 7.56 | 1.97 |
| | 15 | 8.46 | 6.50 | 2.18 | 9.43 | 6.54 | 2.21 | 9.75 | 7.11 | 2.22 | 10.39 | 7.14 | 2.25 | 10.71 | 7.71 | 2.26 | 11.35 | 7.68 | 2.28 | 11.68 | 7.66 | 2.29 | 12.00 | 8.18 | 2.30 |
| | 20 | 8.27 | 6.42 | 2.07 | 9.21 | 6.46 | 2.10 | 9.53 | 7.02 | 2.11 | 10.16 | 7.05 | 2.13 | 10.47 | 7.61 | 2.15 | 11.10 | 7.58 | 2.17 | 11.41 | 7.57 | 2.18 | 11.73 | 8.07 | 2.19 |
| | 25 | 8.55 | 6.54 | 2.75 | 9.52 | 6.58 | 2.79 | 9.84 | 7.15 | 2.81 | 10.49 | 7.18 | 2.84 | 10.82 | 7.75 | 2.85 | 11.47 | 7.72 | 2.88 | 11.79 | 7.71 | 2.89 | 12.12 | 8.22 | 2.91 |
| | 30 | 7.96 | 6.28 | 2.97 | 8.87 | 6.32 | 3.02 | 9.17 | 6.87 | 3.03 | 9.77 | 6.90 | 3.06 | 10.08 | 7.45 | 3.08 | 10.68 | 7.42 | 3.11 | 10.98 | 7.41 | 3.12 | 11.29 | 7.90 | 3.14 |
| | 35 | 7.66 | 6.15 | 3.40 | 8.54 | 6.19 | 3.45 | 8.83 | 6.73 | 3.47 | 9.41 | 6.76 | 3.50 | 9.70 | 7.29 | 3.52 | 10.28 | 7.27 | 3.56 | 10.57 | 7.25 | 3.58 | 10.86 | 7.74 | 3.58 |
| | 40 | 6.42 | 5.42 | 3.16 | 7.15 | 5.45 | 3.20 | 7.40 | 5.92 | 3.22 | 7.88 | 5.95 | 3.25 | 8.13 | 6.42 | 3.27 | 8.62 | 6.39 | 3.30 | 8.86 | 6.38 | 3.32 | 9.10 | 6.81 | 3.34 |
| | 46 | 4.22 | 4.22 | 2.35 | 4.70 | 4.36 | 2.39 | 4.86 | 4.73 | 2.40 | 5.19 | 4.75 | 2.43 | 5.35 | 5.13 | 2.44 | 5.67 | 5.11 | 2.46 | 5.83 | 5.10 | 2.48 | 5.99 | 5.44 | 2.49 |

## ● Indoor unit : 18000Btu + 24000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 18+24 | Outdoor temperature (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | 0 | 8.64 | 6.82 | 1.81 | 9.63 | 6.87 | 1.84 | 9.96 | 7.46 | 1.85 | 10.61 | 7.49 | 1.86 | 10.94 | 8.09 | 1.87 | 11.60 | 8.06 | 1.89 | 11.93 | 8.04 | 1.90 | 12.25 | 8.58 | 1.91 |
| | 5 | 8.34 | 6.69 | 1.96 | 9.29 | 6.74 | 1.99 | 9.61 | 7.32 | 2.00 | 10.24 | 7.35 | 2.02 | 10.56 | 7.93 | 2.03 | 11.19 | 7.90 | 2.05 | 11.51 | 7.89 | 2.06 | 11.83 | 8.42 | 2.08 |
| | 10 | 8.40 | 6.72 | 2.02 | 9.35 | 6.76 | 2.05 | 9.67 | 7.35 | 2.06 | 10.31 | 7.37 | 2.08 | 10.63 | 7.96 | 2.10 | 11.27 | 7.93 | 2.12 | 11.59 | 7.92 | 2.13 | 11.91 | 8.45 | 2.14 |
| | 15 | 8.48 | 6.75 | 1.80 | 9.45 | 6.80 | 1.83 | 9.77 | 7.39 | 1.84 | 10.42 | 7.42 | 1.85 | 10.74 | 8.00 | 1.86 | 11.38 | 7.98 | 1.88 | 11.71 | 7.96 | 1.89 | 12.03 | 8.49 | 1.90 |
| | 20 | 8.46 | 6.75 | 2.08 | 9.43 | 6.79 | 2.11 | 9.75 | 7.38 | 2.12 | 10.39 | 7.41 | 2.14 | 10.71 | 7.99 | 2.15 | 11.35 | 7.97 | 2.18 | 11.68 | 7.95 | 2.19 | 12.00 | 8.48 | 2.20 |
| | 25 | 8.95 | 6.95 | 2.94 | 9.97 | 7.00 | 2.98 | 10.31 | 7.61 | 3.00 | 10.99 | 7.64 | 3.03 | 11.33 | 8.24 | 3.05 | 12.01 | 8.21 | 3.08 | 12.35 | 8.20 | 3.09 | 12.69 | 8.74 | 3.11 |
| | 30 | 8.39 | 6.71 | 3.16 | 9.34 | 6.76 | 3.21 | 9.66 | 7.34 | 3.22 | 10.30 | 7.37 | 3.26 | 10.62 | 7.96 | 3.27 | 11.25 | 7.93 | 3.30 | 11.57 | 7.91 | 3.32 | 11.89 | 8.44 | 3.34 |
| | 35 | 7.82 | 6.47 | 3.40 | 8.71 | 6.51 | 3.45 | 9.01 | 7.07 | 3.47 | 9.60 | 7.10 | 3.50 | 9.90 | 7.67 | 3.52 | 10.49 | 7.64 | 3.56 | 10.79 | 7.62 | 3.58 | 11.09 | 8.13 | 3.58 |
| | 40 | 6.97 | 5.69 | 3.16 | 7.76 | 5.73 | 3.20 | 8.03 | 6.23 | 3.22 | 8.56 | 6.25 | 3.25 | 8.82 | 6.75 | 3.27 | 9.35 | 6.72 | 3.30 | 9.61 | 6.71 | 3.32 | 9.88 | 7.16 | 3.34 |
| | 46 | 4.41 | 4.41 | 2.35 | 4.92 | 4.65 | 2.39 | 5.08 | 5.06 | 2.40 | 5.42 | 5.08 | 2.43 | 5.59 | 5.48 | 2.44 | 5.92 | 5.46 | 2.46 | 6.09 | 5.45 | 2.48 | 6.26 | 5.81 | 2.49 |

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)



OUTDOOR UNIT
AO∗G30L4

Note: The total capacity of connected a indoor unit is up to 49000Btu from 27000Btu.

## ● Indoor unit : 7000Btu + 7000Btu + 7000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 7+7+7 | Outdoor temperature (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | 0 | 5.64 | 4.46 | 1.00 | 6.28 | 4.49 | 1.01 | 6.50 | 4.87 | 1.02 | 6.93 | 4.89 | 1.03 | 7.14 | 5.28 | 1.03 | 7.57 | 5.26 | 1.04 | 7.78 | 5.25 | 1.05 | 8.00 | 5.60 | 1.05 |
| | 5 | 5.27 | 4.28 | 1.13 | 5.87 | 4.31 | 1.15 | 6.07 | 4.68 | 1.16 | 6.47 | 4.70 | 1.17 | 6.67 | 5.08 | 1.17 | 7.07 | 5.06 | 1.19 | 7.27 | 5.05 | 1.19 | 7.47 | 5.39 | 1.20 |
| | 10 | 5.26 | 4.28 | 1.33 | 5.86 | 4.31 | 1.35 | 6.06 | 4.68 | 1.36 | 6.46 | 4.70 | 1.37 | 6.66 | 5.07 | 1.38 | 7.05 | 5.05 | 1.39 | 7.25 | 5.04 | 1.40 | 7.45 | 5.38 | 1.40 |
| | 15 | 5.29 | 4.29 | 1.15 | 5.90 | 4.32 | 1.17 | 6.10 | 4.70 | 1.17 | 6.50 | 4.72 | 1.18 | 6.70 | 5.09 | 1.19 | 7.10 | 5.07 | 1.20 | 7.30 | 5.06 | 1.21 | 7.50 | 5.40 | 1.21 |
| | 20 | 6.75 | 4.97 | 1.50 | 7.51 | 5.00 | 1.52 | 7.77 | 5.44 | 1.53 | 8.28 | 5.46 | 1.55 | 8.54 | 5.89 | 1.56 | 9.05 | 5.87 | 1.57 | 9.31 | 5.86 | 1.58 | 9.56 | 6.25 | 1.59 |
| | 25 | 6.49 | 4.86 | 1.70 | 7.23 | 4.89 | 1.73 | 7.48 | 5.31 | 1.74 | 7.97 | 5.33 | 1.75 | 8.22 | 5.75 | 1.76 | 8.71 | 5.73 | 1.78 | 8.96 | 5.72 | 1.79 | 9.21 | 6.10 | 1.80 |
| | 30 | 6.01 | 4.63 | 1.86 | 6.69 | 4.66 | 1.89 | 6.92 | 5.06 | 1.90 | 7.38 | 5.08 | 1.92 | 7.60 | 5.48 | 1.93 | 8.06 | 5.46 | 1.95 | 8.29 | 5.45 | 1.96 | 8.52 | 5.82 | 1.97 |
| | 35 | 5.93 | 4.59 | 2.35 | 6.60 | 4.62 | 2.39 | 6.83 | 5.02 | 2.40 | 7.28 | 5.04 | 2.43 | 7.50 | 5.44 | 2.44 | 7.95 | 5.42 | 2.46 | 8.18 | 5.41 | 2.48 | 8.40 | 5.77 | 2.49 |
| | 40 | 5.78 | 4.29 | 2.75 | 6.44 | 4.32 | 2.79 | 6.66 | 4.70 | 2.81 | 7.10 | 4.71 | 2.84 | 7.32 | 5.09 | 2.85 | 7.76 | 5.07 | 2.88 | 7.98 | 5.06 | 2.89 | 8.20 | 5.40 | 2.91 |
| | 46 | 3.88 | 3.76 | 2.12 | 4.32 | 3.79 | 2.16 | 4.47 | 4.11 | 2.17 | 4.76 | 4.13 | 2.19 | 4.91 | 4.46 | 2.20 | 5.20 | 4.44 | 2.22 | 5.35 | 4.43 | 2.23 | 5.50 | 4.73 | 2.24 |

## ● Indoor unit : 7000Btu + 7000Btu + 9000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 7+7+9 | Outdoor temperature (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | 0 | 5.45 | 4.45 | 1.02 | 6.07 | 4.47 | 1.04 | 6.28 | 4.86 | 1.05 | 6.69 | 4.88 | 1.06 | 6.90 | 5.27 | 1.06 | 7.31 | 5.25 | 1.07 | 7.52 | 5.24 | 1.08 | 7.73 | 5.59 | 1.08 |
| | 5 | 5.08 | 4.28 | 1.15 | 5.66 | 4.30 | 1.17 | 5.86 | 4.68 | 1.18 | 6.24 | 4.69 | 1.19 | 6.43 | 5.07 | 1.20 | 6.82 | 5.05 | 1.21 | 7.01 | 5.04 | 1.21 | 7.21 | 5.38 | 1.22 |
| | 10 | 5.10 | 4.29 | 1.35 | 5.69 | 4.31 | 1.37 | 5.88 | 4.69 | 1.38 | 6.27 | 4.71 | 1.39 | 6.46 | 5.08 | 1.40 | 6.85 | 5.06 | 1.41 | 7.04 | 5.05 | 1.42 | 7.24 | 5.39 | 1.42 |
| | 15 | 5.52 | 4.48 | 1.19 | 6.15 | 4.51 | 1.21 | 6.36 | 4.90 | 1.22 | 6.78 | 4.92 | 1.23 | 6.99 | 5.31 | 1.24 | 7.41 | 5.29 | 1.25 | 7.62 | 5.28 | 1.25 | 7.83 | 5.63 | 1.26 |
| | 20 | 7.06 | 5.19 | 1.60 | 7.86 | 5.22 | 1.63 | 8.13 | 5.68 | 1.63 | 8.67 | 5.70 | 1.65 | 8.94 | 6.15 | 1.66 | 9.47 | 6.13 | 1.68 | 9.74 | 6.12 | 1.68 | 10.01 | 6.53 | 1.69 |
| | 25 | 6.78 | 5.06 | 1.83 | 7.55 | 5.09 | 1.86 | 7.81 | 5.54 | 1.87 | 8.33 | 5.56 | 1.89 | 8.58 | 6.00 | 1.90 | 9.10 | 5.98 | 1.92 | 9.36 | 5.97 | 1.93 | 9.61 | 6.36 | 1.94 |
| | 30 | 6.27 | 4.83 | 2.00 | 6.99 | 4.86 | 2.03 | 7.23 | 5.28 | 2.04 | 7.70 | 5.30 | 2.06 | 7.94 | 5.72 | 2.07 | 8.42 | 5.70 | 2.09 | 8.66 | 5.69 | 2.10 | 8.89 | 6.07 | 2.11 |
| | 35 | 6.08 | 4.74 | 2.46 | 6.78 | 4.77 | 2.50 | 7.01 | 5.18 | 2.51 | 7.47 | 5.20 | 2.54 | 7.70 | 5.62 | 2.55 | 8.16 | 5.60 | 2.58 | 8.39 | 5.58 | 2.59 | 8.62 | 5.96 | 2.60 |
| | 40 | 5.86 | 4.44 | 2.88 | 6.53 | 4.47 | 2.92 | 6.75 | 4.85 | 2.94 | 7.19 | 4.87 | 2.97 | 7.41 | 5.26 | 2.98 | 7.86 | 5.24 | 3.01 | 8.08 | 5.23 | 3.02 | 8.30 | 5.58 | 3.04 |
| | 46 | 3.92 | 3.82 | 2.26 | 4.37 | 3.85 | 2.29 | 4.51 | 4.18 | 2.30 | 4.81 | 4.20 | 2.33 | 4.96 | 4.53 | 2.34 | 5.26 | 4.52 | 2.36 | 5.41 | 4.51 | 2.38 | 5.56 | 4.81 | 2.39 |

## ● Indoor unit : 7000Btu + 7000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 7+7+12 | Outdoor temperature (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | 0 | 5.44 | 4.43 | 1.21 | 6.05 | 4.46 | 1.23 | 6.26 | 4.84 | 1.23 | 6.67 | 4.86 | 1.25 | 6.88 | 5.25 | 1.25 | 7.29 | 5.23 | 1.27 | 7.50 | 5.22 | 1.27 | 7.71 | 5.57 | 1.28 |
| | 5 | 5.07 | 4.26 | 1.35 | 5.64 | 4.29 | 1.37 | 5.84 | 4.66 | 1.37 | 6.22 | 4.68 | 1.39 | 6.41 | 5.05 | 1.39 | 6.80 | 5.04 | 1.41 | 6.99 | 5.03 | 1.42 | 7.18 | 5.36 | 1.42 |
| | 10 | 5.12 | 4.29 | 1.06 | 5.71 | 4.32 | 1.07 | 5.90 | 4.69 | 1.08 | 6.29 | 4.71 | 1.09 | 6.49 | 5.08 | 1.10 | 6.88 | 5.07 | 1.11 | 7.07 | 5.06 | 1.11 | 7.27 | 5.40 | 1.12 |
| | 15 | 6.85 | 5.15 | 1.50 | 7.63 | 5.18 | 1.52 | 7.89 | 5.63 | 1.53 | 8.41 | 5.65 | 1.54 | 8.67 | 6.10 | 1.55 | 9.19 | 6.08 | 1.57 | 9.45 | 6.07 | 1.57 | 9.71 | 6.47 | 1.58 |
| | 20 | 7.32 | 5.36 | 1.78 | 8.15 | 5.39 | 1.80 | 8.43 | 5.86 | 1.81 | 8.99 | 5.88 | 1.83 | 9.26 | 6.35 | 1.84 | 9.82 | 6.32 | 1.86 | 10.10 | 6.31 | 1.87 | 10.37 | 6.73 | 1.88 |
| | 25 | 7.00 | 5.21 | 2.06 | 7.80 | 5.25 | 2.09 | 8.06 | 5.70 | 2.10 | 8.60 | 5.72 | 2.12 | 8.86 | 6.18 | 2.13 | 9.39 | 6.16 | 2.15 | 9.66 | 6.15 | 2.17 | 9.93 | 6.56 | 2.18 |
| | 30 | 6.48 | 4.98 | 2.24 | 7.22 | 5.01 | 2.28 | 7.47 | 5.45 | 2.29 | 7.96 | 5.47 | 2.31 | 8.21 | 5.90 | 2.32 | 8.70 | 5.88 | 2.35 | 8.94 | 5.87 | 2.36 | 9.19 | 6.26 | 2.37 |
| | 35 | 6.48 | 4.98 | 2.80 | 7.22 | 5.01 | 2.84 | 7.46 | 5.45 | 2.86 | 7.95 | 5.47 | 2.89 | 8.20 | 5.90 | 2.90 | 8.69 | 5.88 | 2.93 | 8.94 | 5.87 | 2.94 | 9.18 | 6.26 | 2.96 |
| | 40 | 5.97 | 4.66 | 3.16 | 6.65 | 4.69 | 3.20 | 6.88 | 5.09 | 3.22 | 7.33 | 5.11 | 3.25 | 7.56 | 5.52 | 3.27 | 8.01 | 5.50 | 3.30 | 8.24 | 5.49 | 3.32 | 8.46 | 5.85 | 3.34 |
| | 46 | 3.98 | 3.92 | 2.35 | 4.43 | 3.94 | 2.39 | 4.58 | 4.29 | 2.40 | 4.89 | 4.30 | 2.43 | 5.04 | 4.64 | 2.44 | 5.34 | 4.63 | 2.46 | 5.49 | 4.62 | 2.48 | 5.64 | 4.93 | 2.49 |

## ● Indoor unit : 7000Btu + 7000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 7+7+14 | Outdoor temperature (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | 0 | 6.97 | 5.58 | 1.69 | 7.76 | 5.61 | 1.71 | 8.02 | 6.10 | 1.72 | 8.55 | 6.12 | 1.74 | 8.82 | 6.61 | 1.75 | 9.35 | 6.59 | 1.77 | 9.61 | 6.57 | 1.77 | 9.87 | 7.01 | 1.78 |
| | 5 | 6.50 | 5.36 | 1.86 | 7.24 | 5.40 | 1.89 | 7.48 | 5.87 | 1.90 | 7.98 | 5.89 | 1.92 | 8.22 | 6.36 | 1.93 | 8.72 | 6.33 | 1.95 | 8.96 | 6.32 | 1.96 | 9.21 | 6.74 | 1.97 |
| | 10 | 6.60 | 5.41 | 1.50 | 7.35 | 5.44 | 1.52 | 7.60 | 5.91 | 1.53 | 8.10 | 5.94 | 1.54 | 8.35 | 6.41 | 1.55 | 8.85 | 6.39 | 1.57 | 9.10 | 6.37 | 1.57 | 9.35 | 6.80 | 1.58 |
| | 15 | 6.73 | 5.47 | 1.65 | 7.50 | 5.50 | 1.67 | 7.75 | 5.98 | 1.68 | 8.26 | 6.01 | 1.70 | 8.52 | 6.48 | 1.71 | 9.03 | 6.46 | 1.73 | 9.29 | 6.45 | 1.73 | 9.54 | 6.88 | 1.74 |
| | 20 | 7.22 | 5.69 | 1.91 | 8.04 | 5.73 | 1.94 | 8.32 | 6.23 | 1.95 | 8.87 | 6.25 | 1.97 | 9.14 | 6.75 | 1.98 | 9.69 | 6.72 | 2.00 | 9.96 | 6.71 | 2.01 | 10.24 | 7.16 | 2.02 |
| | 25 | 6.89 | 5.54 | 2.23 | 7.67 | 5.58 | 2.27 | 7.93 | 6.06 | 2.28 | 8.46 | 6.08 | 2.30 | 8.72 | 6.57 | 2.32 | 9.24 | 6.54 | 2.34 | 9.50 | 6.53 | 2.35 | 9.76 | 6.97 | 2.36 |
| | 30 | 6.38 | 5.31 | 2.43 | 7.11 | 5.34 | 2.47 | 7.35 | 5.81 | 2.48 | 7.84 | 5.83 | 2.50 | 8.08 | 6.29 | 2.52 | 8.56 | 6.27 | 2.54 | 8.80 | 6.26 | 2.56 | 9.05 | 6.68 | 2.57 |
| | 35 | 7.03 | 5.61 | 3.31 | 7.83 | 5.64 | 3.36 | 8.10 | 6.13 | 3.38 | 8.63 | 6.16 | 3.41 | 8.90 | 6.65 | 3.43 | 9.43 | 6.62 | 3.46 | 9.70 | 6.61 | 3.48 | 9.97 | 7.05 | 3.50 |
| | 40 | 6.05 | 4.80 | 3.16 | 6.73 | 4.83 | 3.20 | 6.96 | 5.25 | 3.22 | 7.42 | 5.27 | 3.25 | 7.65 | 5.69 | 3.27 | 8.11 | 5.67 | 3.30 | 8.34 | 5.66 | 3.32 | 8.57 | 6.04 | 3.34 |
| | 46 | 4.02 | 3.98 | 2.35 | 4.48 | 4.01 | 2.39 | 4.63 | 4.36 | 2.40 | 4.94 | 4.37 | 2.43 | 5.09 | 4.72 | 2.44 | 5.39 | 4.70 | 2.46 | 5.55 | 4.69 | 2.48 | 5.70 | 5.01 | 2.49 |

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)



OUTDOOR UNIT
AO∗G30L4

Note: The total capacity of connected a indoor unit is up to 49000Btu from 27000Btu.

## ● Indoor unit : 7000Btu + 7000Btu + 18000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 7+7+18 | Outdoor temperature (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | 0 | 7.48 | 6.05 | 1.24 | 8.33 | 6.09 | 1.26 | 8.61 | 6.61 | 1.27 | 9.18 | 6.64 | 1.28 | 9.47 | 7.17 | 1.29 | 10.03 | 7.14 | 1.30 | 10.32 | 7.13 | 1.31 | 10.60 | 7.60 | 1.31 |
| | 5 | 7.01 | 5.84 | 1.61 | 7.81 | 5.88 | 1.63 | 8.07 | 6.39 | 1.64 | 8.61 | 6.41 | 1.66 | 8.87 | 6.92 | 1.67 | 9.40 | 6.90 | 1.68 | 9.67 | 6.88 | 1.69 | 9.94 | 7.34 | 1.70 |
| | 10 | 7.14 | 5.90 | 1.64 | 7.95 | 5.94 | 1.66 | 8.23 | 6.45 | 1.67 | 8.77 | 6.48 | 1.69 | 9.04 | 6.99 | 1.70 | 9.58 | 6.96 | 1.71 | 9.85 | 6.95 | 1.72 | 10.12 | 7.42 | 1.73 |
| | 15 | 7.81 | 6.19 | 1.86 | 8.70 | 6.23 | 1.89 | 8.99 | 6.77 | 1.90 | 9.59 | 6.80 | 1.92 | 9.88 | 7.34 | 1.93 | 10.48 | 7.31 | 1.95 | 10.77 | 7.30 | 1.96 | 11.07 | 7.79 | 1.97 |
| | 20 | 8.52 | 6.51 | 2.08 | 9.49 | 6.55 | 2.12 | 9.81 | 7.12 | 2.13 | 10.46 | 7.14 | 2.15 | 10.78 | 7.71 | 2.16 | 11.43 | 7.68 | 2.18 | 11.76 | 7.67 | 2.19 | 12.08 | 8.18 | 2.20 |
| | 25 | 8.88 | 6.66 | 2.72 | 9.89 | 6.71 | 2.77 | 10.23 | 7.29 | 2.78 | 10.90 | 7.32 | 2.81 | 11.24 | 7.90 | 2.82 | 11.91 | 7.87 | 2.85 | 12.25 | 7.86 | 2.86 | 12.58 | 8.38 | 2.88 |
| | 30 | 8.24 | 6.38 | 2.95 | 9.18 | 6.43 | 2.99 | 9.49 | 6.98 | 3.01 | 10.12 | 7.01 | 3.04 | 10.43 | 7.57 | 3.06 | 11.06 | 7.54 | 3.09 | 11.37 | 7.53 | 3.10 | 11.69 | 8.03 | 3.12 |
| | 35 | 7.90 | 6.23 | 3.43 | 8.80 | 6.27 | 3.48 | 9.10 | 6.82 | 3.50 | 9.70 | 6.84 | 3.53 | 10.00 | 7.39 | 3.55 | 10.60 | 7.36 | 3.58 | 10.90 | 7.35 | 3.58 | 11.20 | 7.84 | 3.58 |
| | 40 | 6.22 | 5.49 | 3.16 | 6.93 | 5.52 | 3.20 | 7.16 | 6.00 | 3.22 | 7.63 | 6.02 | 3.25 | 7.87 | 6.50 | 3.27 | 8.34 | 6.48 | 3.30 | 8.58 | 6.47 | 3.32 | 8.81 | 6.90 | 3.34 |
| | 46 | 4.10 | 4.10 | 2.35 | 4.57 | 4.13 | 2.39 | 4.72 | 4.49 | 2.40 | 5.03 | 4.51 | 2.43 | 5.19 | 4.87 | 2.44 | 5.50 | 4.85 | 2.46 | 5.66 | 4.84 | 2.48 | 5.81 | 5.17 | 2.49 |

## ● Indoor unit : 7000Btu + 7000Btu + 24000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 7+7+24 | Outdoor temperature (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | 0 | 8.27 | 6.62 | 1.56 | 9.22 | 6.67 | 1.59 | 9.53 | 7.24 | 1.60 | 10.16 | 7.27 | 1.61 | 10.47 | 7.85 | 1.62 | 11.10 | 7.82 | 1.64 | 11.42 | 7.81 | 1.64 | 11.73 | 8.33 | 1.65 |
| | 5 | 7.87 | 6.45 | 1.81 | 8.76 | 6.49 | 1.84 | 9.06 | 7.05 | 1.85 | 9.66 | 7.08 | 1.87 | 9.96 | 7.64 | 1.88 | 10.56 | 7.61 | 1.90 | 10.86 | 7.60 | 1.91 | 11.16 | 8.11 | 1.92 |
| | 10 | 7.99 | 6.50 | 2.03 | 8.90 | 6.54 | 2.07 | 9.20 | 7.11 | 2.08 | 9.81 | 7.13 | 2.10 | 10.11 | 7.70 | 2.11 | 10.72 | 7.67 | 2.13 | 11.02 | 7.66 | 2.14 | 11.32 | 8.17 | 2.15 |
| | 15 | 8.76 | 6.84 | 2.23 | 9.76 | 6.88 | 2.27 | 10.09 | 7.48 | 2.28 | 10.76 | 7.51 | 2.30 | 11.09 | 8.10 | 2.31 | 11.76 | 8.07 | 2.34 | 12.09 | 8.06 | 2.35 | 12.42 | 8.60 | 2.36 |
| | 20 | 8.62 | 6.77 | 2.08 | 9.60 | 6.82 | 2.11 | 9.93 | 7.41 | 2.12 | 10.58 | 7.44 | 2.14 | 10.91 | 8.03 | 2.15 | 11.56 | 8.00 | 2.18 | 11.89 | 7.99 | 2.19 | 12.22 | 8.52 | 2.20 |
| | 25 | 9.21 | 7.03 | 2.89 | 10.26 | 7.08 | 2.94 | 10.61 | 7.69 | 2.95 | 11.31 | 7.72 | 2.98 | 11.66 | 8.33 | 3.00 | 12.36 | 8.30 | 3.03 | 12.71 | 8.29 | 3.04 | 13.06 | 8.84 | 3.06 |
| | 30 | 8.59 | 6.76 | 3.12 | 9.57 | 6.81 | 3.17 | 9.90 | 7.40 | 3.18 | 10.55 | 7.43 | 3.22 | 10.88 | 8.02 | 3.23 | 11.53 | 7.99 | 3.26 | 11.86 | 7.97 | 3.28 | 12.18 | 8.50 | 3.30 |
| | 35 | 7.98 | 6.49 | 3.41 | 8.89 | 6.54 | 3.46 | 9.19 | 7.10 | 3.48 | 9.80 | 7.13 | 3.51 | 10.10 | 7.70 | 3.53 | 10.71 | 7.67 | 3.58 | 11.01 | 7.66 | 3.58 | 11.31 | 8.17 | 3.58 |
| | 40 | 6.42 | 5.52 | 3.16 | 7.15 | 5.56 | 3.20 | 7.40 | 6.04 | 3.22 | 7.89 | 6.06 | 3.25 | 8.13 | 6.55 | 3.27 | 8.62 | 6.52 | 3.30 | 8.86 | 6.51 | 3.32 | 9.11 | 6.95 | 3.34 |
| | 46 | 4.22 | 4.22 | 2.35 | 4.70 | 4.32 | 2.39 | 4.86 | 4.70 | 2.40 | 5.18 | 4.72 | 2.43 | 5.34 | 5.09 | 2.44 | 5.66 | 5.07 | 2.46 | 5.82 | 5.06 | 2.48 | 5.98 | 5.40 | 2.49 |

## ● Indoor unit : 7000Btu + 9000Btu + 9000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 7+9+9 | Outdoor temperature (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | 0 | 5.82 | 4.75 | 1.19 | 6.49 | 4.78 | 1.21 | 6.71 | 5.20 | 1.22 | 7.15 | 5.22 | 1.23 | 7.37 | 5.63 | 1.24 | 7.81 | 5.61 | 1.25 | 8.03 | 5.60 | 1.25 | 8.25 | 5.97 | 1.26 |
| | 5 | 5.43 | 4.57 | 1.33 | 6.04 | 4.60 | 1.35 | 6.25 | 5.00 | 1.36 | 6.66 | 5.02 | 1.37 | 6.87 | 5.42 | 1.38 | 7.28 | 5.40 | 1.39 | 7.49 | 5.39 | 1.40 | 7.69 | 5.75 | 1.41 |
| | 10 | 5.48 | 4.60 | 1.55 | 6.10 | 4.62 | 1.57 | 6.31 | 5.03 | 1.58 | 6.73 | 5.05 | 1.60 | 6.93 | 5.45 | 1.60 | 7.35 | 5.43 | 1.62 | 7.56 | 5.42 | 1.63 | 7.77 | 5.78 | 1.64 |
| | 15 | 6.95 | 5.24 | 1.48 | 7.74 | 5.27 | 1.50 | 8.00 | 5.73 | 1.51 | 8.53 | 5.75 | 1.52 | 8.79 | 6.21 | 1.53 | 9.32 | 6.19 | 1.55 | 9.58 | 6.18 | 1.56 | 9.85 | 6.59 | 1.56 |
| | 20 | 7.41 | 5.45 | 1.77 | 8.25 | 5.48 | 1.80 | 8.53 | 5.96 | 1.81 | 9.09 | 5.98 | 1.83 | 9.38 | 6.46 | 1.84 | 9.94 | 6.43 | 1.86 | 10.22 | 6.42 | 1.87 | 10.50 | 6.85 | 1.88 |
| | 25 | 7.10 | 5.31 | 2.05 | 7.91 | 5.34 | 2.08 | 8.17 | 5.80 | 2.09 | 8.71 | 5.83 | 2.11 | 8.98 | 6.29 | 2.12 | 9.52 | 6.27 | 2.14 | 9.79 | 6.26 | 2.15 | 10.06 | 6.67 | 2.17 |
| | 30 | 6.57 | 5.07 | 2.23 | 7.32 | 5.10 | 2.27 | 7.57 | 5.54 | 2.28 | 8.07 | 5.56 | 2.30 | 8.31 | 6.01 | 2.31 | 8.81 | 5.99 | 2.34 | 9.06 | 5.97 | 2.35 | 9.31 | 6.37 | 2.36 |
| | 35 | 6.56 | 5.06 | 2.80 | 7.30 | 5.10 | 2.84 | 7.55 | 5.54 | 2.86 | 8.05 | 5.56 | 2.89 | 8.30 | 6.00 | 2.90 | 8.80 | 5.98 | 2.93 | 9.05 | 5.97 | 2.94 | 9.30 | 6.37 | 2.96 |
| | 40 | 5.93 | 4.58 | 3.16 | 6.61 | 4.61 | 3.20 | 6.83 | 5.01 | 3.22 | 7.28 | 5.03 | 3.25 | 7.51 | 5.43 | 3.27 | 7.96 | 5.41 | 3.30 | 8.19 | 5.40 | 3.32 | 8.41 | 5.76 | 3.34 |
| | 46 | 3.96 | 3.89 | 2.35 | 4.41 | 3.91 | 2.39 | 4.56 | 4.25 | 2.40 | 4.86 | 4.27 | 2.43 | 5.01 | 4.61 | 2.44 | 5.31 | 4.59 | 2.46 | 5.46 | 4.58 | 2.48 | 5.61 | 4.89 | 2.49 |

## ● Indoor unit : 7000Btu + 9000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 7+9+12 | Outdoor temperature (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | 0 | 6.97 | 5.35 | 1.68 | 7.76 | 5.38 | 1.70 | 8.02 | 5.85 | 1.71 | 8.55 | 5.87 | 1.73 | 8.82 | 6.34 | 1.74 | 9.35 | 6.31 | 1.76 | 9.61 | 6.30 | 1.76 | 9.87 | 6.72 | 1.77 |
| | 5 | 6.50 | 5.14 | 1.85 | 7.24 | 5.18 | 1.88 | 7.48 | 5.62 | 1.89 | 7.98 | 5.65 | 1.91 | 8.22 | 6.09 | 1.92 | 8.72 | 6.07 | 1.94 | 8.96 | 6.06 | 1.95 | 9.21 | 6.47 | 1.96 |
| | 10 | 6.60 | 5.19 | 1.49 | 7.35 | 5.22 | 1.51 | 7.60 | 5.67 | 1.52 | 8.10 | 5.69 | 1.53 | 8.35 | 6.15 | 1.54 | 8.85 | 6.12 | 1.56 | 9.10 | 6.11 | 1.56 | 9.35 | 6.52 | 1.57 |
| | 15 | 6.73 | 5.24 | 1.64 | 7.50 | 5.28 | 1.66 | 7.75 | 5.74 | 1.67 | 8.26 | 5.76 | 1.69 | 8.52 | 6.22 | 1.70 | 9.03 | 6.19 | 1.72 | 9.29 | 6.18 | 1.72 | 9.54 | 6.59 | 1.73 |
| | 20 | 7.22 | 5.46 | 1.90 | 8.04 | 5.50 | 1.93 | 8.32 | 5.97 | 1.94 | 8.87 | 5.99 | 1.96 | 9.14 | 6.47 | 1.97 | 9.69 | 6.45 | 1.99 | 9.96 | 6.44 | 2.00 | 10.24 | 6.87 | 2.01 |
| | 25 | 6.89 | 5.31 | 2.22 | 7.67 | 5.35 | 2.26 | 7.93 | 5.81 | 2.27 | 8.46 | 5.83 | 2.29 | 8.72 | 6.30 | 2.30 | 9.24 | 6.27 | 2.33 | 9.50 | 6.26 | 2.34 | 9.76 | 6.68 | 2.35 |
| | 30 | 6.38 | 5.09 | 2.42 | 7.11 | 5.12 | 2.45 | 7.35 | 5.57 | 2.47 | 7.84 | 5.59 | 2.49 | 8.08 | 6.03 | 2.50 | 8.56 | 6.01 | 2.53 | 8.80 | 6.00 | 2.54 | 9.05 | 6.40 | 2.55 |
| | 35 | 7.03 | 5.38 | 3.29 | 7.83 | 5.41 | 3.34 | 8.10 | 5.88 | 3.36 | 8.63 | 5.90 | 3.39 | 8.90 | 6.37 | 3.41 | 9.43 | 6.35 | 3.44 | 9.70 | 6.34 | 3.46 | 9.97 | 6.76 | 3.48 |
| | 40 | 6.05 | 4.80 | 3.16 | 6.73 | 4.83 | 3.20 | 6.96 | 5.25 | 3.22 | 7.42 | 5.27 | 3.25 | 7.65 | 5.69 | 3.27 | 8.11 | 5.67 | 3.30 | 8.34 | 5.66 | 3.32 | 8.57 | 6.04 | 3.34 |
| | 46 | 4.02 | 3.98 | 2.35 | 4.48 | 4.01 | 2.39 | 4.63 | 4.36 | 2.40 | 4.94 | 4.37 | 2.43 | 5.09 | 4.72 | 2.44 | 5.39 | 4.70 | 2.46 | 5.55 | 4.69 | 2.48 | 5.70 | 5.01 | 2.49 |

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)



OUTDOOR UNIT
AO*G30L4

## ● Indoor unit : 7000Btu + 9000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+9+14 Outdoor temperature | 0 | 6.79 | 5.29 | 1.68 | 7.56 | 5.33 | 1.71 | 7.82 | 5.79 | 1.72 | 8.33 | 5.81 | 1.73 | 8.59 | 6.27 | 1.74 | 9.11 | 6.25 | 1.76 | 9.36 | 6.24 | 1.77 | 9.62 | 6.66 | 1.78 |
| | 5 | 6.34 | 5.10 | 1.84 | 7.06 | 5.13 | 1.87 | 7.31 | 5.58 | 1.88 | 7.79 | 5.60 | 1.90 | 8.03 | 6.05 | 1.91 | 8.51 | 6.02 | 1.93 | 8.75 | 6.01 | 1.94 | 8.99 | 6.41 | 1.95 |
| | 10 | 6.45 | 5.15 | 1.51 | 7.19 | 5.18 | 1.53 | 7.43 | 5.63 | 1.54 | 7.92 | 5.65 | 1.56 | 8.17 | 6.10 | 1.57 | 8.66 | 6.08 | 1.58 | 8.90 | 6.07 | 1.59 | 9.15 | 6.48 | 1.60 |
| | 15 | 6.98 | 5.36 | 1.75 | 7.78 | 5.39 | 1.78 | 8.04 | 5.86 | 1.78 | 8.57 | 5.88 | 1.80 | 8.84 | 6.35 | 1.81 | 9.37 | 6.32 | 1.83 | 9.63 | 6.31 | 1.84 | 9.90 | 6.73 | 1.85 |
| | 20 | 7.58 | 5.62 | 2.00 | 8.44 | 5.65 | 2.03 | 8.73 | 6.14 | 2.04 | 9.31 | 6.16 | 2.06 | 9.60 | 6.65 | 2.07 | 10.17 | 6.63 | 2.09 | 10.46 | 6.62 | 2.10 | 10.75 | 7.06 | 2.11 |
| | 25 | 7.21 | 5.45 | 2.35 | 8.03 | 5.49 | 2.39 | 8.30 | 5.96 | 2.40 | 8.85 | 5.99 | 2.43 | 9.12 | 6.46 | 2.44 | 9.67 | 6.44 | 2.46 | 9.94 | 6.43 | 2.48 | 10.22 | 6.86 | 2.49 |
| | 30 | 6.68 | 5.23 | 2.56 | 7.45 | 5.26 | 2.59 | 7.70 | 5.72 | 2.61 | 8.21 | 5.74 | 2.63 | 8.46 | 6.19 | 2.65 | 8.97 | 6.17 | 2.67 | 9.22 | 6.16 | 2.69 | 9.48 | 6.57 | 2.70 |
| | 35 | 7.03 | 5.38 | 3.29 | 7.83 | 5.41 | 3.34 | 8.10 | 5.88 | 3.36 | 8.63 | 5.90 | 3.39 | 8.90 | 6.37 | 3.41 | 9.43 | 6.35 | 3.44 | 9.70 | 6.34 | 3.46 | 9.97 | 6.76 | 3.48 |
| | 40 | 6.12 | 4.95 | 3.16 | 6.82 | 4.98 | 3.20 | 7.05 | 5.41 | 3.22 | 7.52 | 5.43 | 3.25 | 7.75 | 5.86 | 3.27 | 8.21 | 5.84 | 3.30 | 8.45 | 5.83 | 3.32 | 8.68 | 6.22 | 3.34 |
| | 46 | 4.06 | 4.05 | 2.35 | 4.52 | 4.07 | 2.39 | 4.68 | 4.42 | 2.40 | 4.99 | 4.44 | 2.43 | 5.14 | 4.79 | 2.44 | 5.45 | 4.78 | 2.46 | 5.60 | 4.77 | 2.48 | 5.76 | 5.09 | 2.49 |

OUTDOOR UNIT
AO∗G30L4

## ● Indoor unit : 7000Btu + 9000Btu + 18000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+9+18 Outdoor temperature | 0 | 7.21 | 5.79 | 1.39 | 8.03 | 5.82 | 1.41 | 8.31 | 6.33 | 1.42 | 8.86 | 6.35 | 1.43 | 9.13 | 6.86 | 1.44 | 9.68 | 6.83 | 1.45 | 9.95 | 6.82 | 1.46 | 10.23 | 7.28 | 1.47 |
| | 5 | 6.79 | 5.60 | 1.73 | 7.56 | 5.63 | 1.76 | 7.82 | 6.12 | 1.77 | 8.33 | 6.14 | 1.78 | 8.59 | 6.63 | 1.79 | 9.10 | 6.61 | 1.81 | 9.36 | 6.60 | 1.82 | 9.62 | 7.04 | 1.83 |
| | 10 | 6.91 | 5.65 | 1.82 | 7.70 | 5.69 | 1.85 | 7.96 | 6.18 | 1.86 | 8.49 | 6.21 | 1.88 | 8.75 | 6.70 | 1.89 | 9.28 | 6.68 | 1.91 | 9.54 | 6.66 | 1.92 | 9.80 | 7.11 | 1.93 |
| | 15 | 7.41 | 5.87 | 2.00 | 8.25 | 5.91 | 2.03 | 8.54 | 6.42 | 2.04 | 9.10 | 6.45 | 2.06 | 9.38 | 6.96 | 2.07 | 9.94 | 6.94 | 2.09 | 10.22 | 6.92 | 2.11 | 10.51 | 7.39 | 2.12 |
| | 20 | 7.76 | 6.03 | 2.09 | 8.64 | 6.07 | 2.12 | 8.93 | 6.59 | 2.13 | 9.52 | 6.62 | 2.16 | 9.82 | 7.14 | 2.17 | 10.41 | 7.12 | 2.19 | 10.70 | 7.10 | 2.20 | 11.00 | 7.58 | 2.21 |
| | 25 | 8.05 | 6.16 | 2.76 | 8.97 | 6.20 | 2.80 | 9.27 | 6.73 | 2.81 | 9.88 | 6.76 | 2.84 | 10.19 | 7.30 | 2.86 | 10.80 | 7.27 | 2.88 | 11.11 | 7.26 | 2.90 | 11.41 | 7.74 | 2.91 |
| | 30 | 7.48 | 5.91 | 2.98 | 8.34 | 5.94 | 3.03 | 8.62 | 6.46 | 3.04 | 9.19 | 6.48 | 3.07 | 9.47 | 7.00 | 3.09 | 10.04 | 6.97 | 3.12 | 10.33 | 6.96 | 3.13 | 10.61 | 7.43 | 3.15 |
| | 35 | 7.19 | 5.78 | 3.44 | 8.01 | 5.81 | 3.49 | 8.28 | 6.32 | 3.51 | 8.83 | 6.34 | 3.54 | 9.10 | 6.84 | 3.56 | 9.65 | 6.82 | 3.58 | 9.92 | 6.81 | 3.58 | 10.19 | 7.26 | 3.58 |
| | 40 | 6.27 | 5.23 | 3.16 | 6.99 | 5.27 | 3.20 | 7.22 | 5.72 | 3.22 | 7.70 | 5.75 | 3.25 | 7.94 | 6.20 | 3.27 | 8.42 | 6.18 | 3.30 | 8.65 | 6.17 | 3.32 | 8.89 | 6.58 | 3.34 |
| | 46 | 4.14 | 4.14 | 2.35 | 4.61 | 4.20 | 2.39 | 4.77 | 4.56 | 2.40 | 5.08 | 4.58 | 2.43 | 5.24 | 4.94 | 2.44 | 5.56 | 4.93 | 2.46 | 5.71 | 4.92 | 2.48 | 5.87 | 5.24 | 2.49 |

## ● Indoor unit : 7000Btu + 9000Btu + 24000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+9+24 Outdoor temperature | 0 | 8.31 | 6.80 | 1.62 | 9.26 | 6.85 | 1.65 | 9.57 | 7.44 | 1.66 | 10.20 | 7.47 | 1.67 | 10.52 | 8.06 | 1.68 | 11.15 | 8.03 | 1.70 | 11.46 | 8.02 | 1.71 | 11.78 | 8.55 | 1.72 |
| | 5 | 7.96 | 6.65 | 1.82 | 8.86 | 6.69 | 1.85 | 9.17 | 7.27 | 1.86 | 9.77 | 7.30 | 1.88 | 10.07 | 7.88 | 1.89 | 10.68 | 7.85 | 1.91 | 10.98 | 7.84 | 1.92 | 11.28 | 8.36 | 1.92 |
| | 10 | 8.05 | 6.69 | 1.88 | 8.96 | 6.73 | 1.91 | 9.27 | 7.32 | 1.92 | 9.88 | 7.34 | 1.94 | 10.19 | 7.93 | 1.95 | 10.80 | 7.90 | 1.97 | 11.10 | 7.88 | 1.98 | 11.41 | 8.41 | 1.99 |
| | 15 | 8.71 | 6.95 | 2.28 | 9.70 | 6.99 | 2.31 | 10.03 | 7.60 | 2.33 | 10.69 | 7.63 | 2.35 | 11.02 | 8.23 | 2.36 | 11.69 | 8.20 | 2.38 | 12.02 | 8.19 | 2.40 | 12.35 | 8.74 | 2.41 |
| | 20 | 8.63 | 6.91 | 2.08 | 9.61 | 6.96 | 2.11 | 9.94 | 7.56 | 2.12 | 10.59 | 7.59 | 2.15 | 10.92 | 8.19 | 2.16 | 11.57 | 8.16 | 2.18 | 11.90 | 8.15 | 2.19 | 12.23 | 8.69 | 2.20 |
| | 25 | 9.17 | 7.15 | 2.92 | 10.21 | 7.20 | 2.97 | 10.56 | 7.82 | 2.98 | 11.26 | 7.85 | 3.01 | 11.61 | 8.47 | 3.03 | 12.30 | 8.44 | 3.06 | 12.65 | 8.43 | 3.07 | 13.00 | 8.99 | 3.09 |
| | 30 | 8.58 | 6.89 | 3.14 | 9.55 | 6.93 | 3.19 | 9.88 | 7.53 | 3.21 | 10.53 | 7.56 | 3.24 | 10.85 | 8.16 | 3.26 | 11.51 | 8.14 | 3.29 | 11.83 | 8.12 | 3.30 | 12.16 | 8.66 | 3.32 |
| | 35 | 7.98 | 6.63 | 3.41 | 8.89 | 6.67 | 3.46 | 9.19 | 7.25 | 3.48 | 9.80 | 7.28 | 3.51 | 10.10 | 7.85 | 3.53 | 10.71 | 7.83 | 3.58 | 11.01 | 7.81 | 3.58 | 11.31 | 8.33 | 3.58 |
| | 40 | 6.50 | 5.67 | 3.16 | 7.24 | 5.70 | 3.20 | 7.49 | 6.20 | 3.22 | 7.98 | 6.22 | 3.25 | 8.23 | 6.72 | 3.27 | 8.72 | 6.69 | 3.30 | 8.97 | 6.68 | 3.32 | 9.21 | 7.13 | 3.34 |
| | 46 | 4.26 | 4.26 | 2.35 | 4.75 | 4.39 | 2.39 | 4.91 | 4.77 | 2.40 | 5.23 | 4.79 | 2.43 | 5.39 | 5.17 | 2.44 | 5.72 | 5.15 | 2.46 | 5.88 | 5.14 | 2.48 | 6.04 | 5.48 | 2.49 |

## ● Indoor unit : 7000Btu + 12000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+12+12 Outdoor temperature | 0 | 6.84 | 5.48 | 1.77 | 7.62 | 5.51 | 1.80 | 7.88 | 5.99 | 1.80 | 8.39 | 6.01 | 1.82 | 8.65 | 6.49 | 1.83 | 9.17 | 6.47 | 1.85 | 9.43 | 6.45 | 1.86 | 9.69 | 6.88 | 1.87 |
| | 5 | 6.40 | 5.28 | 1.93 | 7.13 | 5.32 | 1.96 | 7.37 | 5.78 | 1.97 | 7.86 | 5.80 | 1.99 | 8.10 | 6.26 | 2.00 | 8.58 | 6.24 | 2.02 | 8.83 | 6.23 | 2.03 | 9.07 | 6.64 | 2.04 |
| | 10 | 6.52 | 5.33 | 1.60 | 7.26 | 5.37 | 1.62 | 7.50 | 5.83 | 1.63 | 8.00 | 5.86 | 1.65 | 8.25 | 6.32 | 1.66 | 8.74 | 6.30 | 1.67 | 8.99 | 6.29 | 1.68 | 9.24 | 6.71 | 1.69 |
| | 15 | 7.12 | 5.60 | 1.84 | 7.93 | 5.64 | 1.86 | 8.20 | 6.13 | 1.87 | 8.74 | 6.15 | 1.89 | 9.01 | 6.64 | 1.90 | 9.56 | 6.61 | 1.92 | 9.83 | 6.60 | 1.93 | 10.10 | 7.04 | 1.94 |
| | 20 | 7.75 | 5.88 | 2.08 | 8.63 | 5.92 | 2.11 | 8.93 | 6.43 | 2.12 | 9.52 | 6.45 | 2.14 | 9.81 | 6.97 | 2.15 | 10.40 | 6.94 | 2.17 | 10.70 | 6.93 | 2.18 | 10.99 | 7.39 | 2.19 |
| | 25 | 7.36 | 5.70 | 2.46 | 8.19 | 5.74 | 2.49 | 8.47 | 6.24 | 2.51 | 9.03 | 6.26 | 2.53 | 9.31 | 6.76 | 2.55 | 9.87 | 6.74 | 2.57 | 10.15 | 6.72 | 2.58 | 10.43 | 7.17 | 2.60 |
| | 30 | 6.83 | 5.47 | 2.66 | 7.60 | 5.51 | 2.70 | 7.86 | 5.98 | 2.72 | 8.38 | 6.01 | 2.75 | 8.64 | 6.48 | 2.76 | 9.16 | 6.46 | 2.79 | 9.42 | 6.45 | 2.80 | 9.68 | 6.88 | 2.81 |
| | 35 | 7.19 | 5.63 | 3.42 | 8.01 | 5.67 | 3.47 | 8.28 | 6.16 | 3.49 | 8.83 | 6.18 | 3.52 | 9.10 | 6.67 | 3.54 | 9.65 | 6.65 | 3.58 | 9.92 | 6.64 | 3.58 | 10.19 | 7.08 | 3.58 |
| | 40 | 6.16 | 5.02 | 3.16 | 6.86 | 5.05 | 3.20 | 7.09 | 5.49 | 3.22 | 7.56 | 5.51 | 3.25 | 7.80 | 5.95 | 3.27 | 8.26 | 5.92 | 3.30 | 8.50 | 5.91 | 3.32 | 8.73 | 6.31 | 3.34 |
| | 46 | 4.08 | 4.08 | 2.35 | 4.55 | 4.10 | 2.39 | 4.70 | 4.46 | 2.40 | 5.01 | 4.48 | 2.43 | 5.17 | 4.83 | 2.44 | 5.48 | 4.81 | 2.46 | 5.63 | 4.81 | 2.48 | 5.79 | 5.13 | 2.49 |

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

## ● Indoor unit : 7000Btu + 12000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+12+14 Outdoor temperature | 0 | 6.92 | 5.63 | 1.27 | 7.71 | 5.66 | 1.29 | 7.97 | 6.15 | 1.30 | 8.49 | 6.18 | 1.31 | 8.76 | 6.67 | 1.32 | 9.28 | 6.64 | 1.33 | 9.55 | 6.63 | 1.34 | 9.81 | 7.07 | 1.34 |
| | 5 | 6.50 | 5.44 | 1.62 | 7.24 | 5.47 | 1.64 | 7.48 | 5.95 | 1.65 | 7.98 | 5.97 | 1.67 | 8.22 | 6.45 | 1.67 | 8.72 | 6.42 | 1.69 | 8.96 | 6.41 | 1.70 | 9.21 | 6.84 | 1.71 |
| | 10 | 6.62 | 5.49 | 1.67 | 7.37 | 5.53 | 1.70 | 7.62 | 6.01 | 1.71 | 8.13 | 6.03 | 1.72 | 8.38 | 6.51 | 1.73 | 8.88 | 6.49 | 1.75 | 9.13 | 6.48 | 1.76 | 9.38 | 6.91 | 1.77 |
| | 15 | 7.51 | 5.86 | 1.98 | 8.37 | 5.90 | 2.01 | 8.65 | 6.41 | 2.02 | 9.22 | 6.43 | 2.04 | 9.51 | 6.95 | 2.05 | 10.08 | 6.92 | 2.07 | 10.36 | 6.91 | 2.08 | 10.65 | 7.37 | 2.09 |
| | 20 | 7.84 | 6.00 | 2.09 | 8.73 | 6.04 | 2.12 | 9.03 | 6.57 | 2.13 | 9.63 | 6.59 | 2.15 | 9.92 | 7.12 | 2.17 | 10.52 | 7.09 | 2.19 | 10.82 | 7.08 | 2.20 | 11.11 | 7.55 | 2.21 |
| | 25 | 8.15 | 6.14 | 2.74 | 9.08 | 6.18 | 2.79 | 9.39 | 6.72 | 2.80 | 10.01 | 6.74 | 2.83 | 10.32 | 7.28 | 2.84 | 10.94 | 7.25 | 2.87 | 11.25 | 7.24 | 2.89 | 11.56 | 7.72 | 2.90 |
| | 30 | 7.57 | 5.89 | 2.97 | 8.44 | 5.93 | 3.02 | 8.73 | 6.44 | 3.03 | 9.30 | 6.46 | 3.06 | 9.59 | 6.98 | 3.08 | 10.16 | 6.95 | 3.11 | 10.45 | 6.94 | 3.12 | 10.74 | 7.40 | 3.14 |
| | 35 | 7.27 | 5.75 | 3.44 | 8.10 | 5.79 | 3.49 | 8.37 | 6.29 | 3.51 | 8.92 | 6.32 | 3.54 | 9.20 | 6.82 | 3.56 | 9.75 | 6.79 | 3.58 | 10.03 | 6.78 | 3.58 | 10.30 | 7.23 | 3.58 |
| | 40 | 6.23 | 5.16 | 3.16 | 6.94 | 5.20 | 3.20 | 7.18 | 5.65 | 3.22 | 7.66 | 5.67 | 3.25 | 7.89 | 6.12 | 3.27 | 8.37 | 6.10 | 3.30 | 8.60 | 6.08 | 3.32 | 8.84 | 6.49 | 3.34 |
| | 46 | 4.12 | 4.12 | 2.35 | 4.59 | 4.17 | 2.39 | 4.75 | 4.53 | 2.40 | 5.06 | 4.54 | 2.43 | 5.22 | 4.91 | 2.44 | 5.53 | 4.89 | 2.46 | 5.69 | 4.88 | 2.48 | 5.84 | 5.21 | 2.49 |

## ● Indoor unit : 7000Btu + 12000Btu + 18000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+12+18 Outdoor temperature | 0 | 8.14 | 6.48 | 1.55 | 9.06 | 6.52 | 1.57 | 9.37 | 7.08 | 1.58 | 9.99 | 7.11 | 1.59 | 10.30 | 7.68 | 1.60 | 10.92 | 7.65 | 1.62 | 11.23 | 7.63 | 1.63 | 11.53 | 8.14 | 1.63 |
| | 5 | 7.71 | 6.29 | 1.83 | 8.59 | 6.33 | 1.85 | 8.89 | 6.88 | 1.86 | 9.47 | 6.91 | 1.88 | 9.76 | 7.46 | 1.89 | 10.35 | 7.43 | 1.91 | 10.64 | 7.42 | 1.92 | 10.94 | 7.91 | 1.93 |
| | 10 | 7.84 | 6.35 | 2.02 | 8.73 | 6.39 | 2.05 | 9.03 | 6.94 | 2.06 | 9.63 | 6.97 | 2.08 | 9.93 | 7.52 | 2.09 | 10.52 | 7.50 | 2.11 | 10.82 | 7.48 | 2.12 | 11.12 | 7.98 | 2.13 |
| | 15 | 8.61 | 6.68 | 2.23 | 9.59 | 6.73 | 2.26 | 9.92 | 7.31 | 2.27 | 10.57 | 7.34 | 2.30 | 10.90 | 7.92 | 2.31 | 11.56 | 7.89 | 2.33 | 11.88 | 7.88 | 2.34 | 12.21 | 8.41 | 2.35 |
| | 20 | 8.45 | 6.61 | 2.10 | 9.41 | 6.65 | 2.13 | 9.73 | 7.23 | 2.14 | 10.37 | 7.26 | 2.16 | 10.69 | 7.84 | 2.17 | 11.33 | 7.81 | 2.19 | 11.65 | 7.79 | 2.20 | 11.97 | 8.31 | 2.21 |
| | 25 | 9.04 | 6.87 | 2.90 | 10.08 | 6.92 | 2.95 | 10.42 | 7.52 | 2.96 | 11.11 | 7.55 | 2.99 | 11.45 | 8.15 | 3.01 | 12.14 | 8.12 | 3.04 | 12.48 | 8.10 | 3.05 | 12.82 | 8.64 | 3.07 |
| | 30 | 8.43 | 6.61 | 3.13 | 9.39 | 6.65 | 3.18 | 9.71 | 7.22 | 3.20 | 10.35 | 7.25 | 3.23 | 10.67 | 7.83 | 3.25 | 11.31 | 7.80 | 3.28 | 11.63 | 7.79 | 3.30 | 11.95 | 8.31 | 3.31 |
| | 35 | 7.82 | 6.34 | 3.44 | 8.71 | 6.38 | 3.49 | 9.01 | 6.93 | 3.51 | 9.60 | 6.96 | 3.54 | 9.90 | 7.51 | 3.56 | 10.49 | 7.48 | 3.58 | 10.79 | 7.47 | 3.58 | 11.09 | 7.97 | 3.58 |
| | 40 | 6.39 | 5.45 | 3.16 | 7.11 | 5.49 | 3.20 | 7.36 | 5.96 | 3.22 | 7.84 | 5.99 | 3.25 | 8.08 | 6.46 | 3.27 | 8.57 | 6.44 | 3.30 | 8.81 | 6.43 | 3.32 | 9.05 | 6.85 | 3.34 |
| | 46 | 4.20 | 4.20 | 2.35 | 4.68 | 4.29 | 2.39 | 4.84 | 4.66 | 2.40 | 5.16 | 4.68 | 2.43 | 5.32 | 5.06 | 2.44 | 5.64 | 5.04 | 2.46 | 5.80 | 5.03 | 2.48 | 5.96 | 5.36 | 2.49 |

## ● Indoor unit : 7000Btu + 12000Btu + 24000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+12+24 Outdoor temperature | 0 | 8.80 | 7.05 | 1.86 | 9.80 | 7.09 | 1.89 | 10.14 | 7.71 | 1.90 | 10.81 | 7.74 | 1.92 | 11.14 | 8.35 | 1.93 | 11.81 | 8.32 | 1.95 | 12.14 | 8.30 | 1.96 | 12.48 | 8.86 | 1.97 |
| | 5 | 8.53 | 6.93 | 1.99 | 9.50 | 6.97 | 2.02 | 9.83 | 7.58 | 2.03 | 10.47 | 7.61 | 2.05 | 10.80 | 8.21 | 2.06 | 11.45 | 8.18 | 2.08 | 11.77 | 8.17 | 2.09 | 12.09 | 8.71 | 2.10 |
| | 10 | 8.56 | 6.94 | 2.05 | 9.54 | 6.99 | 2.08 | 9.86 | 7.59 | 2.09 | 10.51 | 7.62 | 2.11 | 10.84 | 8.23 | 2.12 | 11.49 | 8.20 | 2.14 | 11.81 | 8.18 | 2.15 | 12.14 | 8.73 | 2.16 |
| | 15 | 8.63 | 6.97 | 1.82 | 9.61 | 7.02 | 1.85 | 9.94 | 7.62 | 1.86 | 10.59 | 7.65 | 1.87 | 10.92 | 8.26 | 1.88 | 11.58 | 8.23 | 1.90 | 11.90 | 8.22 | 1.91 | 12.23 | 8.76 | 1.92 |
| | 20 | 8.64 | 6.98 | 2.10 | 9.62 | 7.02 | 2.14 | 9.95 | 7.63 | 2.15 | 10.61 | 7.66 | 2.17 | 10.93 | 8.27 | 2.18 | 11.59 | 8.24 | 2.20 | 11.92 | 8.22 | 2.21 | 12.25 | 8.77 | 2.22 |
| | 25 | 9.11 | 7.18 | 2.99 | 10.15 | 7.23 | 3.03 | 10.49 | 7.85 | 3.05 | 11.18 | 7.88 | 3.08 | 11.53 | 8.51 | 3.09 | 12.22 | 8.48 | 3.12 | 12.57 | 8.46 | 3.14 | 12.91 | 9.03 | 3.16 |
| | 30 | 8.55 | 6.94 | 3.20 | 9.52 | 6.98 | 3.25 | 9.85 | 7.59 | 3.27 | 10.50 | 7.62 | 3.30 | 10.82 | 8.22 | 3.32 | 11.47 | 8.19 | 3.35 | 11.79 | 8.18 | 3.37 | 12.12 | 8.72 | 3.39 |
| | 35 | 7.98 | 6.69 | 3.44 | 8.89 | 6.73 | 3.49 | 9.19 | 7.32 | 3.51 | 9.80 | 7.34 | 3.54 | 10.10 | 7.93 | 3.56 | 10.71 | 7.90 | 3.58 | 11.01 | 7.88 | 3.58 | 11.31 | 8.41 | 3.58 |
| | 40 | 6.61 | 5.89 | 3.16 | 7.36 | 5.92 | 3.20 | 7.62 | 6.44 | 3.22 | 8.12 | 6.46 | 3.25 | 8.37 | 6.97 | 3.27 | 8.87 | 6.95 | 3.30 | 9.12 | 6.94 | 3.32 | 9.37 | 7.40 | 3.34 |
| | 46 | 4.32 | 4.32 | 2.35 | 4.81 | 4.48 | 2.39 | 4.98 | 4.87 | 2.40 | 5.31 | 4.89 | 2.43 | 5.47 | 5.28 | 2.44 | 5.80 | 5.26 | 2.46 | 5.96 | 5.25 | 2.48 | 6.13 | 5.60 | 2.49 |

## ● Indoor unit : 7000Btu + 14000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+14+14 Outdoor temperature | 0 | 7.34 | 5.88 | 1.43 | 8.18 | 5.92 | 1.45 | 8.46 | 6.43 | 1.45 | 9.02 | 6.46 | 1.47 | 9.29 | 6.97 | 1.48 | 9.85 | 6.94 | 1.49 | 10.13 | 6.93 | 1.50 | 10.41 | 7.39 | 1.51 |
| | 5 | 6.92 | 5.70 | 1.74 | 7.71 | 5.73 | 1.77 | 7.98 | 6.23 | 1.78 | 8.50 | 6.25 | 1.80 | 8.76 | 6.75 | 1.81 | 9.29 | 6.73 | 1.83 | 9.55 | 6.71 | 1.83 | 9.82 | 7.16 | 1.84 |
| | 10 | 7.05 | 5.75 | 1.87 | 7.85 | 5.79 | 1.89 | 8.12 | 6.29 | 1.90 | 8.66 | 6.32 | 1.92 | 8.93 | 6.82 | 1.93 | 9.46 | 6.79 | 1.95 | 9.73 | 6.78 | 1.96 | 10.00 | 7.23 | 1.97 |
| | 15 | 7.55 | 5.97 | 2.03 | 8.41 | 6.01 | 2.07 | 8.70 | 6.53 | 2.08 | 9.27 | 6.56 | 2.10 | 9.56 | 7.08 | 2.11 | 10.14 | 7.05 | 2.13 | 10.42 | 7.04 | 2.14 | 10.71 | 7.51 | 2.15 |
| | 20 | 7.93 | 6.14 | 2.10 | 8.83 | 6.18 | 2.14 | 9.13 | 6.71 | 2.15 | 9.74 | 6.74 | 2.17 | 10.04 | 7.27 | 2.18 | 10.64 | 7.25 | 2.20 | 10.94 | 7.23 | 2.21 | 11.24 | 7.72 | 2.22 |
| | 25 | 8.21 | 6.26 | 2.78 | 9.15 | 6.30 | 2.83 | 9.46 | 6.85 | 2.84 | 10.08 | 6.87 | 2.87 | 10.39 | 7.42 | 2.89 | 11.02 | 7.39 | 2.91 | 11.33 | 7.38 | 2.93 | 11.64 | 7.87 | 2.94 |
| | 30 | 7.64 | 6.01 | 3.01 | 8.51 | 6.05 | 3.06 | 8.80 | 6.57 | 3.07 | 9.38 | 6.60 | 3.10 | 9.67 | 7.12 | 3.12 | 10.25 | 7.10 | 3.15 | 10.54 | 7.09 | 3.16 | 10.83 | 7.56 | 3.18 |
| | 35 | 7.35 | 5.88 | 3.45 | 8.18 | 5.92 | 3.51 | 8.46 | 6.43 | 3.53 | 9.02 | 6.46 | 3.58 | 9.30 | 6.97 | 3.58 | 9.86 | 6.95 | 3.58 | 10.14 | 6.93 | 3.58 | 10.42 | 7.40 | 3.58 |
| | 40 | 6.31 | 5.31 | 3.16 | 7.03 | 5.34 | 3.20 | 7.27 | 5.80 | 3.22 | 7.75 | 5.83 | 3.25 | 7.99 | 6.29 | 3.27 | 8.47 | 6.27 | 3.30 | 8.71 | 6.26 | 3.32 | 8.95 | 6.67 | 3.34 |
| | 46 | 4.16 | 4.16 | 2.35 | 4.64 | 4.23 | 2.39 | 4.79 | 4.60 | 2.40 | 5.11 | 4.61 | 2.43 | 5.27 | 4.98 | 2.44 | 5.58 | 4.96 | 2.46 | 5.74 | 4.95 | 2.48 | 5.90 | 5.28 | 2.49 |

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)



OUTDOOR UNIT
AO∗G30L4

## ● Indoor unit : 7000Btu + 14000Btu + 18000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+14+18 Outdoor temperature | 0 | 8.17 | 6.60 | 1.62 | 9.10 | 6.64 | 1.64 | 9.41 | 7.22 | 1.65 | 10.03 | 7.25 | 1.67 | 10.34 | 7.82 | 1.67 | 10.96 | 7.80 | 1.69 | 11.27 | 7.78 | 1.70 | 11.58 | 8.30 | 1.71 |
| | 5 | 7.79 | 6.44 | 1.84 | 8.68 | 6.48 | 1.87 | 8.98 | 7.04 | 1.88 | 9.57 | 7.07 | 1.90 | 9.86 | 7.63 | 1.91 | 10.46 | 7.60 | 1.93 | 10.75 | 7.59 | 1.94 | 11.05 | 8.10 | 1.95 |
| | 10 | 7.90 | 6.48 | 1.91 | 8.80 | 6.53 | 1.94 | 9.10 | 7.09 | 1.95 | 9.70 | 7.12 | 1.97 | 10.00 | 7.68 | 1.98 | 10.60 | 7.66 | 2.00 | 10.90 | 7.64 | 2.01 | 11.20 | 8.15 | 2.01 |
| | 15 | 8.65 | 6.81 | 2.29 | 9.63 | 6.86 | 2.32 | 9.96 | 7.45 | 2.33 | 10.62 | 7.48 | 2.36 | 10.95 | 8.07 | 2.37 | 11.61 | 8.04 | 2.39 | 11.93 | 8.03 | 2.41 | 12.26 | 8.57 | 2.42 |
| | 20 | 8.54 | 6.76 | 2.11 | 9.51 | 6.81 | 2.14 | 9.83 | 7.40 | 2.15 | 10.48 | 7.43 | 2.18 | 10.81 | 8.02 | 2.19 | 11.45 | 7.99 | 2.21 | 11.78 | 7.97 | 2.22 | 12.10 | 8.50 | 2.23 |
| | 25 | 9.10 | 7.01 | 2.95 | 10.14 | 7.05 | 2.99 | 10.48 | 7.67 | 3.01 | 11.17 | 7.70 | 3.04 | 11.52 | 8.31 | 3.05 | 12.21 | 8.28 | 3.09 | 12.55 | 8.26 | 3.10 | 12.90 | 8.81 | 3.12 |
| | 30 | 8.50 | 6.75 | 3.17 | 9.47 | 6.79 | 3.22 | 9.79 | 7.38 | 3.24 | 10.44 | 7.41 | 3.27 | 10.76 | 8.00 | 3.29 | 11.40 | 7.97 | 3.32 | 11.73 | 7.95 | 3.34 | 12.05 | 8.48 | 3.36 |
| | 35 | 7.90 | 6.49 | 3.45 | 8.80 | 6.53 | 3.51 | 9.10 | 7.09 | 3.53 | 9.70 | 7.12 | 3.58 | 10.00 | 7.69 | 3.58 | 10.60 | 7.66 | 3.58 | 10.90 | 7.64 | 3.58 | 11.20 | 8.15 | 3.58 |
| | 40 | 6.46 | 5.60 | 3.16 | 7.20 | 5.63 | 3.20 | 7.44 | 6.12 | 3.22 | 7.93 | 6.14 | 3.25 | 8.18 | 6.63 | 3.27 | 8.67 | 6.61 | 3.30 | 8.91 | 6.60 | 3.32 | 9.16 | 7.04 | 3.34 |
| | 46 | 4.24 | 4.24 | 2.35 | 4.72 | 4.36 | 2.39 | 4.89 | 4.73 | 2.40 | 5.21 | 4.75 | 2.43 | 5.37 | 5.13 | 2.44 | 5.69 | 5.11 | 2.46 | 5.85 | 5.10 | 2.48 | 6.01 | 5.44 | 2.49 |

## ● Indoor unit : 7000Btu + 14000Btu + 24000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+14+24 Outdoor temperature | 0 | 8.77 | 7.18 | 1.94 | 9.77 | 7.23 | 1.97 | 10.10 | 7.85 | 1.98 | 10.77 | 7.88 | 2.00 | 11.10 | 8.51 | 2.01 | 11.77 | 8.48 | 2.03 | 12.10 | 8.46 | 2.04 | 12.44 | 9.03 | 2.05 |
| | 5 | 8.58 | 7.10 | 2.01 | 9.56 | 7.14 | 2.04 | 9.89 | 7.76 | 2.05 | 10.54 | 7.79 | 2.07 | 10.87 | 8.41 | 2.08 | 11.52 | 8.38 | 2.10 | 11.84 | 8.37 | 2.11 | 12.17 | 8.92 | 2.12 |
| | 10 | 8.56 | 7.09 | 2.06 | 9.53 | 7.13 | 2.09 | 9.86 | 7.75 | 2.10 | 10.51 | 7.78 | 2.12 | 10.83 | 8.40 | 2.13 | 11.48 | 8.37 | 2.16 | 11.81 | 8.35 | 2.17 | 12.13 | 8.91 | 2.18 |
| | 15 | 8.57 | 7.09 | 1.83 | 9.55 | 7.14 | 1.86 | 9.87 | 7.76 | 1.87 | 10.52 | 7.79 | 1.88 | 10.85 | 8.40 | 1.89 | 11.50 | 8.37 | 1.91 | 11.82 | 8.36 | 1.92 | 12.15 | 8.92 | 1.93 |
| | 20 | 8.65 | 7.13 | 2.12 | 9.63 | 7.17 | 2.15 | 9.96 | 7.79 | 2.16 | 10.62 | 7.82 | 2.18 | 10.95 | 8.44 | 2.19 | 11.60 | 8.41 | 2.22 | 11.93 | 8.40 | 2.23 | 12.26 | 8.96 | 2.24 |
| | 25 | 9.06 | 7.31 | 3.03 | 10.10 | 7.35 | 3.08 | 10.44 | 7.99 | 3.09 | 11.13 | 8.02 | 3.12 | 11.47 | 8.66 | 3.14 | 12.16 | 8.63 | 3.17 | 12.51 | 8.61 | 3.19 | 12.85 | 9.19 | 3.20 |
| | 30 | 8.53 | 7.07 | 3.25 | 9.50 | 7.12 | 3.30 | 9.83 | 7.74 | 3.31 | 10.47 | 7.77 | 3.35 | 10.80 | 8.38 | 3.36 | 11.45 | 8.35 | 3.40 | 11.77 | 8.34 | 3.42 | 12.09 | 8.90 | 3.43 |
| | 35 | 7.98 | 6.83 | 3.45 | 8.89 | 6.88 | 3.51 | 9.19 | 7.47 | 3.53 | 9.80 | 7.50 | 3.58 | 10.10 | 8.10 | 3.58 | 10.71 | 8.07 | 3.58 | 11.01 | 8.06 | 3.58 | 11.31 | 8.59 | 3.58 |
| | 40 | 6.69 | 6.03 | 3.16 | 7.45 | 6.07 | 3.20 | 7.70 | 6.59 | 3.22 | 8.21 | 6.62 | 3.25 | 8.46 | 7.15 | 3.27 | 8.97 | 7.12 | 3.30 | 9.23 | 7.11 | 3.32 | 9.48 | 7.58 | 3.34 |
| | 46 | 4.36 | 4.36 | 2.35 | 4.86 | 4.55 | 2.39 | 5.03 | 4.94 | 2.40 | 5.36 | 4.96 | 2.43 | 5.52 | 5.35 | 2.44 | 5.85 | 5.33 | 2.46 | 6.02 | 5.32 | 2.48 | 6.18 | 5.68 | 2.49 |

## ● Indoor unit : 7000Btu + 18000Btu + 18000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+18+18 Outdoor temperature | 0 | 8.80 | 7.09 | 1.87 | 9.80 | 7.14 | 1.90 | 10.14 | 7.76 | 1.91 | 10.81 | 7.79 | 1.93 | 11.14 | 8.41 | 1.94 | 11.81 | 8.38 | 1.96 | 12.14 | 8.36 | 1.97 | 12.48 | 8.92 | 1.98 |
| | 5 | 8.53 | 6.97 | 2.00 | 9.50 | 7.02 | 2.03 | 9.83 | 7.63 | 2.04 | 10.47 | 7.66 | 2.06 | 10.80 | 8.27 | 2.07 | 11.45 | 8.24 | 2.09 | 11.77 | 8.22 | 2.10 | 12.09 | 8.77 | 2.11 |
| | 10 | 8.56 | 6.99 | 2.06 | 9.54 | 7.03 | 2.09 | 9.86 | 7.64 | 2.10 | 10.51 | 7.67 | 2.12 | 10.84 | 8.28 | 2.13 | 11.49 | 8.25 | 2.15 | 11.81 | 8.24 | 2.16 | 12.14 | 8.79 | 2.18 |
| | 15 | 8.63 | 7.02 | 1.83 | 9.61 | 7.06 | 1.86 | 9.94 | 7.67 | 1.87 | 10.59 | 7.70 | 1.89 | 10.92 | 8.32 | 1.89 | 11.58 | 8.29 | 1.91 | 11.90 | 8.27 | 1.92 | 12.23 | 8.82 | 1.93 |
| | 20 | 8.64 | 7.02 | 2.11 | 9.62 | 7.07 | 2.15 | 9.95 | 7.68 | 2.16 | 10.61 | 7.71 | 2.18 | 10.93 | 8.32 | 2.19 | 11.59 | 8.29 | 2.21 | 11.92 | 8.28 | 2.22 | 12.25 | 8.83 | 2.24 |
| | 25 | 9.11 | 7.23 | 3.00 | 10.15 | 7.27 | 3.05 | 10.49 | 7.90 | 3.06 | 11.18 | 7.93 | 3.10 | 11.53 | 8.56 | 3.11 | 12.22 | 8.53 | 3.14 | 12.57 | 8.52 | 3.16 | 12.91 | 9.09 | 3.17 |
| | 30 | 8.55 | 6.98 | 3.22 | 9.52 | 7.03 | 3.27 | 9.85 | 7.64 | 3.29 | 10.50 | 7.67 | 3.32 | 10.82 | 8.27 | 3.34 | 11.47 | 8.25 | 3.37 | 11.79 | 8.23 | 3.39 | 12.12 | 8.78 | 3.41 |
| | 35 | 7.98 | 6.73 | 3.45 | 8.89 | 6.78 | 3.51 | 9.19 | 7.36 | 3.53 | 9.80 | 7.39 | 3.58 | 10.10 | 7.98 | 3.58 | 10.71 | 7.95 | 3.58 | 11.01 | 7.94 | 3.58 | 11.31 | 8.47 | 3.58 |
| | 40 | 6.61 | 5.89 | 3.16 | 7.36 | 5.92 | 3.20 | 7.62 | 6.44 | 3.22 | 8.12 | 6.46 | 3.25 | 8.37 | 6.97 | 3.27 | 8.87 | 6.95 | 3.30 | 9.12 | 6.94 | 3.32 | 9.37 | 7.40 | 3.34 |
| | 46 | 4.32 | 4.32 | 2.35 | 4.81 | 4.48 | 2.39 | 4.98 | 4.87 | 2.40 | 5.31 | 4.89 | 2.43 | 5.47 | 5.28 | 2.44 | 5.80 | 5.26 | 2.46 | 5.96 | 5.25 | 2.48 | 6.13 | 5.60 | 2.49 |

## ● Indoor unit : 7000Btu + 18000Btu + 24000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+18+24 Outdoor temperature | 0 | 8.74 | 7.38 | 2.07 | 9.74 | 7.43 | 2.10 | 10.07 | 8.08 | 2.11 | 10.74 | 8.11 | 2.13 | 11.07 | 8.75 | 2.15 | 11.73 | 8.72 | 2.17 | 12.06 | 8.70 | 2.18 | 12.40 | 9.29 | 2.19 |
| | 5 | 8.74 | 7.38 | 2.02 | 9.73 | 7.43 | 2.06 | 10.07 | 8.07 | 2.07 | 10.73 | 8.11 | 2.09 | 11.06 | 8.75 | 2.10 | 11.73 | 8.72 | 2.12 | 12.06 | 8.70 | 2.13 | 12.39 | 9.28 | 2.14 |
| | 10 | 8.57 | 7.31 | 2.07 | 9.55 | 7.36 | 2.10 | 9.87 | 7.99 | 2.11 | 10.52 | 8.02 | 2.13 | 10.85 | 8.66 | 2.14 | 11.50 | 8.63 | 2.16 | 11.82 | 8.61 | 2.17 | 12.15 | 9.19 | 2.18 |
| | 15 | 8.45 | 7.25 | 1.82 | 9.41 | 7.30 | 1.85 | 9.73 | 7.93 | 1.86 | 10.37 | 7.97 | 1.88 | 10.69 | 8.60 | 1.89 | 11.33 | 8.57 | 1.91 | 11.65 | 8.55 | 1.92 | 11.97 | 9.12 | 1.93 |
| | 20 | 8.67 | 7.35 | 2.12 | 9.66 | 7.40 | 2.16 | 9.99 | 8.04 | 2.17 | 10.65 | 8.07 | 2.19 | 10.97 | 8.71 | 2.20 | 11.63 | 8.68 | 2.22 | 11.96 | 8.67 | 2.23 | 12.29 | 9.25 | 2.24 |
| | 25 | 8.97 | 7.49 | 3.08 | 9.99 | 7.53 | 3.13 | 10.34 | 8.19 | 3.15 | 11.02 | 8.22 | 3.18 | 11.36 | 8.87 | 3.20 | 12.04 | 8.84 | 3.23 | 12.38 | 8.82 | 3.24 | 12.72 | 9.41 | 3.26 |
| | 30 | 8.50 | 7.28 | 3.30 | 9.46 | 7.32 | 3.35 | 9.79 | 7.96 | 3.36 | 10.43 | 7.99 | 3.40 | 10.75 | 8.62 | 3.41 | 11.40 | 8.59 | 3.45 | 11.72 | 8.58 | 3.47 | 12.04 | 9.15 | 3.48 |
| | 35 | 7.98 | 7.05 | 3.45 | 8.89 | 7.10 | 3.51 | 9.19 | 7.71 | 3.53 | 9.80 | 7.74 | 3.58 | 10.10 | 8.36 | 3.58 | 10.71 | 8.33 | 3.58 | 11.01 | 8.31 | 3.58 | 11.31 | 8.87 | 3.58 |
| | 40 | 6.84 | 6.32 | 3.16 | 7.62 | 6.36 | 3.20 | 7.88 | 6.91 | 3.22 | 8.40 | 6.94 | 3.25 | 8.66 | 7.49 | 3.27 | 9.17 | 7.46 | 3.30 | 9.43 | 7.45 | 3.32 | 9.69 | 7.95 | 3.34 |
| | 46 | 4.44 | 4.44 | 2.35 | 4.95 | 4.67 | 2.39 | 5.12 | 5.08 | 2.40 | 5.46 | 5.10 | 2.43 | 5.62 | 5.50 | 2.44 | 5.96 | 5.48 | 2.46 | 6.13 | 5.47 | 2.48 | 6.30 | 5.84 | 2.49 |

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)



OUTDOOR UNIT
AO∗G30L4

## ● Indoor unit : 9000Btu + 9000Btu + 9000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 9+9+9 Outdoor temperature | 0 | 5.55 | 4.75 | 1.32 | 6.19 | 4.78 | 1.34 | 6.40 | 5.19 | 1.34 | 6.82 | 5.21 | 1.36 | 7.03 | 5.63 | 1.36 | 7.45 | 5.61 | 1.38 | 7.66 | 5.60 | 1.38 | 7.87 | 5.97 | 1.39 |
| | 5 | 5.18 | 4.58 | 1.46 | 5.77 | 4.61 | 1.48 | 5.97 | 5.01 | 1.49 | 6.36 | 5.03 | 1.50 | 6.56 | 5.43 | 1.51 | 6.95 | 5.41 | 1.53 | 7.15 | 5.40 | 1.53 | 7.34 | 5.76 | 1.54 |
| | 10 | 5.25 | 4.61 | 1.16 | 5.85 | 4.64 | 1.18 | 6.05 | 5.04 | 1.18 | 6.44 | 5.06 | 1.19 | 6.64 | 5.47 | 1.20 | 7.04 | 5.45 | 1.21 | 7.24 | 5.44 | 1.22 | 7.44 | 5.80 | 1.22 |
| | 15 | 6.74 | 5.28 | 1.62 | 7.51 | 5.31 | 1.65 | 7.77 | 5.77 | 1.66 | 8.28 | 5.79 | 1.67 | 8.54 | 6.25 | 1.68 | 9.05 | 6.23 | 1.70 | 9.31 | 6.22 | 1.71 | 9.56 | 6.64 | 1.72 |
| | 20 | 7.22 | 5.49 | 1.91 | 8.04 | 5.52 | 1.94 | 8.32 | 6.00 | 1.94 | 8.87 | 6.03 | 1.96 | 9.14 | 6.51 | 1.97 | 9.69 | 6.48 | 1.99 | 9.96 | 6.47 | 2.00 | 10.24 | 6.90 | 2.01 |
| | 25 | 6.90 | 5.35 | 2.22 | 7.68 | 5.38 | 2.25 | 7.95 | 5.85 | 2.26 | 8.47 | 5.87 | 2.29 | 8.73 | 6.34 | 2.30 | 9.26 | 6.31 | 2.32 | 9.52 | 6.30 | 2.33 | 9.78 | 6.72 | 2.34 |
| | 30 | 6.39 | 5.12 | 2.41 | 7.12 | 5.15 | 2.45 | 7.36 | 5.60 | 2.46 | 7.84 | 5.62 | 2.49 | 8.09 | 6.07 | 2.50 | 8.57 | 6.05 | 2.53 | 8.81 | 6.03 | 2.54 | 9.06 | 6.44 | 2.55 |
| | 35 | 7.03 | 5.41 | 3.30 | 7.83 | 5.44 | 3.35 | 8.10 | 5.91 | 3.37 | 8.63 | 5.93 | 3.40 | 8.90 | 6.41 | 3.42 | 9.43 | 6.38 | 3.45 | 9.70 | 6.37 | 3.47 | 9.97 | 6.80 | 3.49 |
| | 40 | 6.01 | 4.73 | 3.16 | 6.69 | 4.76 | 3.20 | 6.92 | 5.17 | 3.22 | 7.38 | 5.19 | 3.25 | 7.61 | 5.60 | 3.27 | 8.06 | 5.58 | 3.30 | 8.29 | 5.57 | 3.32 | 8.52 | 5.95 | 3.34 |
| | 46 | 4.00 | 3.95 | 2.35 | 4.46 | 3.98 | 2.39 | 4.61 | 4.32 | 2.40 | 4.91 | 4.34 | 2.43 | 5.06 | 4.68 | 2.44 | 5.37 | 4.67 | 2.46 | 5.52 | 4.66 | 2.48 | 5.67 | 4.97 | 2.49 |

## ● Indoor unit : 9000Btu + 9000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 9+9+12 Outdoor temperature | 0 | 6.87 | 5.46 | 1.74 | 7.65 | 5.50 | 1.77 | 7.91 | 5.97 | 1.78 | 8.44 | 6.00 | 1.80 | 8.70 | 6.47 | 1.81 | 9.22 | 6.45 | 1.83 | 9.48 | 6.44 | 1.83 | 9.74 | 6.87 | 1.84 |
| | 5 | 6.42 | 5.26 | 1.91 | 7.15 | 5.30 | 1.94 | 7.40 | 5.76 | 1.95 | 7.88 | 5.78 | 1.97 | 8.13 | 6.24 | 1.98 | 8.61 | 6.21 | 2.00 | 8.86 | 6.20 | 2.01 | 9.10 | 6.62 | 2.02 |
| | 10 | 6.53 | 5.31 | 1.57 | 7.28 | 5.35 | 1.59 | 7.53 | 5.81 | 1.60 | 8.02 | 5.83 | 1.62 | 8.27 | 6.30 | 1.62 | 8.77 | 6.27 | 1.64 | 9.01 | 6.26 | 1.65 | 9.26 | 6.68 | 1.66 |
| | 15 | 7.14 | 5.58 | 1.81 | 7.95 | 5.62 | 1.84 | 8.22 | 6.10 | 1.85 | 8.76 | 6.13 | 1.87 | 9.04 | 6.61 | 1.88 | 9.58 | 6.59 | 1.90 | 9.85 | 6.58 | 1.91 | 10.12 | 7.02 | 1.92 |
| | 20 | 7.75 | 5.85 | 2.07 | 8.63 | 5.89 | 2.11 | 8.93 | 6.40 | 2.12 | 9.52 | 6.42 | 2.14 | 9.81 | 6.93 | 2.15 | 10.40 | 6.91 | 2.17 | 10.69 | 6.90 | 2.18 | 10.99 | 7.36 | 2.19 |
| | 25 | 7.37 | 5.68 | 2.44 | 8.21 | 5.72 | 2.48 | 8.49 | 6.21 | 2.50 | 9.05 | 6.24 | 2.52 | 9.33 | 6.73 | 2.53 | 9.89 | 6.71 | 2.56 | 10.17 | 6.70 | 2.57 | 10.45 | 7.14 | 2.58 |
| | 30 | 6.83 | 5.45 | 2.65 | 7.61 | 5.48 | 2.69 | 7.87 | 5.96 | 2.71 | 8.39 | 5.98 | 2.74 | 8.65 | 6.45 | 2.75 | 9.17 | 6.43 | 2.78 | 9.43 | 6.42 | 2.79 | 9.69 | 6.85 | 2.80 |
| | 35 | 7.19 | 5.60 | 3.42 | 8.01 | 5.64 | 3.47 | 8.28 | 6.13 | 3.49 | 8.83 | 6.15 | 3.52 | 9.10 | 6.64 | 3.54 | 9.65 | 6.62 | 3.58 | 9.92 | 6.60 | 3.58 | 10.19 | 7.04 | 3.58 |
| | 40 | 6.12 | 4.95 | 3.16 | 6.82 | 4.98 | 3.20 | 7.05 | 5.41 | 3.22 | 7.52 | 5.43 | 3.25 | 7.75 | 5.86 | 3.27 | 8.21 | 5.84 | 3.30 | 8.45 | 5.83 | 3.32 | 8.68 | 6.22 | 3.34 |
| | 46 | 4.06 | 4.05 | 2.35 | 4.52 | 4.07 | 2.39 | 4.68 | 4.42 | 2.40 | 4.99 | 4.44 | 2.43 | 5.14 | 4.79 | 2.44 | 5.45 | 4.78 | 2.46 | 5.60 | 4.77 | 2.48 | 5.76 | 5.09 | 2.49 |

## ● Indoor unit : 9000Btu + 9000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 9+9+14 Outdoor temperature | 0 | 6.88 | 5.55 | 1.25 | 7.66 | 5.59 | 1.27 | 7.93 | 6.07 | 1.27 | 8.45 | 6.09 | 1.29 | 8.71 | 6.58 | 1.29 | 9.23 | 6.56 | 1.31 | 9.49 | 6.54 | 1.31 | 9.75 | 6.98 | 1.32 |
| | 5 | 6.45 | 5.36 | 1.62 | 7.18 | 5.40 | 1.64 | 7.43 | 5.86 | 1.65 | 7.92 | 5.89 | 1.67 | 8.16 | 6.35 | 1.68 | 8.65 | 6.33 | 1.69 | 8.90 | 6.32 | 1.70 | 9.14 | 6.74 | 1.71 |
| | 10 | 6.57 | 5.41 | 1.65 | 7.32 | 5.45 | 1.67 | 7.57 | 5.92 | 1.68 | 8.07 | 5.94 | 1.70 | 8.32 | 6.42 | 1.70 | 8.81 | 6.39 | 1.72 | 9.06 | 6.38 | 1.73 | 9.31 | 6.81 | 1.74 |
| | 15 | 7.53 | 5.84 | 1.96 | 8.39 | 5.87 | 1.99 | 8.67 | 6.38 | 2.00 | 9.25 | 6.41 | 2.02 | 9.53 | 6.92 | 2.03 | 10.10 | 6.89 | 2.05 | 10.39 | 6.88 | 2.06 | 10.68 | 7.34 | 2.07 |
| | 20 | 7.84 | 5.97 | 2.09 | 8.73 | 6.01 | 2.13 | 9.03 | 6.53 | 2.14 | 9.62 | 6.56 | 2.16 | 9.92 | 7.08 | 2.17 | 10.52 | 7.05 | 2.19 | 10.81 | 7.04 | 2.20 | 11.11 | 7.51 | 2.21 |
| | 25 | 8.17 | 6.12 | 2.74 | 9.10 | 6.16 | 2.78 | 9.41 | 6.69 | 2.79 | 10.03 | 6.72 | 2.82 | 10.34 | 7.25 | 2.84 | 10.96 | 7.22 | 2.87 | 11.27 | 7.21 | 2.88 | 11.58 | 7.69 | 2.89 |
| | 30 | 7.58 | 5.86 | 2.97 | 8.45 | 5.90 | 3.01 | 8.74 | 6.41 | 3.03 | 9.31 | 6.43 | 3.06 | 9.60 | 6.95 | 3.07 | 10.17 | 6.92 | 3.10 | 10.46 | 6.91 | 3.12 | 10.75 | 7.37 | 3.13 |
| | 35 | 7.27 | 5.72 | 3.45 | 8.10 | 5.76 | 3.51 | 8.37 | 6.26 | 3.53 | 8.92 | 6.28 | 3.58 | 9.20 | 6.78 | 3.58 | 9.75 | 6.76 | 3.58 | 10.03 | 6.74 | 3.58 | 10.30 | 7.20 | 3.58 |
| | 40 | 6.20 | 5.09 | 3.16 | 6.90 | 5.12 | 3.20 | 7.14 | 5.57 | 3.22 | 7.61 | 5.59 | 3.25 | 7.84 | 6.03 | 3.27 | 8.31 | 6.01 | 3.30 | 8.55 | 6.00 | 3.32 | 8.79 | 6.40 | 3.34 |
| | 46 | 4.10 | 4.10 | 2.35 | 4.57 | 4.13 | 2.39 | 4.72 | 4.49 | 2.40 | 5.03 | 4.51 | 2.43 | 5.19 | 4.87 | 2.44 | 5.50 | 4.85 | 2.46 | 5.66 | 4.84 | 2.48 | 5.81 | 5.17 | 2.49 |

## ● Indoor unit : 9000Btu + 9000Btu + 18000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 9+9+18 Outdoor temperature | 0 | 7.79 | 6.38 | 1.45 | 8.67 | 6.42 | 1.47 | 8.97 | 6.98 | 1.48 | 9.56 | 7.00 | 1.49 | 9.86 | 7.56 | 1.50 | 10.45 | 7.53 | 1.51 | 10.74 | 7.52 | 1.52 | 11.04 | 8.02 | 1.53 |
| | 5 | 7.36 | 6.19 | 1.74 | 8.20 | 6.23 | 1.76 | 8.48 | 6.77 | 1.77 | 9.04 | 6.80 | 1.79 | 9.32 | 7.33 | 1.80 | 9.88 | 7.31 | 1.82 | 10.16 | 7.30 | 1.83 | 10.44 | 7.78 | 1.84 |
| | 10 | 7.49 | 6.25 | 1.89 | 8.35 | 6.29 | 1.92 | 8.63 | 6.83 | 1.93 | 9.20 | 6.86 | 1.95 | 9.48 | 7.40 | 1.96 | 10.05 | 7.38 | 1.98 | 10.34 | 7.36 | 1.99 | 10.62 | 7.86 | 2.00 |
| | 15 | 8.64 | 6.76 | 2.20 | 9.62 | 6.80 | 2.24 | 9.95 | 7.39 | 2.25 | 10.60 | 7.42 | 2.27 | 10.93 | 8.01 | 2.28 | 11.59 | 7.98 | 2.31 | 11.92 | 7.96 | 2.32 | 12.24 | 8.50 | 2.33 |
| | 20 | 8.44 | 6.67 | 2.09 | 9.40 | 6.71 | 2.13 | 9.73 | 7.29 | 2.14 | 10.37 | 7.32 | 2.16 | 10.69 | 7.90 | 2.17 | 11.33 | 7.88 | 2.19 | 11.65 | 7.86 | 2.20 | 11.97 | 8.39 | 2.21 |
| | 25 | 9.06 | 6.95 | 2.89 | 10.10 | 6.99 | 2.94 | 10.44 | 7.60 | 2.95 | 11.13 | 7.63 | 2.98 | 11.47 | 8.23 | 3.00 | 12.16 | 8.20 | 3.03 | 12.50 | 8.19 | 3.04 | 12.85 | 8.73 | 3.06 |
| | 30 | 8.44 | 6.67 | 3.12 | 9.40 | 6.71 | 3.17 | 9.72 | 7.29 | 3.19 | 10.36 | 7.32 | 3.22 | 10.69 | 7.90 | 3.23 | 11.33 | 7.88 | 3.27 | 11.65 | 7.86 | 3.28 | 11.97 | 8.39 | 3.30 |
| | 35 | 7.82 | 6.39 | 3.44 | 8.71 | 6.43 | 3.49 | 9.01 | 6.99 | 3.51 | 9.60 | 7.02 | 3.54 | 9.90 | 7.58 | 3.56 | 10.49 | 7.55 | 3.58 | 10.79 | 7.54 | 3.58 | 11.09 | 8.04 | 3.58 |
| | 40 | 6.35 | 5.38 | 3.16 | 7.07 | 5.41 | 3.20 | 7.31 | 5.88 | 3.22 | 7.79 | 5.91 | 3.25 | 8.03 | 6.37 | 3.27 | 8.52 | 6.35 | 3.30 | 8.76 | 6.34 | 3.32 | 9.00 | 6.76 | 3.34 |
| | 46 | 4.18 | 4.18 | 2.35 | 4.66 | 4.26 | 2.39 | 4.82 | 4.63 | 2.40 | 5.13 | 4.65 | 2.43 | 5.29 | 5.02 | 2.44 | 5.61 | 5.00 | 2.46 | 5.77 | 4.99 | 2.48 | 5.93 | 5.32 | 2.49 |

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

## ● Indoor unit : 9000Btu + 9000Btu + 24000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 9+9+24 Outdoor temperature | 0 | 8.82 | 7.09 | 1.82 | 9.82 | 7.13 | 1.85 | 10.16 | 7.75 | 1.86 | 10.83 | 7.78 | 1.88 | 11.16 | 8.40 | 1.88 | 11.83 | 8.37 | 1.90 | 12.17 | 8.35 | 1.91 | 12.50 | 8.91 | 1.92 |
| | 5 | 8.51 | 6.95 | 1.97 | 9.48 | 7.00 | 2.01 | 9.80 | 7.60 | 2.02 | 10.45 | 7.63 | 2.04 | 10.77 | 8.24 | 2.05 | 11.42 | 8.21 | 2.07 | 11.74 | 8.20 | 2.08 | 12.07 | 8.74 | 2.09 |
| | 10 | 8.57 | 6.98 | 2.03 | 9.54 | 7.02 | 2.07 | 9.87 | 7.63 | 2.08 | 10.52 | 7.66 | 2.10 | 10.84 | 8.27 | 2.11 | 11.49 | 8.24 | 2.13 | 11.82 | 8.22 | 2.14 | 12.15 | 8.77 | 2.15 |
| | 15 | 8.66 | 7.02 | 1.81 | 9.64 | 7.06 | 1.84 | 9.97 | 7.67 | 1.85 | 10.63 | 7.70 | 1.87 | 10.96 | 8.32 | 1.87 | 11.61 | 8.29 | 1.89 | 11.94 | 8.27 | 1.90 | 12.27 | 8.82 | 1.91 |
| | 20 | 8.63 | 7.01 | 2.09 | 9.62 | 7.05 | 2.12 | 9.95 | 7.66 | 2.13 | 10.60 | 7.69 | 2.15 | 10.93 | 8.30 | 2.17 | 11.58 | 8.27 | 2.19 | 11.91 | 8.26 | 2.20 | 12.24 | 8.81 | 2.21 |
| | 25 | 9.13 | 7.22 | 2.96 | 10.17 | 7.27 | 3.00 | 10.52 | 7.90 | 3.02 | 11.21 | 7.93 | 3.05 | 11.56 | 8.56 | 3.06 | 12.25 | 8.53 | 3.09 | 12.60 | 8.52 | 3.11 | 12.94 | 9.08 | 3.12 |
| | 30 | 8.56 | 6.97 | 3.17 | 9.53 | 7.02 | 3.22 | 9.86 | 7.63 | 3.24 | 10.51 | 7.66 | 3.27 | 10.83 | 8.26 | 3.29 | 11.48 | 8.23 | 3.32 | 11.81 | 8.22 | 3.34 | 12.13 | 8.77 | 3.36 |
| | 35 | 7.98 | 6.72 | 3.42 | 8.89 | 6.76 | 3.47 | 9.19 | 7.35 | 3.49 | 9.80 | 7.38 | 3.52 | 10.10 | 7.96 | 3.54 | 10.71 | 7.93 | 3.58 | 11.01 | 7.92 | 3.58 | 11.31 | 8.45 | 3.58 |
| | 40 | 6.57 | 5.81 | 3.16 | 7.32 | 5.85 | 3.20 | 7.57 | 6.36 | 3.22 | 8.07 | 6.38 | 3.25 | 8.32 | 6.89 | 3.27 | 8.82 | 6.86 | 3.30 | 9.07 | 6.85 | 3.32 | 9.32 | 7.31 | 3.34 |
| | 46 | 4.30 | 4.30 | 2.35 | 4.79 | 4.45 | 2.39 | 4.96 | 4.84 | 2.40 | 5.28 | 4.86 | 2.43 | 5.45 | 5.24 | 2.44 | 5.77 | 5.22 | 2.46 | 5.94 | 5.21 | 2.48 | 6.10 | 5.56 | 2.49 |

## ● Indoor unit : 9000Btu + 12000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 9+12+12 Outdoor temperature | 0 | 6.78 | 5.51 | 1.26 | 7.55 | 5.54 | 1.28 | 7.80 | 6.02 | 1.29 | 8.32 | 6.05 | 1.30 | 8.58 | 6.53 | 1.31 | 9.09 | 6.51 | 1.32 | 9.35 | 6.49 | 1.33 | 9.61 | 6.93 | 1.34 |
| | 5 | 6.36 | 5.33 | 1.61 | 7.09 | 5.36 | 1.63 | 7.33 | 5.83 | 1.64 | 7.81 | 5.85 | 1.66 | 8.05 | 6.31 | 1.67 | 8.54 | 6.29 | 1.68 | 8.78 | 6.28 | 1.69 | 9.02 | 6.70 | 1.70 |
| | 10 | 6.48 | 5.38 | 1.66 | 7.22 | 5.41 | 1.69 | 7.47 | 5.88 | 1.70 | 7.96 | 5.91 | 1.71 | 8.21 | 6.38 | 1.72 | 8.70 | 6.35 | 1.74 | 8.94 | 6.34 | 1.75 | 9.19 | 6.76 | 1.76 |
| | 15 | 7.43 | 5.80 | 1.97 | 8.28 | 5.83 | 2.00 | 8.56 | 6.34 | 2.01 | 9.12 | 6.36 | 2.03 | 9.40 | 6.87 | 2.04 | 9.97 | 6.84 | 2.06 | 10.25 | 6.83 | 2.07 | 10.53 | 7.29 | 2.08 |
| | 20 | 7.75 | 5.94 | 2.08 | 8.64 | 5.98 | 2.11 | 8.93 | 6.50 | 2.12 | 9.52 | 6.52 | 2.14 | 9.82 | 7.04 | 2.15 | 10.40 | 7.01 | 2.17 | 10.70 | 7.00 | 2.19 | 10.99 | 7.47 | 2.20 |
| | 25 | 8.06 | 6.08 | 2.73 | 8.98 | 6.11 | 2.77 | 9.29 | 6.64 | 2.78 | 9.90 | 6.67 | 2.81 | 10.21 | 7.20 | 2.83 | 10.82 | 7.17 | 2.86 | 11.13 | 7.16 | 2.87 | 11.43 | 7.64 | 2.88 |
| | 30 | 7.49 | 5.82 | 2.95 | 8.35 | 5.86 | 3.00 | 8.63 | 6.37 | 3.01 | 9.20 | 6.39 | 3.04 | 9.48 | 6.90 | 3.06 | 10.05 | 6.88 | 3.09 | 10.34 | 6.87 | 3.11 | 10.62 | 7.32 | 3.12 |
| | 35 | 7.19 | 5.69 | 3.42 | 8.01 | 5.73 | 3.47 | 8.28 | 6.22 | 3.49 | 8.83 | 6.25 | 3.52 | 9.10 | 6.74 | 3.54 | 9.65 | 6.72 | 3.58 | 9.92 | 6.71 | 3.58 | 10.19 | 7.16 | 3.58 |
| | 40 | 6.23 | 5.16 | 3.16 | 6.94 | 5.20 | 3.20 | 7.18 | 5.65 | 3.22 | 7.66 | 5.67 | 3.25 | 7.89 | 6.12 | 3.27 | 8.37 | 6.10 | 3.30 | 8.60 | 6.08 | 3.32 | 8.84 | 6.49 | 3.34 |
| | 46 | 4.12 | 4.12 | 2.35 | 4.59 | 4.17 | 2.39 | 4.75 | 4.53 | 2.40 | 5.06 | 4.54 | 2.43 | 5.22 | 4.91 | 2.44 | 5.53 | 4.89 | 2.46 | 5.69 | 4.88 | 2.48 | 5.84 | 5.21 | 2.49 |

## ● Indoor unit : 9000Btu + 12000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 9+12+14 Outdoor temperature | 0 | 7.26 | 5.82 | 1.42 | 8.09 | 5.85 | 1.44 | 8.37 | 6.36 | 1.45 | 8.92 | 6.39 | 1.47 | 9.19 | 6.89 | 1.47 | 9.75 | 6.87 | 1.49 | 10.02 | 6.86 | 1.49 | 10.30 | 7.31 | 1.50 |
| | 5 | 6.85 | 5.64 | 1.74 | 7.63 | 5.67 | 1.77 | 7.89 | 6.16 | 1.78 | 8.41 | 6.19 | 1.79 | 8.67 | 6.68 | 1.80 | 9.19 | 6.65 | 1.82 | 9.45 | 6.64 | 1.83 | 9.71 | 7.09 | 1.84 |
| | 10 | 6.98 | 5.69 | 1.86 | 7.77 | 5.73 | 1.89 | 8.03 | 6.22 | 1.90 | 8.56 | 6.25 | 1.92 | 8.83 | 6.74 | 1.93 | 9.36 | 6.72 | 1.95 | 9.62 | 6.71 | 1.96 | 9.89 | 7.16 | 1.97 |
| | 15 | 7.47 | 5.91 | 2.03 | 8.32 | 5.95 | 2.06 | 8.61 | 6.46 | 2.07 | 9.18 | 6.49 | 2.09 | 9.46 | 7.00 | 2.10 | 10.03 | 6.98 | 2.12 | 10.31 | 6.96 | 2.13 | 10.59 | 7.43 | 2.14 |
| | 20 | 7.84 | 6.07 | 2.10 | 8.74 | 6.11 | 2.13 | 9.03 | 6.64 | 2.14 | 9.63 | 6.67 | 2.16 | 9.93 | 7.20 | 2.17 | 10.52 | 7.17 | 2.20 | 10.82 | 7.16 | 2.21 | 11.12 | 7.63 | 2.22 |
| | 25 | 8.12 | 6.19 | 2.78 | 9.05 | 6.23 | 2.82 | 9.36 | 6.77 | 2.83 | 9.97 | 6.80 | 2.86 | 10.28 | 7.34 | 2.88 | 10.90 | 7.31 | 2.91 | 11.21 | 7.30 | 2.92 | 11.51 | 7.79 | 2.94 |
| | 30 | 7.56 | 5.95 | 3.00 | 8.42 | 5.98 | 3.05 | 8.71 | 6.50 | 3.06 | 9.28 | 6.53 | 3.09 | 9.57 | 7.05 | 3.11 | 10.14 | 7.02 | 3.14 | 10.43 | 7.01 | 3.16 | 10.72 | 7.48 | 3.17 |
| | 35 | 7.27 | 5.82 | 3.45 | 8.10 | 5.86 | 3.51 | 8.37 | 6.36 | 3.53 | 8.92 | 6.39 | 3.58 | 9.20 | 6.90 | 3.58 | 9.75 | 6.87 | 3.58 | 10.03 | 6.86 | 3.58 | 10.30 | 7.32 | 3.58 |
| | 40 | 6.31 | 5.31 | 3.16 | 7.03 | 5.34 | 3.20 | 7.27 | 5.80 | 3.22 | 7.75 | 5.83 | 3.25 | 7.99 | 6.29 | 3.27 | 8.47 | 6.27 | 3.30 | 8.71 | 6.26 | 3.32 | 8.95 | 6.67 | 3.34 |
| | 46 | 4.16 | 4.16 | 2.35 | 4.64 | 4.23 | 2.39 | 4.79 | 4.60 | 2.40 | 5.11 | 4.61 | 2.43 | 5.27 | 4.98 | 2.44 | 5.58 | 4.96 | 2.46 | 5.74 | 4.95 | 2.48 | 5.90 | 5.28 | 2.49 |

## ● Indoor unit : 9000Btu + 12000Btu + 18000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 9+12+18 Outdoor temperature | 0 | 8.09 | 6.54 | 1.61 | 9.01 | 6.58 | 1.63 | 9.31 | 7.15 | 1.64 | 9.93 | 7.18 | 1.66 | 10.23 | 7.75 | 1.67 | 10.85 | 7.72 | 1.68 | 11.16 | 7.70 | 1.69 | 11.46 | 8.22 | 1.70 |
| | 5 | 7.72 | 6.37 | 1.83 | 8.59 | 6.41 | 1.86 | 8.89 | 6.97 | 1.87 | 9.47 | 7.00 | 1.89 | 9.77 | 7.55 | 1.90 | 10.35 | 7.53 | 1.92 | 10.65 | 7.51 | 1.93 | 10.94 | 8.01 | 1.94 |
| | 10 | 7.82 | 6.42 | 1.90 | 8.71 | 6.46 | 1.93 | 9.01 | 7.02 | 1.93 | 9.60 | 7.05 | 1.95 | 9.90 | 7.61 | 1.96 | 10.49 | 7.58 | 1.98 | 10.79 | 7.57 | 1.99 | 11.09 | 8.07 | 2.00 |
| | 15 | 8.56 | 6.74 | 2.27 | 9.54 | 6.79 | 2.31 | 9.86 | 7.38 | 2.32 | 10.51 | 7.40 | 2.34 | 10.84 | 7.99 | 2.36 | 11.49 | 7.96 | 2.38 | 11.81 | 7.95 | 2.39 | 12.14 | 8.48 | 2.40 |
| | 20 | 8.45 | 6.70 | 2.10 | 9.41 | 6.74 | 2.13 | 9.74 | 7.32 | 2.14 | 10.38 | 7.35 | 2.16 | 10.70 | 7.94 | 2.17 | 11.34 | 7.91 | 2.20 | 11.66 | 7.89 | 2.21 | 11.98 | 8.42 | 2.22 |
| | 25 | 9.01 | 6.94 | 2.93 | 10.03 | 6.98 | 2.98 | 10.38 | 7.59 | 2.99 | 11.06 | 7.62 | 3.02 | 11.40 | 8.22 | 3.04 | 12.09 | 8.19 | 3.07 | 12.43 | 8.18 | 3.08 | 12.77 | 8.73 | 3.10 |
| | 30 | 8.41 | 6.68 | 3.16 | 9.37 | 6.72 | 3.21 | 9.69 | 7.31 | 3.22 | 10.33 | 7.33 | 3.25 | 10.65 | 7.92 | 3.27 | 11.29 | 7.89 | 3.30 | 11.61 | 7.87 | 3.32 | 11.93 | 8.40 | 3.34 |
| | 35 | 7.82 | 6.42 | 3.44 | 8.71 | 6.46 | 3.49 | 9.01 | 7.02 | 3.51 | 9.60 | 7.05 | 3.54 | 9.90 | 7.61 | 3.56 | 10.49 | 7.58 | 3.58 | 10.79 | 7.57 | 3.58 | 11.09 | 8.07 | 3.58 |
| | 40 | 6.46 | 5.60 | 3.16 | 7.20 | 5.63 | 3.20 | 7.44 | 6.12 | 3.22 | 7.93 | 6.14 | 3.25 | 8.18 | 6.63 | 3.27 | 8.67 | 6.61 | 3.30 | 8.91 | 6.60 | 3.32 | 9.16 | 7.04 | 3.34 |
| | 46 | 4.24 | 4.24 | 2.35 | 4.72 | 4.36 | 2.39 | 4.89 | 4.73 | 2.40 | 5.21 | 4.75 | 2.43 | 5.37 | 5.13 | 2.44 | 5.69 | 5.11 | 2.46 | 5.85 | 5.10 | 2.48 | 6.01 | 5.44 | 2.49 |

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)



OUTDOOR UNIT
AO∗G30L4

## ● Indoor unit : 9000Btu + 12000Btu + 24000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 9+12+24 Outdoor temperature | 0 | 8.77 | 7.18 | 1.93 | 9.77 | 7.23 | 1.96 | 10.10 | 7.85 | 1.97 | 10.77 | 7.88 | 1.99 | 11.10 | 8.51 | 2.00 | 11.77 | 8.48 | 2.02 | 12.10 | 8.46 | 2.03 | 12.44 | 9.03 | 2.04 |
| | 5 | 8.58 | 7.10 | 2.00 | 9.56 | 7.14 | 2.03 | 9.89 | 7.76 | 2.04 | 10.54 | 7.79 | 2.06 | 10.87 | 8.41 | 2.07 | 11.52 | 8.38 | 2.09 | 11.84 | 8.37 | 2.10 | 12.17 | 8.92 | 2.11 |
| | 10 | 8.56 | 7.09 | 2.05 | 9.53 | 7.13 | 2.08 | 9.86 | 7.75 | 2.09 | 10.51 | 7.78 | 2.11 | 10.83 | 8.40 | 2.12 | 11.48 | 8.37 | 2.14 | 11.81 | 8.35 | 2.15 | 12.13 | 8.91 | 2.17 |
| | 15 | 8.57 | 7.09 | 1.82 | 9.55 | 7.14 | 1.85 | 9.87 | 7.76 | 1.85 | 10.52 | 7.79 | 1.87 | 10.85 | 8.40 | 1.88 | 11.50 | 8.37 | 1.90 | 11.82 | 8.36 | 1.91 | 12.15 | 8.92 | 1.92 |
| | 20 | 8.65 | 7.13 | 2.11 | 9.63 | 7.17 | 2.14 | 9.96 | 7.79 | 2.15 | 10.62 | 7.82 | 2.17 | 10.95 | 8.44 | 2.18 | 11.60 | 8.41 | 2.20 | 11.93 | 8.40 | 2.21 | 12.26 | 8.96 | 2.23 |
| | 25 | 9.06 | 7.31 | 3.01 | 10.10 | 7.35 | 3.06 | 10.44 | 7.99 | 3.07 | 11.13 | 8.02 | 3.11 | 11.47 | 8.66 | 3.12 | 12.16 | 8.63 | 3.15 | 12.51 | 8.61 | 3.17 | 12.85 | 9.19 | 3.18 |
| | 30 | 8.53 | 7.07 | 3.23 | 9.50 | 7.12 | 3.28 | 9.83 | 7.74 | 3.30 | 10.47 | 7.77 | 3.33 | 10.80 | 8.38 | 3.35 | 11.45 | 8.35 | 3.38 | 11.77 | 8.34 | 3.40 | 12.09 | 8.90 | 3.41 |
| | 35 | 7.98 | 6.83 | 3.44 | 8.89 | 6.88 | 3.49 | 9.19 | 7.47 | 3.51 | 9.80 | 7.50 | 3.54 | 10.10 | 8.10 | 3.56 | 10.71 | 8.07 | 3.58 | 11.01 | 8.06 | 3.58 | 11.31 | 8.59 | 3.58 |
| | 40 | 6.69 | 6.03 | 3.16 | 7.45 | 6.07 | 3.20 | 7.70 | 6.59 | 3.22 | 8.21 | 6.62 | 3.25 | 8.46 | 7.15 | 3.27 | 8.97 | 7.12 | 3.30 | 9.23 | 7.11 | 3.32 | 9.48 | 7.58 | 3.34 |
| | 46 | 4.36 | 4.36 | 2.35 | 4.86 | 4.55 | 2.39 | 5.03 | 4.94 | 2.40 | 5.36 | 4.96 | 2.43 | 5.52 | 5.35 | 2.44 | 5.85 | 5.33 | 2.46 | 6.02 | 5.32 | 2.48 | 6.18 | 5.68 | 2.49 |

## ● Indoor unit : 9000Btu + 14000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 9+14+14 Outdoor temperature | 0 | 7.29 | 6.36 | 1.48 | 8.12 | 6.40 | 1.51 | 8.40 | 6.95 | 1.51 | 8.95 | 6.98 | 1.53 | 9.23 | 7.53 | 1.54 | 9.78 | 7.51 | 1.55 | 10.06 | 7.49 | 1.56 | 10.34 | 7.99 | 1.57 |
| | 5 | 6.91 | 6.18 | 1.75 | 7.70 | 6.22 | 1.78 | 7.96 | 6.76 | 1.79 | 8.49 | 6.78 | 1.81 | 8.75 | 7.32 | 1.81 | 9.27 | 7.30 | 1.83 | 9.54 | 7.28 | 1.84 | 9.80 | 7.77 | 1.85 |
| | 10 | 7.03 | 6.23 | 1.93 | 7.83 | 6.27 | 1.96 | 8.09 | 6.82 | 1.97 | 8.63 | 6.84 | 1.99 | 8.89 | 7.39 | 2.00 | 9.43 | 7.36 | 2.02 | 9.69 | 7.35 | 2.03 | 9.96 | 7.84 | 2.04 |
| | 15 | 8.09 | 6.73 | 2.24 | 9.01 | 6.77 | 2.27 | 9.32 | 7.36 | 2.29 | 9.93 | 7.39 | 2.31 | 10.24 | 7.98 | 2.32 | 10.86 | 7.95 | 2.34 | 11.16 | 7.93 | 2.35 | 11.47 | 8.46 | 2.37 |
| | 20 | 7.93 | 6.66 | 2.11 | 8.84 | 6.70 | 2.14 | 9.14 | 7.28 | 2.15 | 9.74 | 7.31 | 2.17 | 10.04 | 7.89 | 2.18 | 10.64 | 7.86 | 2.21 | 10.95 | 7.85 | 2.22 | 11.25 | 8.37 | 2.23 |
| | 25 | 8.50 | 6.92 | 2.92 | 9.46 | 6.97 | 2.97 | 9.79 | 7.57 | 2.98 | 10.43 | 7.60 | 3.01 | 10.76 | 8.20 | 3.03 | 11.40 | 8.17 | 3.06 | 11.72 | 8.16 | 3.07 | 12.05 | 8.70 | 3.09 |
| | 30 | 7.92 | 6.65 | 3.15 | 8.82 | 6.70 | 3.20 | 9.12 | 7.28 | 3.22 | 9.73 | 7.30 | 3.25 | 10.03 | 7.88 | 3.26 | 10.63 | 7.86 | 3.30 | 10.93 | 7.84 | 3.31 | 11.23 | 8.36 | 3.33 |
| | 35 | 7.35 | 6.38 | 3.45 | 8.18 | 6.42 | 3.51 | 8.46 | 6.98 | 3.53 | 9.02 | 7.01 | 3.58 | 9.30 | 7.56 | 3.58 | 9.86 | 7.54 | 3.58 | 10.14 | 7.52 | 3.58 | 10.42 | 8.03 | 3.58 |
| | 40 | 6.39 | 5.45 | 3.16 | 7.11 | 5.49 | 3.20 | 7.36 | 5.96 | 3.22 | 7.84 | 5.99 | 3.25 | 8.08 | 6.46 | 3.27 | 8.57 | 6.44 | 3.30 | 8.81 | 6.43 | 3.32 | 9.05 | 6.85 | 3.34 |
| | 46 | 4.20 | 4.20 | 2.35 | 4.68 | 4.29 | 2.39 | 4.84 | 4.66 | 2.40 | 5.16 | 4.68 | 2.43 | 5.32 | 5.06 | 2.44 | 5.64 | 5.04 | 2.46 | 5.80 | 5.03 | 2.48 | 5.96 | 5.36 | 2.49 |

## ● Indoor unit : 9000Btu + 14000Btu + 18000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 9+14+18 Outdoor temperature | 0 | 8.12 | 6.67 | 1.68 | 9.05 | 6.71 | 1.70 | 9.36 | 7.30 | 1.71 | 9.98 | 7.32 | 1.73 | 10.28 | 7.91 | 1.74 | 10.90 | 7.88 | 1.76 | 11.21 | 7.86 | 1.76 | 11.52 | 8.39 | 1.77 |
| | 5 | 7.81 | 6.53 | 1.85 | 8.70 | 6.58 | 1.88 | 9.00 | 7.15 | 1.89 | 9.59 | 7.17 | 1.91 | 9.89 | 7.74 | 1.92 | 10.48 | 7.72 | 1.94 | 10.78 | 7.70 | 1.95 | 11.07 | 8.22 | 1.96 |
| | 10 | 7.88 | 6.57 | 1.91 | 8.78 | 6.61 | 1.94 | 9.08 | 7.18 | 1.95 | 9.68 | 7.21 | 1.97 | 9.98 | 7.78 | 1.98 | 10.58 | 7.75 | 2.00 | 10.88 | 7.74 | 2.01 | 11.17 | 8.26 | 2.02 |
| | 15 | 8.60 | 6.88 | 1.83 | 9.58 | 6.92 | 1.86 | 9.90 | 7.52 | 1.87 | 10.56 | 7.55 | 1.89 | 10.88 | 8.15 | 1.90 | 11.53 | 8.12 | 1.92 | 11.86 | 8.11 | 1.92 | 12.19 | 8.65 | 1.93 |
| | 20 | 8.54 | 6.85 | 2.11 | 9.52 | 6.90 | 2.15 | 9.84 | 7.50 | 2.16 | 10.49 | 7.53 | 2.18 | 10.82 | 8.12 | 2.19 | 11.46 | 8.09 | 2.21 | 11.79 | 8.08 | 2.22 | 12.11 | 8.62 | 2.23 |
| | 25 | 9.06 | 7.08 | 2.98 | 10.09 | 7.13 | 3.02 | 10.44 | 7.74 | 3.04 | 11.12 | 7.77 | 3.07 | 11.47 | 8.39 | 3.08 | 12.16 | 8.36 | 3.11 | 12.50 | 8.35 | 3.13 | 12.84 | 8.90 | 3.14 |
| | 30 | 8.48 | 6.83 | 3.20 | 9.45 | 6.87 | 3.25 | 9.77 | 7.47 | 3.26 | 10.41 | 7.50 | 3.30 | 10.74 | 8.09 | 3.31 | 11.38 | 8.06 | 3.35 | 11.70 | 8.05 | 3.36 | 12.02 | 8.58 | 3.38 |
| | 35 | 7.90 | 6.57 | 3.45 | 8.80 | 6.62 | 3.51 | 9.10 | 7.19 | 3.53 | 9.70 | 7.22 | 3.58 | 10.00 | 7.79 | 3.58 | 10.60 | 7.76 | 3.58 | 10.90 | 7.75 | 3.58 | 11.20 | 8.27 | 3.58 |
| | 40 | 6.54 | 5.74 | 3.16 | 7.28 | 5.78 | 3.20 | 7.53 | 6.28 | 3.22 | 8.03 | 6.30 | 3.25 | 8.27 | 6.80 | 3.27 | 8.77 | 6.78 | 3.30 | 9.02 | 6.77 | 3.32 | 9.27 | 7.22 | 3.34 |
| | 46 | 4.28 | 4.28 | 2.35 | 4.77 | 4.42 | 2.39 | 4.93 | 4.80 | 2.40 | 5.26 | 4.82 | 2.43 | 5.42 | 5.20 | 2.44 | 5.75 | 5.19 | 2.46 | 5.91 | 5.18 | 2.48 | 6.07 | 5.52 | 2.49 |

## ● Indoor unit : 9000Btu + 14000Btu + 24000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 9+14+24 Outdoor temperature | 0 | 8.75 | 7.28 | 1.99 | 9.75 | 7.32 | 2.02 | 10.08 | 7.96 | 2.03 | 10.75 | 7.99 | 2.05 | 11.08 | 8.63 | 2.07 | 11.75 | 8.59 | 2.09 | 12.08 | 8.58 | 2.10 | 12.41 | 9.15 | 2.11 |
| | 5 | 8.65 | 7.23 | 2.01 | 9.64 | 7.28 | 2.04 | 9.97 | 7.91 | 2.05 | 10.62 | 7.94 | 2.07 | 10.95 | 8.57 | 2.08 | 11.61 | 8.54 | 2.10 | 11.94 | 8.53 | 2.11 | 12.27 | 9.10 | 2.12 |
| | 10 | 8.56 | 7.19 | 2.05 | 9.54 | 7.24 | 2.08 | 9.86 | 7.87 | 2.09 | 10.51 | 7.90 | 2.11 | 10.84 | 8.53 | 2.13 | 11.49 | 8.49 | 2.15 | 11.81 | 8.48 | 2.16 | 12.14 | 9.05 | 2.17 |
| | 15 | 8.51 | 7.17 | 1.82 | 9.48 | 7.22 | 1.84 | 9.80 | 7.84 | 1.85 | 10.45 | 7.87 | 1.87 | 10.77 | 8.50 | 1.88 | 11.42 | 8.47 | 1.90 | 11.74 | 8.45 | 1.91 | 12.06 | 9.02 | 1.92 |
| | 20 | 8.66 | 7.24 | 2.11 | 9.64 | 7.28 | 2.14 | 9.97 | 7.91 | 2.15 | 10.63 | 7.94 | 2.17 | 10.96 | 8.58 | 2.18 | 11.62 | 8.54 | 2.21 | 11.95 | 8.53 | 2.22 | 12.27 | 9.10 | 2.23 |
| | 25 | 9.02 | 7.39 | 3.04 | 10.05 | 7.44 | 3.09 | 10.39 | 8.09 | 3.10 | 11.07 | 8.12 | 3.13 | 11.42 | 8.76 | 3.15 | 12.10 | 8.73 | 3.18 | 12.44 | 8.72 | 3.20 | 12.79 | 9.30 | 3.21 |
| | 30 | 8.51 | 7.17 | 3.25 | 9.48 | 7.22 | 3.30 | 9.81 | 7.84 | 3.32 | 10.45 | 7.87 | 3.35 | 10.78 | 8.50 | 3.37 | 11.42 | 8.47 | 3.40 | 11.75 | 8.45 | 3.42 | 12.07 | 9.02 | 3.44 |
| | 35 | 7.98 | 6.94 | 3.44 | 8.89 | 6.98 | 3.49 | 9.19 | 7.59 | 3.51 | 9.80 | 7.62 | 3.54 | 10.10 | 8.22 | 3.56 | 10.71 | 8.19 | 3.58 | 11.01 | 8.18 | 3.58 | 11.31 | 8.73 | 3.58 |
| | 40 | 6.76 | 6.17 | 3.16 | 7.53 | 6.21 | 3.20 | 7.79 | 6.75 | 3.22 | 8.30 | 6.78 | 3.25 | 8.56 | 7.32 | 3.27 | 9.07 | 7.29 | 3.30 | 9.33 | 7.28 | 3.32 | 9.59 | 7.76 | 3.34 |
| | 46 | 4.40 | 4.40 | 2.35 | 4.90 | 4.61 | 2.39 | 5.07 | 5.01 | 2.40 | 5.41 | 5.03 | 2.43 | 5.57 | 5.43 | 2.44 | 5.91 | 5.41 | 2.46 | 6.07 | 5.40 | 2.48 | 6.24 | 5.76 | 2.49 |

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

## ● Indoor unit : 9000Btu + 18000Btu + 18000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 9+18+18 | Outdoor temperature (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | 0 | 8.77 | 7.36 | 1.94 | 9.77 | 7.41 | 1.97 | 10.10 | 8.05 | 1.98 | 10.77 | 8.08 | 2.00 | 11.10 | 8.72 | 2.01 | 11.77 | 8.69 | 2.03 | 12.10 | 8.68 | 2.04 | 12.44 | 9.26 | 2.05 |
| | 5 | 8.58 | 7.28 | 2.01 | 9.56 | 7.32 | 2.04 | 9.89 | 7.96 | 2.05 | 10.54 | 7.99 | 2.07 | 10.87 | 8.62 | 2.08 | 11.52 | 8.59 | 2.10 | 11.84 | 8.58 | 2.11 | 12.17 | 9.15 | 2.12 |
| | 10 | 8.56 | 7.26 | 2.06 | 9.53 | 7.31 | 2.09 | 9.86 | 7.95 | 2.10 | 10.51 | 7.98 | 2.12 | 10.83 | 8.61 | 2.13 | 11.48 | 8.58 | 2.16 | 11.81 | 8.56 | 2.17 | 12.13 | 9.14 | 2.18 |
| | 15 | 8.57 | 7.27 | 1.83 | 9.55 | 7.32 | 1.86 | 9.87 | 7.95 | 1.87 | 10.52 | 7.98 | 1.88 | 10.85 | 8.62 | 1.89 | 11.50 | 8.58 | 1.91 | 11.82 | 8.57 | 1.92 | 12.15 | 9.14 | 1.93 |
| | 20 | 8.65 | 7.31 | 2.12 | 9.63 | 7.35 | 2.15 | 9.96 | 7.99 | 2.16 | 10.62 | 8.02 | 2.18 | 10.95 | 8.66 | 2.19 | 11.60 | 8.63 | 2.22 | 11.93 | 8.61 | 2.23 | 12.26 | 9.19 | 2.24 |
| | 25 | 9.06 | 7.49 | 3.03 | 10.10 | 7.54 | 3.08 | 10.44 | 8.19 | 3.09 | 11.13 | 8.23 | 3.12 | 11.47 | 8.88 | 3.14 | 12.16 | 8.85 | 3.17 | 12.51 | 8.83 | 3.19 | 12.85 | 9.42 | 3.20 |
| | 30 | 8.53 | 7.25 | 3.25 | 9.50 | 7.30 | 3.30 | 9.83 | 7.93 | 3.31 | 10.47 | 7.96 | 3.35 | 10.80 | 8.60 | 3.36 | 11.45 | 8.56 | 3.40 | 11.77 | 8.55 | 3.42 | 12.09 | 9.12 | 3.43 |
| | 35 | 7.98 | 7.01 | 3.45 | 8.89 | 7.05 | 3.51 | 9.19 | 7.66 | 3.53 | 9.80 | 7.69 | 3.58 | 10.10 | 8.30 | 3.58 | 10.71 | 8.27 | 3.58 | 11.01 | 8.26 | 3.58 | 11.31 | 8.81 | 3.58 |
| | 40 | 6.69 | 6.03 | 3.16 | 7.45 | 6.07 | 3.20 | 7.70 | 6.59 | 3.22 | 8.21 | 6.62 | 3.25 | 8.46 | 7.15 | 3.27 | 8.97 | 7.12 | 3.30 | 9.23 | 7.11 | 3.32 | 9.48 | 7.58 | 3.34 |
| | 46 | 4.36 | 4.36 | 2.35 | 4.86 | 4.55 | 2.39 | 5.03 | 4.94 | 2.40 | 5.36 | 4.96 | 2.43 | 5.52 | 5.35 | 2.44 | 5.85 | 5.33 | 2.46 | 6.02 | 5.32 | 2.48 | 6.18 | 5.68 | 2.49 |

## ● Indoor unit : 12000Btu + 12000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 12+12+12 | Outdoor temperature (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | 0 | 7.24 | 5.70 | 1.44 | 8.06 | 5.74 | 1.46 | 8.34 | 6.24 | 1.47 | 8.89 | 6.26 | 1.49 | 9.16 | 6.76 | 1.49 | 9.71 | 6.73 | 1.51 | 9.98 | 6.72 | 1.52 | 10.26 | 7.17 | 1.52 |
| | 5 | 6.84 | 5.53 | 1.73 | 7.62 | 5.57 | 1.76 | 7.88 | 6.05 | 1.77 | 8.40 | 6.07 | 1.79 | 8.66 | 6.56 | 1.80 | 9.18 | 6.53 | 1.81 | 9.44 | 6.52 | 1.82 | 9.70 | 6.96 | 1.83 |
| | 10 | 6.96 | 5.58 | 1.88 | 7.76 | 5.62 | 1.91 | 8.02 | 6.11 | 1.92 | 8.55 | 6.13 | 1.94 | 8.81 | 6.62 | 1.95 | 9.34 | 6.59 | 1.97 | 9.61 | 6.58 | 1.98 | 9.87 | 7.02 | 1.99 |
| | 15 | 7.45 | 5.79 | 2.04 | 8.30 | 5.83 | 2.07 | 8.58 | 6.34 | 2.08 | 9.15 | 6.36 | 2.10 | 9.43 | 6.87 | 2.11 | 10.00 | 6.84 | 2.13 | 10.28 | 6.83 | 2.15 | 10.57 | 7.29 | 2.16 |
| | 20 | 7.85 | 5.96 | 2.09 | 8.74 | 6.00 | 2.12 | 9.04 | 6.52 | 2.13 | 9.63 | 6.55 | 2.15 | 9.93 | 7.07 | 2.16 | 10.53 | 7.04 | 2.19 | 10.83 | 7.03 | 2.20 | 11.12 | 7.50 | 2.21 |
| | 25 | 8.11 | 6.07 | 2.77 | 9.03 | 6.11 | 2.82 | 9.34 | 6.64 | 2.83 | 9.95 | 6.67 | 2.86 | 10.26 | 7.20 | 2.88 | 10.88 | 7.17 | 2.90 | 11.18 | 7.16 | 2.92 | 11.49 | 7.64 | 2.93 |
| | 30 | 7.55 | 5.84 | 3.00 | 8.41 | 5.87 | 3.04 | 8.70 | 6.38 | 3.06 | 9.27 | 6.41 | 3.09 | 9.56 | 6.92 | 3.10 | 10.13 | 6.89 | 3.13 | 10.42 | 6.88 | 3.15 | 10.70 | 7.34 | 3.17 |
| | 35 | 7.27 | 5.72 | 3.43 | 8.10 | 5.75 | 3.48 | 8.37 | 6.25 | 3.50 | 8.92 | 6.27 | 3.53 | 9.20 | 6.77 | 3.55 | 9.75 | 6.75 | 3.58 | 10.03 | 6.74 | 3.58 | 10.30 | 7.19 | 3.58 |
| | 40 | 6.35 | 5.38 | 3.16 | 7.07 | 5.41 | 3.20 | 7.31 | 5.88 | 3.22 | 7.79 | 5.91 | 3.25 | 8.03 | 6.37 | 3.27 | 8.52 | 6.35 | 3.30 | 8.76 | 6.34 | 3.32 | 9.00 | 6.76 | 3.34 |
| | 46 | 4.18 | 4.18 | 2.35 | 4.66 | 4.26 | 2.39 | 4.82 | 4.63 | 2.40 | 5.13 | 4.65 | 2.43 | 5.29 | 5.02 | 2.44 | 5.61 | 5.00 | 2.46 | 5.77 | 4.99 | 2.48 | 5.93 | 5.32 | 2.49 |

## ● Indoor unit : 12000Btu + 12000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 12+12+14 | Outdoor temperature (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | 0 | 7.62 | 6.11 | 1.59 | 8.49 | 6.15 | 1.61 | 8.78 | 6.68 | 1.62 | 9.35 | 6.71 | 1.64 | 9.64 | 7.24 | 1.64 | 10.22 | 7.22 | 1.66 | 10.51 | 7.20 | 1.67 | 10.80 | 7.68 | 1.68 |
| | 5 | 7.25 | 5.95 | 1.84 | 8.07 | 5.99 | 1.87 | 8.35 | 6.50 | 1.88 | 8.90 | 6.53 | 1.90 | 9.17 | 7.05 | 1.91 | 9.72 | 7.02 | 1.93 | 10.00 | 7.01 | 1.93 | 10.27 | 7.48 | 1.94 |
| | 10 | 7.36 | 6.00 | 2.06 | 8.19 | 6.03 | 2.10 | 8.47 | 6.56 | 2.11 | 9.03 | 6.58 | 2.13 | 9.31 | 7.11 | 2.14 | 9.87 | 7.08 | 2.16 | 10.15 | 7.07 | 2.17 | 10.43 | 7.54 | 2.18 |
| | 15 | 8.07 | 6.31 | 2.26 | 8.99 | 6.35 | 2.30 | 9.29 | 6.90 | 2.31 | 9.91 | 6.92 | 2.33 | 10.21 | 7.47 | 2.34 | 10.82 | 7.45 | 2.37 | 11.13 | 7.43 | 2.38 | 11.44 | 7.93 | 2.39 |
| | 20 | 7.94 | 6.25 | 2.11 | 8.84 | 6.29 | 2.14 | 9.14 | 6.84 | 2.15 | 9.74 | 6.86 | 2.17 | 10.05 | 7.41 | 2.18 | 10.65 | 7.38 | 2.21 | 10.95 | 7.37 | 2.22 | 11.25 | 7.86 | 2.23 |
| | 25 | 8.48 | 6.49 | 2.93 | 9.45 | 6.53 | 2.98 | 9.77 | 7.10 | 3.00 | 10.41 | 7.12 | 3.03 | 10.73 | 7.69 | 3.04 | 11.38 | 7.66 | 3.07 | 11.70 | 7.65 | 3.09 | 12.02 | 8.16 | 3.10 |
| | 30 | 7.91 | 6.24 | 3.16 | 8.81 | 6.28 | 3.21 | 9.11 | 6.82 | 3.23 | 9.72 | 6.85 | 3.26 | 10.02 | 7.39 | 3.28 | 10.62 | 7.37 | 3.31 | 10.92 | 7.35 | 3.33 | 11.22 | 7.85 | 3.34 |
| | 35 | 7.35 | 5.99 | 3.45 | 8.18 | 6.03 | 3.51 | 8.46 | 6.55 | 3.53 | 9.02 | 6.58 | 3.58 | 9.30 | 7.10 | 3.58 | 9.86 | 7.08 | 3.58 | 10.14 | 7.06 | 3.58 | 10.42 | 7.53 | 3.58 |
| | 40 | 6.42 | 5.52 | 3.16 | 7.15 | 5.56 | 3.20 | 7.40 | 6.04 | 3.22 | 7.89 | 6.06 | 3.25 | 8.13 | 6.55 | 3.27 | 8.62 | 6.52 | 3.30 | 8.86 | 6.51 | 3.32 | 9.11 | 6.95 | 3.34 |
| | 46 | 4.22 | 4.22 | 2.35 | 4.70 | 4.32 | 2.39 | 4.86 | 4.70 | 2.40 | 5.18 | 4.72 | 2.43 | 5.34 | 5.09 | 2.44 | 5.66 | 5.07 | 2.46 | 5.82 | 5.06 | 2.48 | 5.98 | 5.40 | 2.49 |

## ● Indoor unit : 12000Btu + 12000Btu + 18000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 12+12+18 | Outdoor temperature (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | 0 | 8.73 | 6.98 | 1.83 | 9.73 | 7.03 | 1.86 | 10.06 | 7.64 | 1.87 | 10.72 | 7.67 | 1.89 | 11.05 | 8.27 | 1.90 | 11.71 | 8.24 | 1.92 | 12.05 | 8.23 | 1.93 | 12.38 | 8.78 | 1.94 |
| | 5 | 8.43 | 6.85 | 1.99 | 9.39 | 6.89 | 2.02 | 9.71 | 7.49 | 2.03 | 10.35 | 7.52 | 2.05 | 10.67 | 8.12 | 2.06 | 11.31 | 8.09 | 2.08 | 11.63 | 8.07 | 2.09 | 11.95 | 8.61 | 2.10 |
| | 10 | 8.48 | 6.87 | 2.05 | 9.45 | 6.92 | 2.08 | 9.77 | 7.52 | 2.09 | 10.41 | 7.55 | 2.11 | 10.74 | 8.15 | 2.13 | 11.38 | 8.12 | 2.15 | 11.70 | 8.10 | 2.16 | 12.03 | 8.64 | 2.17 |
| | 15 | 8.57 | 6.91 | 1.82 | 9.55 | 6.96 | 1.85 | 9.87 | 7.56 | 1.86 | 10.52 | 7.59 | 1.88 | 10.85 | 8.19 | 1.89 | 11.50 | 8.16 | 1.91 | 11.82 | 8.15 | 1.92 | 12.15 | 8.69 | 1.93 |
| | 20 | 8.55 | 6.90 | 2.11 | 9.52 | 6.95 | 2.14 | 9.85 | 7.55 | 2.15 | 10.50 | 7.58 | 2.17 | 10.82 | 8.18 | 2.18 | 11.47 | 8.15 | 2.21 | 11.79 | 8.14 | 2.22 | 12.12 | 8.68 | 2.23 |
| | 25 | 9.04 | 7.12 | 2.98 | 10.07 | 7.16 | 3.03 | 10.41 | 7.78 | 3.04 | 11.10 | 7.81 | 3.07 | 11.44 | 8.43 | 3.09 | 12.13 | 8.40 | 3.12 | 12.47 | 8.39 | 3.13 | 12.81 | 8.95 | 3.15 |
| | 30 | 8.47 | 6.87 | 3.20 | 9.44 | 6.91 | 3.25 | 9.76 | 7.51 | 3.27 | 10.40 | 7.54 | 3.30 | 10.72 | 8.14 | 3.32 | 11.37 | 8.11 | 3.35 | 11.69 | 8.10 | 3.37 | 12.01 | 8.64 | 3.38 |
| | 35 | 7.90 | 6.62 | 3.45 | 8.80 | 6.66 | 3.51 | 9.10 | 7.24 | 3.53 | 9.70 | 7.27 | 3.58 | 10.00 | 7.84 | 3.58 | 10.60 | 7.82 | 3.58 | 10.90 | 7.80 | 3.58 | 11.20 | 8.32 | 3.58 |
| | 40 | 6.57 | 5.81 | 3.16 | 7.32 | 5.85 | 3.20 | 7.57 | 6.36 | 3.22 | 8.07 | 6.38 | 3.25 | 8.32 | 6.89 | 3.27 | 8.82 | 6.86 | 3.30 | 9.07 | 6.85 | 3.32 | 9.32 | 7.31 | 3.34 |
| | 46 | 4.30 | 4.30 | 2.35 | 4.79 | 4.45 | 2.39 | 4.96 | 4.84 | 2.40 | 5.28 | 4.86 | 2.43 | 5.45 | 5.24 | 2.44 | 5.77 | 5.22 | 2.46 | 5.94 | 5.21 | 2.48 | 6.10 | 5.56 | 2.49 |

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)



OUTDOOR UNIT
AO∗G30L4

## ● Indoor unit : 12000Btu + 12000Btu + 24000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 12+12+24 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | 0 | 8.75 | 7.17 | 2.01 | 9.74 | 7.22 | 2.05 | 10.08 | 7.84 | 2.06 | 10.74 | 7.88 | 2.08 | 11.07 | 8.50 | 2.09 | 11.74 | 8.47 | 2.11 | 12.07 | 8.45 | 2.12 | 12.40 | 9.02 | 2.13 |
| | 5 | 8.69 | 7.15 | 2.00 | 9.68 | 7.20 | 2.03 | 10.01 | 7.82 | 2.04 | 10.67 | 7.85 | 2.06 | 11.00 | 8.47 | 2.07 | 11.66 | 8.44 | 2.09 | 11.99 | 8.43 | 2.10 | 12.33 | 8.99 | 2.11 |
| | 10 | 8.56 | 7.09 | 2.04 | 9.54 | 7.14 | 2.07 | 9.86 | 7.76 | 2.08 | 10.52 | 7.79 | 2.10 | 10.84 | 8.41 | 2.11 | 11.49 | 8.38 | 2.14 | 11.82 | 8.36 | 2.15 | 12.14 | 8.92 | 2.16 |
| | 15 | 8.48 | 7.06 | 1.80 | 9.44 | 7.10 | 1.83 | 9.77 | 7.72 | 1.84 | 10.41 | 7.75 | 1.86 | 10.73 | 8.36 | 1.87 | 11.38 | 8.33 | 1.89 | 11.70 | 8.32 | 1.90 | 12.02 | 8.87 | 1.91 |
| | 20 | 8.66 | 7.14 | 2.10 | 9.65 | 7.18 | 2.13 | 9.98 | 7.81 | 2.14 | 10.64 | 7.84 | 2.16 | 10.97 | 8.46 | 2.17 | 11.62 | 8.43 | 2.20 | 11.95 | 8.41 | 2.21 | 12.28 | 8.97 | 2.22 |
| | 25 | 9.00 | 7.28 | 3.04 | 10.02 | 7.33 | 3.08 | 10.36 | 7.96 | 3.10 | 11.05 | 7.99 | 3.13 | 11.39 | 8.63 | 3.15 | 12.07 | 8.60 | 3.18 | 12.41 | 8.58 | 3.19 | 12.75 | 9.15 | 3.21 |
| | 30 | 8.50 | 7.07 | 3.25 | 9.47 | 7.11 | 3.30 | 9.80 | 7.73 | 3.31 | 10.44 | 7.76 | 3.35 | 10.76 | 8.38 | 3.36 | 11.41 | 8.35 | 3.40 | 11.73 | 8.33 | 3.41 | 12.06 | 8.89 | 3.43 |
| | 35 | 7.98 | 6.84 | 3.42 | 8.89 | 6.89 | 3.47 | 9.19 | 7.49 | 3.49 | 9.80 | 7.51 | 3.52 | 10.10 | 8.11 | 3.54 | 10.71 | 8.08 | 3.58 | 11.01 | 8.07 | 3.58 | 11.31 | 8.61 | 3.58 |
| | 40 | 6.80 | 6.25 | 3.16 | 7.57 | 6.29 | 3.20 | 7.83 | 6.83 | 3.22 | 8.35 | 6.86 | 3.25 | 8.61 | 7.40 | 3.27 | 9.12 | 7.38 | 3.30 | 9.38 | 7.36 | 3.32 | 9.64 | 7.85 | 3.34 |
| | 46 | 4.42 | 4.42 | 2.35 | 4.93 | 4.64 | 2.39 | 5.09 | 5.04 | 2.40 | 5.43 | 5.06 | 2.43 | 5.60 | 5.47 | 2.44 | 5.93 | 5.45 | 2.46 | 6.10 | 5.44 | 2.48 | 6.27 | 5.80 | 2.49 |

## ● Indoor unit : 12000Btu + 14000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 12+14+14 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | 0 | 7.66 | 6.24 | 1.65 | 8.53 | 6.28 | 1.67 | 8.82 | 6.82 | 1.68 | 9.40 | 6.85 | 1.70 | 9.69 | 7.39 | 1.71 | 10.27 | 7.37 | 1.72 | 10.56 | 7.35 | 1.73 | 10.85 | 7.84 | 1.74 |
| | 5 | 7.33 | 6.10 | 1.85 | 8.17 | 6.13 | 1.88 | 8.45 | 6.67 | 1.88 | 9.00 | 6.69 | 1.90 | 9.28 | 7.22 | 1.91 | 9.84 | 7.20 | 1.93 | 10.12 | 7.19 | 1.94 | 10.39 | 7.66 | 1.95 |
| | 10 | 7.42 | 6.13 | 1.91 | 8.26 | 6.17 | 1.94 | 8.54 | 6.71 | 1.95 | 9.11 | 6.73 | 1.97 | 9.39 | 7.27 | 1.98 | 9.95 | 7.24 | 2.00 | 10.23 | 7.23 | 2.01 | 10.51 | 7.71 | 2.02 |
| | 15 | 8.11 | 6.43 | 2.31 | 9.03 | 6.48 | 2.35 | 9.34 | 7.04 | 2.36 | 9.95 | 7.06 | 2.38 | 10.26 | 7.62 | 2.39 | 10.88 | 7.60 | 2.42 | 11.18 | 7.58 | 2.43 | 11.49 | 8.09 | 2.44 |
| | 20 | 8.03 | 6.40 | 2.11 | 8.94 | 6.44 | 2.14 | 9.25 | 7.00 | 2.15 | 9.86 | 7.03 | 2.18 | 10.16 | 7.58 | 2.19 | 10.77 | 7.56 | 2.21 | 11.08 | 7.54 | 2.22 | 11.38 | 8.05 | 2.23 |
| | 25 | 8.53 | 6.62 | 2.96 | 9.51 | 6.66 | 3.01 | 9.83 | 7.24 | 3.02 | 10.48 | 7.27 | 3.05 | 10.80 | 7.85 | 3.07 | 11.45 | 7.82 | 3.10 | 11.78 | 7.80 | 3.11 | 12.10 | 8.33 | 3.13 |
| | 30 | 7.98 | 6.38 | 3.19 | 8.89 | 6.42 | 3.24 | 9.19 | 6.98 | 3.25 | 9.80 | 7.00 | 3.29 | 10.10 | 7.56 | 3.30 | 10.71 | 7.53 | 3.34 | 11.01 | 7.52 | 3.35 | 11.31 | 8.02 | 3.37 |
| | 35 | 7.43 | 6.14 | 3.45 | 8.27 | 6.18 | 3.51 | 8.55 | 6.71 | 3.53 | 9.12 | 6.74 | 3.58 | 9.40 | 7.27 | 3.58 | 9.96 | 7.25 | 3.58 | 10.25 | 7.23 | 3.58 | 10.53 | 7.72 | 3.58 |
| | 40 | 6.50 | 5.67 | 3.16 | 7.24 | 5.70 | 3.20 | 7.49 | 6.20 | 3.22 | 7.98 | 6.22 | 3.25 | 8.23 | 6.72 | 3.27 | 8.72 | 6.69 | 3.30 | 8.97 | 6.68 | 3.32 | 9.21 | 7.13 | 3.34 |
| | 46 | 4.26 | 4.26 | 2.35 | 4.75 | 4.39 | 2.39 | 4.91 | 4.77 | 2.40 | 5.23 | 4.79 | 2.43 | 5.39 | 5.17 | 2.44 | 5.72 | 5.15 | 2.46 | 5.88 | 5.14 | 2.48 | 6.04 | 5.48 | 2.49 |

## ● Indoor unit : 12000Btu + 14000Btu + 18000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 12+14+18 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | 0 | 8.79 | 7.14 | 1.91 | 9.79 | 7.18 | 1.93 | 10.12 | 7.80 | 1.94 | 10.79 | 7.83 | 1.96 | 11.12 | 8.46 | 1.97 | 11.79 | 8.43 | 1.99 | 12.12 | 8.41 | 2.00 | 12.46 | 8.97 | 2.01 |
| | 5 | 8.56 | 7.03 | 2.00 | 9.53 | 7.08 | 2.04 | 9.85 | 7.69 | 2.05 | 10.50 | 7.72 | 2.07 | 10.83 | 8.34 | 2.08 | 11.48 | 8.31 | 2.10 | 11.80 | 8.29 | 2.11 | 12.13 | 8.85 | 2.12 |
| | 10 | 8.56 | 7.04 | 2.06 | 9.53 | 7.08 | 2.09 | 9.86 | 7.70 | 2.10 | 10.51 | 7.73 | 2.12 | 10.83 | 8.34 | 2.13 | 11.48 | 8.31 | 2.16 | 11.81 | 8.29 | 2.17 | 12.13 | 8.85 | 2.18 |
| | 15 | 8.60 | 7.05 | 1.83 | 9.58 | 7.10 | 1.86 | 9.90 | 7.71 | 1.87 | 10.56 | 7.74 | 1.88 | 10.88 | 8.36 | 1.89 | 11.54 | 8.33 | 1.91 | 11.86 | 8.31 | 1.92 | 12.19 | 8.87 | 1.93 |
| | 20 | 8.64 | 7.07 | 2.12 | 9.63 | 7.12 | 2.15 | 9.96 | 7.74 | 2.16 | 10.61 | 7.77 | 2.18 | 10.94 | 8.38 | 2.19 | 11.60 | 8.35 | 2.21 | 11.92 | 8.34 | 2.23 | 12.25 | 8.89 | 2.24 |
| | 25 | 9.09 | 7.27 | 3.02 | 10.12 | 7.31 | 3.06 | 10.47 | 7.95 | 3.08 | 11.16 | 7.98 | 3.11 | 11.50 | 8.61 | 3.13 | 12.19 | 8.58 | 3.16 | 12.54 | 8.57 | 3.17 | 12.88 | 9.14 | 3.19 |
| | 30 | 8.54 | 7.03 | 3.23 | 9.51 | 7.07 | 3.29 | 9.84 | 7.69 | 3.30 | 10.49 | 7.72 | 3.34 | 10.81 | 8.33 | 3.35 | 11.46 | 8.30 | 3.39 | 11.78 | 8.28 | 3.40 | 12.11 | 8.84 | 3.42 |
| | 35 | 7.98 | 6.78 | 3.45 | 8.89 | 6.83 | 3.51 | 9.19 | 7.42 | 3.53 | 9.80 | 7.45 | 3.58 | 10.10 | 8.04 | 3.58 | 10.71 | 8.01 | 3.58 | 11.01 | 8.00 | 3.58 | 11.31 | 8.53 | 3.58 |
| | 40 | 6.65 | 5.96 | 3.16 | 7.41 | 6.00 | 3.20 | 7.66 | 6.52 | 3.22 | 8.16 | 6.54 | 3.25 | 8.42 | 7.06 | 3.27 | 8.92 | 7.04 | 3.30 | 9.17 | 7.02 | 3.32 | 9.43 | 7.49 | 3.34 |
| | 46 | 4.34 | 4.34 | 2.35 | 4.84 | 4.51 | 2.39 | 5.00 | 4.91 | 2.40 | 5.33 | 4.92 | 2.43 | 5.50 | 5.32 | 2.44 | 5.83 | 5.30 | 2.46 | 5.99 | 5.29 | 2.48 | 6.16 | 5.64 | 2.49 |

## ● Indoor unit : 12000Btu + 18000Btu + 18000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 12+18+18 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | 0 | 8.75 | 7.33 | 2.04 | 9.74 | 7.38 | 2.07 | 10.08 | 8.02 | 2.08 | 10.74 | 8.05 | 2.10 | 11.07 | 8.69 | 2.11 | 11.74 | 8.66 | 2.13 | 12.07 | 8.64 | 2.14 | 12.40 | 9.22 | 2.15 |
| | 5 | 8.69 | 7.31 | 2.02 | 9.68 | 7.35 | 2.05 | 10.01 | 7.99 | 2.06 | 10.67 | 8.02 | 2.08 | 11.00 | 8.66 | 2.09 | 11.66 | 8.63 | 2.11 | 11.99 | 8.61 | 2.12 | 12.33 | 9.19 | 2.14 |
| | 10 | 8.56 | 7.25 | 2.06 | 9.54 | 7.30 | 2.10 | 9.86 | 7.93 | 2.11 | 10.52 | 7.96 | 2.13 | 10.84 | 8.59 | 2.14 | 11.49 | 8.56 | 2.16 | 11.82 | 8.55 | 2.17 | 12.14 | 9.12 | 2.18 |
| | 15 | 8.48 | 7.21 | 1.83 | 9.44 | 7.26 | 1.85 | 9.77 | 7.89 | 1.86 | 10.41 | 7.92 | 1.88 | 10.73 | 8.55 | 1.89 | 11.38 | 8.52 | 1.91 | 11.70 | 8.50 | 1.92 | 12.02 | 9.07 | 1.93 |
| | 20 | 8.66 | 7.29 | 2.12 | 9.65 | 7.34 | 2.15 | 9.98 | 7.98 | 2.17 | 10.64 | 8.01 | 2.19 | 10.97 | 8.64 | 2.20 | 11.62 | 8.61 | 2.22 | 11.95 | 8.60 | 2.23 | 12.28 | 9.17 | 2.24 |
| | 25 | 9.00 | 7.44 | 3.07 | 10.02 | 7.49 | 3.12 | 10.36 | 8.14 | 3.13 | 11.05 | 8.17 | 3.17 | 11.39 | 8.82 | 3.18 | 12.07 | 8.78 | 3.21 | 12.41 | 8.77 | 3.23 | 12.75 | 9.35 | 3.25 |
| | 30 | 8.50 | 7.22 | 3.28 | 9.47 | 7.27 | 3.33 | 9.80 | 7.90 | 3.35 | 10.44 | 7.93 | 3.39 | 10.76 | 8.56 | 3.40 | 11.41 | 8.53 | 3.44 | 11.73 | 8.52 | 3.45 | 12.06 | 9.08 | 3.47 |
| | 35 | 7.98 | 6.99 | 3.45 | 8.89 | 7.04 | 3.51 | 9.19 | 7.65 | 3.53 | 9.80 | 7.68 | 3.58 | 10.10 | 8.29 | 3.58 | 10.71 | 8.26 | 3.58 | 11.01 | 8.24 | 3.58 | 11.31 | 8.80 | 3.58 |
| | 40 | 6.80 | 6.25 | 3.16 | 7.57 | 6.29 | 3.20 | 7.83 | 6.83 | 3.22 | 8.35 | 6.86 | 3.25 | 8.61 | 7.40 | 3.27 | 9.12 | 7.38 | 3.30 | 9.38 | 7.36 | 3.32 | 9.64 | 7.85 | 3.34 |
| | 46 | 4.42 | 4.42 | 2.35 | 4.93 | 4.64 | 2.39 | 5.09 | 5.04 | 2.40 | 5.43 | 5.06 | 2.43 | 5.60 | 5.47 | 2.44 | 5.93 | 5.45 | 2.46 | 6.10 | 5.44 | 2.48 | 6.27 | 5.80 | 2.49 |

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

## ● Indoor unit : 7000Btu + 7000Btu + 7000Btu + 7000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 7+7+7+7 Outdoor temperature | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | 0 | 7.51 | 5.98 | 1.68 | 8.37 | 6.02 | 1.70 | 8.65 | 6.54 | 1.71 | 9.22 | 6.57 | 1.73 | 9.51 | 7.09 | 1.74 | 10.08 | 7.06 | 1.76 | 10.37 | 7.05 | 1.76 | 10.65 | 7.52 | 1.77 |
| | 5 | 7.01 | 5.75 | 1.85 | 7.81 | 5.79 | 1.88 | 8.07 | 6.29 | 1.89 | 8.61 | 6.32 | 1.91 | 8.87 | 6.82 | 1.92 | 9.40 | 6.79 | 1.94 | 9.67 | 6.78 | 1.95 | 9.94 | 7.23 | 1.96 |
| | 10 | 7.11 | 5.80 | 1.49 | 7.93 | 5.84 | 1.51 | 8.20 | 6.34 | 1.52 | 8.74 | 6.37 | 1.53 | 9.01 | 6.87 | 1.54 | 9.55 | 6.85 | 1.56 | 9.82 | 6.84 | 1.56 | 10.09 | 7.29 | 1.57 |
| | 15 | 7.26 | 5.87 | 1.64 | 8.09 | 5.90 | 1.66 | 8.36 | 6.42 | 1.67 | 8.91 | 6.44 | 1.69 | 9.19 | 6.95 | 1.70 | 9.74 | 6.93 | 1.72 | 10.02 | 6.92 | 1.72 | 10.29 | 7.38 | 1.73 |
| | 20 | 8.39 | 6.38 | 2.05 | 9.34 | 6.42 | 2.08 | 9.66 | 6.98 | 2.09 | 10.30 | 7.01 | 2.11 | 10.62 | 7.56 | 2.12 | 11.25 | 7.54 | 2.14 | 11.57 | 7.52 | 2.15 | 11.89 | 8.02 | 2.16 |
| | 25 | 8.00 | 6.21 | 2.39 | 8.91 | 6.24 | 2.43 | 9.22 | 6.79 | 2.44 | 9.82 | 6.81 | 2.47 | 10.13 | 7.35 | 2.48 | 10.74 | 7.33 | 2.50 | 11.04 | 7.31 | 2.52 | 11.34 | 7.80 | 2.53 |
| | 30 | 7.41 | 5.94 | 2.60 | 8.26 | 5.98 | 2.64 | 8.54 | 6.49 | 2.65 | 9.10 | 6.52 | 2.68 | 9.38 | 7.04 | 2.70 | 9.95 | 7.01 | 2.72 | 10.23 | 7.00 | 2.74 | 10.51 | 7.47 | 2.75 |
| | 35 | 7.58 | 6.02 | 3.29 | 8.45 | 6.05 | 3.34 | 8.74 | 6.58 | 3.36 | 9.31 | 6.60 | 3.39 | 9.60 | 7.13 | 3.41 | 10.18 | 7.10 | 3.44 | 10.46 | 7.09 | 3.46 | 10.75 | 7.56 | 3.48 |
| | 40 | 6.09 | 5.04 | 3.16 | 6.78 | 5.07 | 3.20 | 7.02 | 5.51 | 3.22 | 7.48 | 5.53 | 3.25 | 7.71 | 5.97 | 3.27 | 8.17 | 5.95 | 3.30 | 8.40 | 5.94 | 3.32 | 8.64 | 6.34 | 3.34 |
| | 46 | 4.02 | 3.98 | 2.35 | 4.48 | 4.01 | 2.39 | 4.63 | 4.36 | 2.40 | 4.94 | 4.37 | 2.43 | 5.09 | 4.72 | 2.44 | 5.39 | 4.70 | 2.46 | 5.55 | 4.69 | 2.48 | 5.70 | 5.01 | 2.49 |

## ● Indoor unit : 7000Btu + 7000Btu + 7000Btu + 9000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 7+7+7+9 Outdoor temperature | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | 0 | 7.40 | 5.88 | 1.74 | 8.24 | 5.92 | 1.77 | 8.52 | 6.43 | 1.78 | 9.08 | 6.46 | 1.80 | 9.37 | 6.97 | 1.81 | 9.93 | 6.94 | 1.83 | 10.21 | 6.93 | 1.83 | 10.49 | 7.40 | 1.84 |
| | 5 | 6.91 | 5.67 | 1.91 | 7.70 | 5.70 | 1.94 | 7.96 | 6.20 | 1.95 | 8.49 | 6.22 | 1.97 | 8.75 | 6.72 | 1.98 | 9.28 | 6.69 | 2.00 | 9.54 | 6.68 | 2.01 | 9.80 | 7.13 | 2.02 |
| | 10 | 7.04 | 5.72 | 1.57 | 7.84 | 5.76 | 1.59 | 8.10 | 6.26 | 1.60 | 8.64 | 6.28 | 1.62 | 8.91 | 6.78 | 1.62 | 9.44 | 6.76 | 1.64 | 9.71 | 6.74 | 1.65 | 9.97 | 7.19 | 1.66 |
| | 15 | 7.19 | 5.79 | 1.70 | 8.01 | 5.83 | 1.72 | 8.28 | 6.33 | 1.73 | 8.83 | 6.36 | 1.75 | 9.10 | 6.86 | 1.76 | 9.65 | 6.84 | 1.78 | 9.92 | 6.82 | 1.79 | 10.20 | 7.28 | 1.79 |
| | 20 | 8.35 | 6.30 | 2.07 | 9.30 | 6.34 | 2.11 | 9.61 | 6.89 | 2.12 | 10.25 | 6.92 | 2.14 | 10.57 | 7.47 | 2.15 | 11.20 | 7.44 | 2.17 | 11.52 | 7.43 | 2.18 | 11.83 | 7.92 | 2.19 |
| | 25 | 7.94 | 6.12 | 2.44 | 8.84 | 6.16 | 2.48 | 9.14 | 6.69 | 2.50 | 9.74 | 6.72 | 2.52 | 10.04 | 7.25 | 2.53 | 10.65 | 7.23 | 2.56 | 10.95 | 7.21 | 2.57 | 11.25 | 7.69 | 2.58 |
| | 30 | 7.36 | 5.86 | 2.65 | 8.20 | 5.90 | 2.69 | 8.48 | 6.41 | 2.71 | 9.04 | 6.44 | 2.74 | 9.32 | 6.95 | 2.75 | 9.87 | 6.92 | 2.78 | 10.15 | 6.91 | 2.79 | 10.43 | 7.37 | 2.80 |
| | 35 | 7.74 | 6.03 | 3.42 | 8.62 | 6.07 | 3.47 | 8.92 | 6.60 | 3.49 | 9.51 | 6.62 | 3.52 | 9.80 | 7.15 | 3.54 | 10.39 | 7.12 | 3.58 | 10.68 | 7.11 | 3.58 | 10.98 | 7.59 | 3.58 |
| | 40 | 6.15 | 4.95 | 3.16 | 6.85 | 4.98 | 3.20 | 7.08 | 5.41 | 3.22 | 7.55 | 5.43 | 3.25 | 7.78 | 5.86 | 3.27 | 8.25 | 5.84 | 3.30 | 8.48 | 5.83 | 3.32 | 8.71 | 6.22 | 3.34 |
| | 46 | 4.06 | 4.05 | 2.35 | 4.52 | 4.07 | 2.39 | 4.68 | 4.42 | 2.40 | 4.99 | 4.44 | 2.43 | 5.14 | 4.79 | 2.44 | 5.45 | 4.78 | 2.46 | 5.60 | 4.77 | 2.48 | 5.76 | 5.09 | 2.49 |

## ● Indoor unit : 7000Btu + 7000Btu + 7000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 7+7+7+12 Outdoor temperature | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | 0 | 7.88 | 6.22 | 1.35 | 8.78 | 6.26 | 1.37 | 9.08 | 6.80 | 1.38 | 9.67 | 6.83 | 1.39 | 9.97 | 7.37 | 1.40 | 10.57 | 7.34 | 1.41 | 10.87 | 7.33 | 1.42 | 11.17 | 7.82 | 1.43 |
| | 5 | 7.40 | 6.00 | 1.72 | 8.24 | 6.04 | 1.74 | 8.52 | 6.57 | 1.75 | 9.08 | 6.59 | 1.77 | 9.36 | 7.12 | 1.78 | 9.93 | 7.09 | 1.80 | 10.21 | 7.08 | 1.81 | 10.49 | 7.55 | 1.82 |
| | 10 | 7.54 | 6.07 | 1.78 | 8.40 | 6.11 | 1.81 | 8.68 | 6.63 | 1.81 | 9.26 | 6.66 | 1.83 | 9.54 | 7.19 | 1.84 | 10.11 | 7.16 | 1.86 | 10.40 | 7.15 | 1.87 | 10.69 | 7.63 | 1.88 |
| | 15 | 7.71 | 6.14 | 1.88 | 8.59 | 6.18 | 1.91 | 8.88 | 6.72 | 1.92 | 9.47 | 6.74 | 1.94 | 9.76 | 7.28 | 1.95 | 10.34 | 7.25 | 1.96 | 10.64 | 7.24 | 1.97 | 10.93 | 7.72 | 1.98 |
| | 20 | 8.44 | 6.46 | 2.08 | 9.40 | 6.50 | 2.11 | 9.72 | 7.07 | 2.12 | 10.36 | 7.09 | 2.14 | 10.68 | 7.66 | 2.15 | 11.32 | 7.63 | 2.17 | 11.64 | 7.62 | 2.19 | 11.96 | 8.12 | 2.20 |
| | 25 | 8.77 | 6.61 | 2.73 | 9.77 | 6.65 | 2.77 | 10.10 | 7.23 | 2.78 | 10.77 | 7.26 | 2.81 | 11.10 | 7.83 | 2.83 | 11.77 | 7.80 | 2.86 | 12.10 | 7.79 | 2.87 | 12.44 | 8.31 | 2.88 |
| | 30 | 8.15 | 6.34 | 2.95 | 9.08 | 6.38 | 3.00 | 9.39 | 6.93 | 3.01 | 10.01 | 6.96 | 3.04 | 10.32 | 7.51 | 3.06 | 10.94 | 7.48 | 3.09 | 11.25 | 7.47 | 3.11 | 11.56 | 7.97 | 3.12 |
| | 35 | 7.82 | 6.19 | 3.42 | 8.71 | 6.23 | 3.47 | 9.01 | 6.77 | 3.49 | 9.60 | 6.80 | 3.52 | 9.90 | 7.34 | 3.54 | 10.49 | 7.31 | 3.58 | 10.79 | 7.30 | 3.58 | 11.09 | 7.78 | 3.58 |
| | 40 | 6.23 | 5.16 | 3.16 | 6.94 | 5.20 | 3.20 | 7.18 | 5.65 | 3.22 | 7.65 | 5.67 | 3.25 | 7.89 | 6.12 | 3.27 | 8.36 | 6.10 | 3.30 | 8.60 | 6.08 | 3.32 | 8.84 | 6.49 | 3.34 |
| | 46 | 4.12 | 4.12 | 2.35 | 4.59 | 4.17 | 2.39 | 4.75 | 4.53 | 2.40 | 5.06 | 4.54 | 2.43 | 5.22 | 4.91 | 2.44 | 5.53 | 4.89 | 2.46 | 5.69 | 4.88 | 2.48 | 5.84 | 5.21 | 2.49 |

## ● Indoor unit : 7000Btu + 7000Btu + 7000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 7+7+7+14 Outdoor temperature | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | 0 | 7.82 | 6.26 | 1.42 | 8.71 | 6.30 | 1.44 | 9.00 | 6.85 | 1.45 | 9.60 | 6.87 | 1.46 | 9.89 | 7.42 | 1.47 | 10.49 | 7.39 | 1.48 | 10.78 | 7.38 | 1.49 | 11.08 | 7.87 | 1.50 |
| | 5 | 7.37 | 6.06 | 1.73 | 8.21 | 6.10 | 1.76 | 8.49 | 6.63 | 1.77 | 9.05 | 6.66 | 1.79 | 9.33 | 7.19 | 1.80 | 9.89 | 7.16 | 1.82 | 10.17 | 7.15 | 1.82 | 10.45 | 7.63 | 1.83 |
| | 10 | 7.51 | 6.12 | 1.86 | 8.36 | 6.16 | 1.88 | 8.65 | 6.70 | 1.89 | 9.22 | 6.72 | 1.91 | 9.50 | 7.26 | 1.92 | 10.07 | 7.23 | 1.94 | 10.36 | 7.22 | 1.95 | 10.64 | 7.70 | 1.96 |
| | 15 | 8.04 | 6.36 | 2.02 | 8.96 | 6.40 | 2.05 | 9.26 | 6.95 | 2.07 | 9.87 | 6.98 | 2.09 | 10.18 | 7.54 | 2.10 | 10.79 | 7.51 | 2.12 | 11.09 | 7.49 | 2.13 | 11.40 | 8.00 | 2.14 |
| | 20 | 8.44 | 6.53 | 2.09 | 9.40 | 6.58 | 2.12 | 9.72 | 7.15 | 2.14 | 10.36 | 7.17 | 2.16 | 10.68 | 7.74 | 2.17 | 11.32 | 7.72 | 2.19 | 11.65 | 7.70 | 2.20 | 11.97 | 8.22 | 2.21 |
| | 25 | 8.74 | 6.67 | 2.77 | 9.74 | 6.71 | 2.81 | 10.07 | 7.29 | 2.83 | 10.73 | 7.32 | 2.86 | 11.06 | 7.90 | 2.87 | 11.73 | 7.87 | 2.90 | 12.06 | 7.86 | 2.91 | 12.39 | 8.38 | 2.93 |
| | 30 | 8.13 | 6.40 | 2.99 | 9.06 | 6.44 | 3.04 | 9.37 | 7.00 | 3.05 | 9.99 | 7.03 | 3.09 | 10.30 | 7.58 | 3.10 | 10.91 | 7.56 | 3.13 | 11.22 | 7.54 | 3.15 | 11.53 | 8.05 | 3.16 |
| | 35 | 7.82 | 6.26 | 3.44 | 8.71 | 6.30 | 3.49 | 9.01 | 6.85 | 3.51 | 9.60 | 6.88 | 3.54 | 9.90 | 7.42 | 3.56 | 10.49 | 7.39 | 3.58 | 10.79 | 7.38 | 3.58 | 11.09 | 7.87 | 3.58 |
| | 40 | 6.31 | 5.31 | 3.16 | 7.03 | 5.34 | 3.20 | 7.27 | 5.80 | 3.22 | 7.75 | 5.83 | 3.25 | 7.99 | 6.29 | 3.27 | 8.47 | 6.27 | 3.30 | 8.71 | 6.26 | 3.32 | 8.95 | 6.67 | 3.34 |
| | 46 | 4.16 | 4.16 | 2.35 | 4.64 | 4.23 | 2.39 | 4.79 | 4.60 | 2.40 | 5.11 | 4.61 | 2.43 | 5.27 | 4.98 | 2.44 | 5.58 | 4.96 | 2.46 | 5.74 | 4.95 | 2.48 | 5.90 | 5.28 | 2.49 |

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)



OUTDOOR UNIT
AO∗G30L4

## ● Indoor unit : 7000Btu + 7000Btu + 7000Btu + 18000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 7+7+7+18 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | 0 | 8.25 | 6.98 | 1.60 | 9.19 | 7.02 | 1.63 | 9.50 | 7.63 | 1.64 | 10.13 | 7.66 | 1.65 | 10.44 | 8.27 | 1.66 | 11.07 | 8.24 | 1.68 | 11.38 | 8.23 | 1.69 | 11.69 | 8.78 | 1.69 |
| | 5 | 7.87 | 6.81 | 1.83 | 8.77 | 6.85 | 1.86 | 9.07 | 7.44 | 1.87 | 9.66 | 7.47 | 1.88 | 9.96 | 8.07 | 1.89 | 10.56 | 8.04 | 1.91 | 10.86 | 8.02 | 1.92 | 11.16 | 8.56 | 1.93 |
| | 10 | 7.98 | 6.85 | 1.89 | 8.89 | 6.90 | 1.92 | 9.19 | 7.50 | 1.93 | 9.79 | 7.53 | 1.95 | 10.10 | 8.12 | 1.96 | 10.70 | 8.09 | 1.98 | 11.01 | 8.08 | 1.99 | 11.31 | 8.62 | 2.00 |
| | 15 | 8.74 | 7.20 | 2.27 | 9.73 | 7.25 | 2.30 | 10.06 | 7.88 | 2.31 | 10.73 | 7.91 | 2.34 | 11.06 | 8.54 | 2.35 | 11.72 | 8.50 | 2.37 | 12.05 | 8.49 | 2.39 | 12.38 | 9.06 | 2.40 |
| | 20 | 8.62 | 7.15 | 2.09 | 9.60 | 7.20 | 2.12 | 9.93 | 7.82 | 2.14 | 10.59 | 7.85 | 2.16 | 10.91 | 8.47 | 2.17 | 11.57 | 8.44 | 2.19 | 11.90 | 8.43 | 2.20 | 12.22 | 8.99 | 2.21 |
| | 25 | 9.19 | 7.41 | 2.92 | 10.24 | 7.46 | 2.97 | 10.59 | 8.10 | 2.98 | 11.28 | 8.14 | 3.01 | 11.63 | 8.78 | 3.03 | 12.33 | 8.75 | 3.06 | 12.68 | 8.73 | 3.07 | 13.03 | 9.32 | 3.09 |
| | 30 | 8.58 | 7.13 | 3.15 | 9.56 | 7.18 | 3.20 | 9.89 | 7.80 | 3.21 | 10.54 | 7.83 | 3.25 | 10.87 | 8.45 | 3.26 | 11.52 | 8.42 | 3.29 | 11.84 | 8.41 | 3.31 | 12.17 | 8.97 | 3.33 |
| | 35 | 7.98 | 6.86 | 3.43 | 8.89 | 6.90 | 3.48 | 9.19 | 7.50 | 3.50 | 9.80 | 7.53 | 3.53 | 10.10 | 8.12 | 3.55 | 10.71 | 8.10 | 3.58 | 11.01 | 8.08 | 3.58 | 11.31 | 8.62 | 3.58 |
| | 40 | 6.46 | 5.60 | 3.16 | 7.20 | 5.63 | 3.20 | 7.44 | 6.12 | 3.22 | 7.93 | 6.14 | 3.25 | 8.18 | 6.63 | 3.27 | 8.67 | 6.61 | 3.30 | 8.91 | 6.60 | 3.32 | 9.16 | 7.04 | 3.34 |
| | 46 | 4.24 | 4.24 | 2.35 | 4.72 | 4.36 | 2.39 | 4.89 | 4.73 | 2.40 | 5.21 | 4.75 | 2.43 | 5.37 | 5.13 | 2.44 | 5.69 | 5.11 | 2.46 | 5.85 | 5.10 | 2.48 | 6.01 | 5.44 | 2.49 |

## ● Indoor unit : 7000Btu + 7000Btu + 9000Btu + 9000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 7+7+9+9 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | 0 | 7.25 | 6.02 | 1.20 | 8.08 | 6.06 | 1.21 | 8.36 | 6.58 | 1.22 | 8.91 | 6.61 | 1.23 | 9.18 | 7.13 | 1.24 | 9.73 | 7.11 | 1.25 | 10.01 | 7.09 | 1.26 | 10.28 | 7.57 | 1.26 |
| | 5 | 6.80 | 5.81 | 1.55 | 7.57 | 5.85 | 1.57 | 7.83 | 6.36 | 1.58 | 8.35 | 6.38 | 1.60 | 8.61 | 6.89 | 1.61 | 9.12 | 6.86 | 1.62 | 9.38 | 6.85 | 1.63 | 9.64 | 7.31 | 1.64 |
| | 10 | 6.93 | 5.87 | 1.58 | 7.72 | 5.91 | 1.60 | 7.98 | 6.42 | 1.61 | 8.50 | 6.44 | 1.62 | 8.77 | 6.96 | 1.63 | 9.29 | 6.93 | 1.65 | 9.56 | 6.92 | 1.66 | 9.82 | 7.38 | 1.67 |
| | 15 | 7.57 | 6.16 | 1.79 | 8.44 | 6.20 | 1.82 | 8.72 | 6.74 | 1.83 | 9.30 | 6.77 | 1.85 | 9.59 | 7.30 | 1.86 | 10.16 | 7.28 | 1.88 | 10.45 | 7.26 | 1.89 | 10.74 | 7.75 | 1.90 |
| | 20 | 8.26 | 6.48 | 2.01 | 9.21 | 6.52 | 2.04 | 9.52 | 7.08 | 2.05 | 10.15 | 7.11 | 2.07 | 10.46 | 7.68 | 2.08 | 11.09 | 7.65 | 2.10 | 11.40 | 7.63 | 2.11 | 11.72 | 8.14 | 2.12 |
| | 25 | 8.61 | 6.63 | 2.62 | 9.59 | 6.68 | 2.66 | 9.92 | 7.25 | 2.68 | 10.57 | 7.28 | 2.70 | 10.90 | 7.86 | 2.72 | 11.55 | 7.83 | 2.75 | 11.88 | 7.82 | 2.76 | 12.21 | 8.34 | 2.77 |
| | 30 | 8.00 | 6.35 | 2.84 | 8.91 | 6.40 | 2.89 | 9.21 | 6.95 | 2.90 | 9.82 | 6.98 | 2.93 | 10.12 | 7.53 | 2.94 | 10.73 | 7.50 | 2.97 | 11.03 | 7.49 | 2.99 | 11.34 | 7.99 | 3.00 |
| | 35 | 7.66 | 6.20 | 3.30 | 8.54 | 6.24 | 3.35 | 8.83 | 6.78 | 3.37 | 9.41 | 6.81 | 3.40 | 9.70 | 7.35 | 3.42 | 10.28 | 7.33 | 3.45 | 10.57 | 7.31 | 3.47 | 10.86 | 7.80 | 3.49 |
| | 40 | 6.20 | 5.09 | 3.16 | 6.90 | 5.12 | 3.20 | 7.14 | 5.57 | 3.22 | 7.61 | 5.59 | 3.25 | 7.84 | 6.03 | 3.27 | 8.31 | 6.01 | 3.30 | 8.55 | 6.00 | 3.32 | 8.79 | 6.40 | 3.34 |
| | 46 | 4.10 | 4.10 | 2.35 | 4.57 | 4.13 | 2.39 | 4.72 | 4.49 | 2.40 | 5.03 | 4.51 | 2.43 | 5.19 | 4.87 | 2.44 | 5.50 | 4.85 | 2.46 | 5.66 | 4.84 | 2.48 | 5.81 | 5.17 | 2.49 |

## ● Indoor unit : 7000Btu + 7000Btu + 9000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 7+7+9+12 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | 0 | 7.82 | 6.26 | 1.41 | 8.71 | 6.30 | 1.44 | 9.00 | 6.85 | 1.44 | 9.60 | 6.87 | 1.46 | 9.89 | 7.42 | 1.46 | 10.49 | 7.39 | 1.48 | 10.78 | 7.38 | 1.49 | 11.08 | 7.87 | 1.49 |
| | 5 | 7.37 | 6.06 | 1.73 | 8.21 | 6.10 | 1.76 | 8.49 | 6.63 | 1.77 | 9.05 | 6.66 | 1.78 | 9.33 | 7.19 | 1.79 | 9.89 | 7.16 | 1.81 | 10.17 | 7.15 | 1.82 | 10.45 | 7.63 | 1.83 |
| | 10 | 7.51 | 6.12 | 1.85 | 8.36 | 6.16 | 1.88 | 8.65 | 6.70 | 1.89 | 9.22 | 6.72 | 1.91 | 9.50 | 7.26 | 1.92 | 10.07 | 7.23 | 1.94 | 10.36 | 7.22 | 1.95 | 10.64 | 7.70 | 1.96 |
| | 15 | 8.04 | 6.36 | 2.02 | 8.96 | 6.40 | 2.05 | 9.26 | 6.95 | 2.06 | 9.87 | 6.98 | 2.08 | 10.18 | 7.54 | 2.09 | 10.79 | 7.51 | 2.11 | 11.09 | 7.49 | 2.12 | 11.40 | 8.00 | 2.13 |
| | 20 | 8.44 | 6.53 | 2.09 | 9.40 | 6.58 | 2.12 | 9.72 | 7.15 | 2.13 | 10.36 | 7.17 | 2.15 | 10.68 | 7.74 | 2.16 | 11.32 | 7.72 | 2.18 | 11.65 | 7.70 | 2.19 | 11.97 | 8.22 | 2.21 |
| | 25 | 8.74 | 6.67 | 2.76 | 9.74 | 6.71 | 2.80 | 10.07 | 7.29 | 2.82 | 10.73 | 7.32 | 2.85 | 11.06 | 7.90 | 2.86 | 11.73 | 7.87 | 2.89 | 12.06 | 7.86 | 2.90 | 12.39 | 8.38 | 2.92 |
| | 30 | 8.13 | 6.40 | 2.98 | 9.06 | 6.44 | 3.03 | 9.37 | 7.00 | 3.05 | 9.99 | 7.03 | 3.08 | 10.30 | 7.58 | 3.09 | 10.91 | 7.56 | 3.12 | 11.22 | 7.54 | 3.14 | 11.53 | 8.05 | 3.15 |
| | 35 | 7.82 | 6.26 | 3.43 | 8.71 | 6.30 | 3.48 | 9.01 | 6.85 | 3.50 | 9.60 | 6.88 | 3.53 | 9.90 | 7.42 | 3.55 | 10.49 | 7.39 | 3.58 | 10.79 | 7.38 | 3.58 | 11.09 | 7.87 | 3.58 |
| | 40 | 6.31 | 5.31 | 3.16 | 7.03 | 5.34 | 3.20 | 7.27 | 5.80 | 3.22 | 7.75 | 5.83 | 3.25 | 7.99 | 6.29 | 3.27 | 8.47 | 6.27 | 3.30 | 8.71 | 6.26 | 3.32 | 8.95 | 6.67 | 3.34 |
| | 46 | 4.16 | 4.16 | 2.35 | 4.64 | 4.23 | 2.39 | 4.79 | 4.60 | 2.40 | 5.11 | 4.61 | 2.43 | 5.27 | 4.98 | 2.44 | 5.58 | 4.96 | 2.46 | 5.74 | 4.95 | 2.48 | 5.90 | 5.28 | 2.49 |

## ● Indoor unit : 7000Btu + 7000Btu + 9000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 7+7+9+14 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | 0 | 8.22 | 6.54 | 1.55 | 9.15 | 6.58 | 1.57 | 9.47 | 7.15 | 1.58 | 10.09 | 7.18 | 1.60 | 10.40 | 7.75 | 1.61 | 11.03 | 7.72 | 1.62 | 11.34 | 7.71 | 1.63 | 11.65 | 8.23 | 1.64 |
| | 5 | 7.79 | 6.35 | 1.83 | 8.68 | 6.40 | 1.86 | 8.97 | 6.95 | 1.87 | 9.57 | 6.98 | 1.89 | 9.86 | 7.53 | 1.90 | 10.45 | 7.50 | 1.92 | 10.75 | 7.49 | 1.93 | 11.05 | 7.99 | 1.93 |
| | 10 | 7.92 | 6.41 | 2.02 | 8.82 | 6.45 | 2.05 | 9.12 | 7.01 | 2.06 | 9.73 | 7.04 | 2.09 | 10.03 | 7.60 | 2.10 | 10.63 | 7.57 | 2.12 | 10.93 | 7.56 | 2.13 | 11.23 | 8.06 | 2.14 |
| | 15 | 8.70 | 6.75 | 2.23 | 9.69 | 6.80 | 2.27 | 10.02 | 7.38 | 2.28 | 10.68 | 7.41 | 2.30 | 11.01 | 8.00 | 2.31 | 11.67 | 7.97 | 2.34 | 12.00 | 7.96 | 2.35 | 12.33 | 8.49 | 2.36 |
| | 20 | 8.53 | 6.68 | 2.10 | 9.50 | 6.72 | 2.13 | 9.83 | 7.30 | 2.14 | 10.47 | 7.33 | 2.17 | 10.80 | 7.91 | 2.18 | 11.45 | 7.89 | 2.20 | 11.77 | 7.87 | 2.21 | 12.09 | 8.40 | 2.22 |
| | 25 | 9.14 | 6.94 | 2.91 | 10.18 | 6.99 | 2.96 | 10.52 | 7.59 | 2.97 | 11.22 | 7.62 | 3.00 | 11.56 | 8.23 | 3.02 | 12.26 | 8.20 | 3.05 | 12.61 | 8.18 | 3.06 | 12.95 | 8.73 | 3.08 |
| | 30 | 8.52 | 6.67 | 3.14 | 9.49 | 6.72 | 3.19 | 9.81 | 7.30 | 3.21 | 10.46 | 7.33 | 3.24 | 10.78 | 7.91 | 3.26 | 11.43 | 7.88 | 3.29 | 11.75 | 7.87 | 3.30 | 12.08 | 8.39 | 3.32 |
| | 35 | 7.90 | 6.40 | 3.45 | 8.80 | 6.44 | 3.51 | 9.10 | 7.00 | 3.53 | 9.70 | 7.03 | 3.58 | 10.00 | 7.59 | 3.58 | 10.60 | 7.56 | 3.58 | 10.90 | 7.55 | 3.58 | 11.20 | 8.05 | 3.58 |
| | 40 | 6.39 | 5.45 | 3.16 | 7.11 | 5.49 | 3.20 | 7.36 | 5.96 | 3.22 | 7.84 | 5.99 | 3.25 | 8.08 | 6.46 | 3.27 | 8.57 | 6.44 | 3.30 | 8.81 | 6.43 | 3.32 | 9.05 | 6.85 | 3.34 |
| | 46 | 4.20 | 4.20 | 2.35 | 4.68 | 4.29 | 2.39 | 4.84 | 4.66 | 2.40 | 5.16 | 4.68 | 2.43 | 5.32 | 5.06 | 2.44 | 5.64 | 5.04 | 2.46 | 5.80 | 5.03 | 2.48 | 5.96 | 5.36 | 2.49 |

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)



OUTDOOR UNIT
AO∗G30L4

## ● Indoor unit : 7000Btu + 7000Btu + 9000Btu + 18000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 7+7+9+18 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | 0 | 8.84 | 7.01 | 1.79 | 9.84 | 7.06 | 1.82 | 10.18 | 7.67 | 1.83 | 10.85 | 7.70 | 1.85 | 11.19 | 8.31 | 1.86 | 11.86 | 8.28 | 1.87 | 12.19 | 8.27 | 1.88 | 12.53 | 8.82 | 1.89 |
| | 5 | 8.50 | 6.86 | 1.98 | 9.46 | 6.91 | 2.01 | 9.79 | 7.51 | 2.02 | 10.43 | 7.54 | 2.04 | 10.75 | 8.14 | 2.05 | 11.40 | 8.11 | 2.07 | 11.72 | 8.09 | 2.08 | 12.04 | 8.63 | 2.09 |
| | 10 | 8.57 | 6.90 | 2.04 | 9.55 | 6.94 | 2.07 | 9.88 | 7.54 | 2.08 | 10.53 | 7.57 | 2.10 | 10.85 | 8.18 | 2.11 | 11.50 | 8.15 | 2.13 | 11.83 | 8.13 | 2.14 | 12.15 | 8.67 | 2.15 |
| | 15 | 8.68 | 6.95 | 1.81 | 9.67 | 6.99 | 1.84 | 10.00 | 7.60 | 1.85 | 10.66 | 7.63 | 1.87 | 10.99 | 8.23 | 1.88 | 11.65 | 8.20 | 1.90 | 11.98 | 8.19 | 1.91 | 12.31 | 8.73 | 1.92 |
| | 20 | 8.63 | 6.92 | 2.09 | 9.61 | 6.97 | 2.13 | 9.94 | 7.57 | 2.14 | 10.60 | 7.60 | 2.16 | 10.92 | 8.20 | 2.17 | 11.58 | 8.18 | 2.19 | 11.91 | 8.16 | 2.20 | 12.23 | 8.71 | 2.21 |
| | 25 | 9.15 | 7.15 | 2.95 | 10.19 | 7.20 | 3.00 | 10.54 | 7.82 | 3.01 | 11.23 | 7.85 | 3.04 | 11.58 | 8.47 | 3.06 | 12.28 | 8.44 | 3.09 | 12.62 | 8.43 | 3.10 | 12.97 | 8.99 | 3.12 |
| | 30 | 8.57 | 6.90 | 3.17 | 9.54 | 6.94 | 3.22 | 9.87 | 7.54 | 3.24 | 10.52 | 7.57 | 3.27 | 10.84 | 8.17 | 3.29 | 11.49 | 8.14 | 3.32 | 11.82 | 8.13 | 3.34 | 12.14 | 8.67 | 3.35 |
| | 35 | 7.98 | 6.64 | 3.43 | 8.89 | 6.68 | 3.48 | 9.19 | 7.26 | 3.50 | 9.80 | 7.29 | 3.53 | 10.10 | 7.87 | 3.55 | 10.71 | 7.84 | 3.58 | 11.01 | 7.83 | 3.58 | 11.31 | 8.35 | 3.58 |
| | 40 | 6.54 | 5.74 | 3.16 | 7.28 | 5.78 | 3.20 | 7.53 | 6.28 | 3.22 | 8.03 | 6.30 | 3.25 | 8.27 | 6.80 | 3.27 | 8.77 | 6.78 | 3.30 | 9.02 | 6.77 | 3.32 | 9.27 | 7.22 | 3.34 |
| | 46 | 4.28 | 4.28 | 2.35 | 4.77 | 4.42 | 2.39 | 4.93 | 4.80 | 2.40 | 5.26 | 4.82 | 2.43 | 5.42 | 5.20 | 2.44 | 5.75 | 5.19 | 2.46 | 5.91 | 5.18 | 2.48 | 6.07 | 5.52 | 2.49 |

## ● Indoor unit : 7000Btu + 7000Btu + 12000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 7+7+12+12 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | 0 | 8.19 | 6.65 | 1.57 | 9.12 | 6.69 | 1.60 | 9.44 | 7.27 | 1.61 | 10.06 | 7.30 | 1.62 | 10.37 | 7.88 | 1.63 | 10.99 | 7.85 | 1.65 | 11.30 | 7.83 | 1.65 | 11.61 | 8.36 | 1.66 |
| | 5 | 7.79 | 6.47 | 1.82 | 8.68 | 6.51 | 1.85 | 8.97 | 7.07 | 1.86 | 9.57 | 7.10 | 1.88 | 9.86 | 7.67 | 1.89 | 10.45 | 7.64 | 1.91 | 10.75 | 7.63 | 1.92 | 11.04 | 8.13 | 1.93 |
| | 10 | 7.91 | 6.52 | 2.05 | 8.81 | 6.56 | 2.08 | 9.11 | 7.13 | 2.09 | 9.71 | 7.16 | 2.11 | 10.01 | 7.73 | 2.12 | 10.61 | 7.70 | 2.14 | 10.91 | 7.69 | 2.15 | 11.21 | 8.20 | 2.16 |
| | 15 | 8.67 | 6.86 | 2.24 | 9.66 | 6.90 | 2.28 | 9.99 | 7.50 | 2.29 | 10.65 | 7.53 | 2.31 | 10.98 | 8.13 | 2.33 | 11.64 | 8.10 | 2.35 | 11.97 | 8.09 | 2.36 | 12.30 | 8.63 | 2.37 |
| | 20 | 8.53 | 6.80 | 2.09 | 9.51 | 6.84 | 2.12 | 9.83 | 7.43 | 2.13 | 10.48 | 7.46 | 2.16 | 10.80 | 8.06 | 2.17 | 11.45 | 8.03 | 2.19 | 11.77 | 8.01 | 2.20 | 12.10 | 8.55 | 2.21 |
| | 25 | 9.12 | 7.06 | 2.91 | 10.16 | 7.10 | 2.95 | 10.50 | 7.72 | 2.97 | 11.20 | 7.75 | 3.00 | 11.54 | 8.36 | 3.02 | 12.23 | 8.33 | 3.05 | 12.58 | 8.32 | 3.06 | 12.93 | 8.87 | 3.08 |
| | 30 | 8.51 | 6.79 | 3.14 | 9.48 | 6.83 | 3.18 | 9.80 | 7.42 | 3.20 | 10.45 | 7.45 | 3.23 | 10.77 | 8.04 | 3.25 | 11.42 | 8.01 | 3.28 | 11.74 | 8.00 | 3.30 | 12.06 | 8.53 | 3.31 |
| | 35 | 7.90 | 6.52 | 3.43 | 8.80 | 6.56 | 3.48 | 9.10 | 7.13 | 3.50 | 9.70 | 7.16 | 3.53 | 10.00 | 7.72 | 3.55 | 10.60 | 7.70 | 3.58 | 10.90 | 7.68 | 3.58 | 11.20 | 8.20 | 3.58 |
| | 40 | 6.42 | 5.52 | 3.16 | 7.15 | 5.56 | 3.20 | 7.40 | 6.04 | 3.22 | 7.89 | 6.06 | 3.25 | 8.13 | 6.55 | 3.27 | 8.62 | 6.52 | 3.30 | 8.86 | 6.51 | 3.32 | 9.11 | 6.95 | 3.34 |
| | 46 | 4.22 | 4.22 | 2.35 | 4.70 | 4.32 | 2.39 | 4.86 | 4.70 | 2.40 | 5.18 | 4.72 | 2.43 | 5.34 | 5.09 | 2.44 | 5.66 | 5.07 | 2.46 | 5.82 | 5.06 | 2.48 | 5.98 | 5.40 | 2.49 |

## ● Indoor unit : 7000Btu + 7000Btu + 12000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 7+7+12+14 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | 0 | 8.15 | 6.64 | 1.64 | 9.07 | 6.68 | 1.67 | 9.38 | 7.26 | 1.68 | 10.00 | 7.29 | 1.69 | 10.31 | 7.86 | 1.70 | 10.93 | 7.84 | 1.72 | 11.24 | 7.82 | 1.73 | 11.55 | 8.34 | 1.74 |
| | 5 | 7.80 | 6.48 | 1.84 | 8.69 | 6.53 | 1.87 | 8.98 | 7.09 | 1.88 | 9.58 | 7.12 | 1.90 | 9.87 | 7.69 | 1.91 | 10.47 | 7.66 | 1.93 | 10.76 | 7.64 | 1.94 | 11.06 | 8.15 | 1.95 |
| | 10 | 7.89 | 6.52 | 1.90 | 8.79 | 6.57 | 1.93 | 9.09 | 7.13 | 1.94 | 9.69 | 7.16 | 1.96 | 9.99 | 7.73 | 1.97 | 10.59 | 7.70 | 1.99 | 10.89 | 7.69 | 2.00 | 11.19 | 8.20 | 2.01 |
| | 15 | 8.62 | 6.84 | 2.30 | 9.61 | 6.89 | 2.34 | 9.93 | 7.49 | 2.35 | 10.59 | 7.51 | 2.38 | 10.92 | 8.11 | 2.39 | 11.57 | 8.08 | 2.41 | 11.90 | 8.07 | 2.42 | 12.23 | 8.61 | 2.44 |
| | 20 | 8.54 | 6.81 | 2.10 | 9.51 | 6.85 | 2.14 | 9.84 | 7.45 | 2.15 | 10.49 | 7.47 | 2.17 | 10.81 | 8.07 | 2.18 | 11.46 | 8.04 | 2.20 | 11.78 | 8.03 | 2.21 | 12.11 | 8.56 | 2.22 |
| | 25 | 9.08 | 7.04 | 2.95 | 10.11 | 7.09 | 3.00 | 10.46 | 7.70 | 3.01 | 11.15 | 7.73 | 3.04 | 11.49 | 8.35 | 3.06 | 12.18 | 8.32 | 3.09 | 12.53 | 8.30 | 3.11 | 12.87 | 8.86 | 3.12 |
| | 30 | 8.49 | 6.79 | 3.18 | 9.46 | 6.83 | 3.23 | 9.78 | 7.42 | 3.24 | 10.42 | 7.45 | 3.28 | 10.75 | 8.04 | 3.29 | 11.39 | 8.01 | 3.33 | 11.71 | 8.00 | 3.34 | 12.04 | 8.53 | 3.36 |
| | 35 | 7.90 | 6.53 | 3.45 | 8.80 | 6.57 | 3.51 | 9.10 | 7.14 | 3.53 | 9.70 | 7.17 | 3.58 | 10.00 | 7.74 | 3.58 | 10.60 | 7.71 | 3.58 | 10.90 | 7.70 | 3.58 | 11.20 | 8.21 | 3.58 |
| | 40 | 6.50 | 5.67 | 3.16 | 7.24 | 5.70 | 3.20 | 7.49 | 6.20 | 3.22 | 7.98 | 6.22 | 3.25 | 8.23 | 6.72 | 3.27 | 8.72 | 6.69 | 3.30 | 8.97 | 6.68 | 3.32 | 9.21 | 7.13 | 3.34 |
| | 46 | 4.26 | 4.26 | 2.35 | 4.75 | 4.39 | 2.39 | 4.91 | 4.77 | 2.40 | 5.23 | 4.79 | 2.43 | 5.39 | 5.17 | 2.44 | 5.72 | 5.15 | 2.46 | 5.88 | 5.14 | 2.48 | 6.04 | 5.48 | 2.49 |

## ● Indoor unit : 7000Btu + 7000Btu + 12000Btu + 18000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 7+7+12+18 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | 0 | 8.79 | 7.14 | 1.89 | 9.79 | 7.18 | 1.92 | 10.12 | 7.80 | 1.93 | 10.79 | 7.83 | 1.95 | 11.12 | 8.46 | 1.96 | 11.79 | 8.43 | 1.98 | 12.12 | 8.41 | 1.99 | 12.46 | 8.97 | 2.00 |
| | 5 | 8.56 | 7.03 | 1.99 | 9.53 | 7.08 | 2.02 | 9.85 | 7.69 | 2.03 | 10.50 | 7.72 | 2.06 | 10.83 | 8.34 | 2.07 | 11.48 | 8.31 | 2.09 | 11.80 | 8.29 | 2.10 | 12.13 | 8.85 | 2.11 |
| | 10 | 8.56 | 7.04 | 2.05 | 9.53 | 7.08 | 2.08 | 9.86 | 7.70 | 2.09 | 10.51 | 7.73 | 2.11 | 10.83 | 8.34 | 2.12 | 11.48 | 8.31 | 2.14 | 11.81 | 8.29 | 2.15 | 12.13 | 8.85 | 2.16 |
| | 15 | 8.60 | 7.05 | 1.82 | 9.58 | 7.10 | 1.85 | 9.90 | 7.71 | 1.86 | 10.56 | 7.74 | 1.87 | 10.88 | 8.36 | 1.88 | 11.54 | 8.33 | 1.90 | 11.86 | 8.31 | 1.91 | 12.19 | 8.87 | 1.92 |
| | 20 | 8.64 | 7.07 | 2.10 | 9.63 | 7.12 | 2.14 | 9.96 | 7.74 | 2.15 | 10.61 | 7.77 | 2.17 | 10.94 | 8.38 | 2.18 | 11.60 | 8.35 | 2.20 | 11.92 | 8.34 | 2.21 | 12.25 | 8.89 | 2.22 |
| | 25 | 9.09 | 7.27 | 3.00 | 10.12 | 7.31 | 3.05 | 10.47 | 7.95 | 3.06 | 11.16 | 7.98 | 3.09 | 11.50 | 8.61 | 3.11 | 12.19 | 8.58 | 3.14 | 12.54 | 8.57 | 3.15 | 12.88 | 9.14 | 3.17 |
| | 30 | 8.54 | 7.03 | 3.22 | 9.51 | 7.07 | 3.27 | 9.84 | 7.69 | 3.28 | 10.49 | 7.72 | 3.32 | 10.81 | 8.33 | 3.33 | 11.46 | 8.30 | 3.37 | 11.78 | 8.28 | 3.38 | 12.11 | 8.84 | 3.40 |
| | 35 | 7.98 | 6.78 | 3.44 | 8.89 | 6.83 | 3.49 | 9.19 | 7.42 | 3.51 | 9.80 | 7.45 | 3.54 | 10.10 | 8.04 | 3.56 | 10.71 | 8.01 | 3.58 | 11.01 | 8.00 | 3.58 | 11.31 | 8.53 | 3.58 |
| | 40 | 6.65 | 5.96 | 3.16 | 7.41 | 6.00 | 3.20 | 7.66 | 6.52 | 3.22 | 8.16 | 6.54 | 3.25 | 8.42 | 7.06 | 3.27 | 8.92 | 7.04 | 3.30 | 9.17 | 7.02 | 3.32 | 9.43 | 7.49 | 3.34 |
| | 46 | 4.34 | 4.34 | 2.35 | 4.84 | 4.51 | 2.39 | 5.00 | 4.91 | 2.40 | 5.33 | 4.92 | 2.43 | 5.50 | 5.32 | 2.44 | 5.83 | 5.30 | 2.46 | 5.99 | 5.29 | 2.48 | 6.16 | 5.64 | 2.49 |

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)



OUTDOOR UNIT
AO∗G30L4

## ● Indoor unit : 7000Btu + 7000Btu + 14000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+7+14+14 Outdoor temperature | 0 | 8.82 | 7.05 | 1.84 | 9.82 | 7.10 | 1.87 | 10.16 | 7.71 | 1.88 | 10.83 | 7.74 | 1.90 | 11.16 | 8.36 | 1.91 | 11.83 | 8.33 | 1.93 | 12.17 | 8.31 | 1.93 | 12.50 | 8.87 | 1.94 |
| | 5 | 8.51 | 6.92 | 2.00 | 9.48 | 6.96 | 2.03 | 9.80 | 7.57 | 2.04 | 10.45 | 7.60 | 2.06 | 10.77 | 8.20 | 2.07 | 11.42 | 8.17 | 2.09 | 11.74 | 8.15 | 2.10 | 12.07 | 8.70 | 2.11 |
| | 10 | 8.57 | 6.94 | 2.06 | 9.54 | 6.99 | 2.09 | 9.87 | 7.59 | 2.10 | 10.52 | 7.62 | 2.12 | 10.84 | 8.23 | 2.13 | 11.49 | 8.20 | 2.15 | 11.82 | 8.18 | 2.16 | 12.15 | 8.73 | 2.17 |
| | 15 | 8.66 | 6.98 | 1.83 | 9.64 | 7.03 | 1.86 | 9.97 | 7.63 | 1.87 | 10.63 | 7.66 | 1.89 | 10.96 | 8.27 | 1.90 | 11.61 | 8.24 | 1.91 | 11.94 | 8.23 | 1.92 | 12.27 | 8.78 | 1.93 |
| | 20 | 8.63 | 6.97 | 2.11 | 9.62 | 7.02 | 2.15 | 9.95 | 7.62 | 2.16 | 10.60 | 7.65 | 2.18 | 10.93 | 8.26 | 2.19 | 11.58 | 8.23 | 2.21 | 11.91 | 8.22 | 2.22 | 12.24 | 8.77 | 2.23 |
| | 25 | 9.13 | 7.19 | 2.99 | 10.17 | 7.23 | 3.04 | 10.52 | 7.86 | 3.05 | 11.21 | 7.89 | 3.08 | 11.56 | 8.52 | 3.10 | 12.25 | 8.49 | 3.13 | 12.60 | 8.47 | 3.14 | 12.94 | 9.04 | 3.16 |
| | 30 | 8.56 | 6.94 | 3.21 | 9.53 | 6.98 | 3.26 | 9.86 | 7.59 | 3.28 | 10.51 | 7.62 | 3.31 | 10.83 | 8.22 | 3.33 | 11.48 | 8.19 | 3.36 | 11.81 | 8.18 | 3.38 | 12.13 | 8.72 | 3.39 |
| | 35 | 7.98 | 6.69 | 3.45 | 8.89 | 6.73 | 3.51 | 9.19 | 7.31 | 3.53 | 9.80 | 7.34 | 3.58 | 10.10 | 7.92 | 3.58 | 10.71 | 7.89 | 3.58 | 11.01 | 7.88 | 3.58 | 11.31 | 8.41 | 3.58 |
| | 40 | 6.57 | 5.81 | 3.16 | 7.32 | 5.85 | 3.20 | 7.57 | 6.36 | 3.22 | 8.07 | 6.38 | 3.25 | 8.32 | 6.89 | 3.27 | 8.82 | 6.86 | 3.30 | 9.07 | 6.85 | 3.32 | 9.32 | 7.31 | 3.34 |
| | 46 | 4.30 | 4.30 | 2.35 | 4.79 | 4.45 | 2.39 | 4.96 | 4.84 | 2.40 | 5.28 | 4.86 | 2.43 | 5.45 | 5.24 | 2.44 | 5.77 | 5.22 | 2.46 | 5.94 | 5.21 | 2.48 | 6.10 | 5.56 | 2.49 |

OUTDOOR UNIT
AO∗G30L4

## ● Indoor unit : 7000Btu + 7000Btu + 14000Btu + 18000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+7+14+18 Outdoor temperature | 0 | 8.76 | 7.23 | 1.97 | 9.76 | 7.27 | 2.00 | 10.09 | 7.90 | 2.01 | 10.76 | 7.94 | 2.03 | 11.09 | 8.57 | 2.04 | 11.76 | 8.53 | 2.06 | 12.09 | 8.52 | 2.07 | 12.42 | 9.09 | 2.08 |
| | 5 | 8.62 | 7.16 | 2.01 | 9.60 | 7.21 | 2.04 | 9.92 | 7.83 | 2.05 | 10.58 | 7.87 | 2.07 | 10.91 | 8.49 | 2.09 | 11.56 | 8.46 | 2.11 | 11.89 | 8.44 | 2.12 | 12.22 | 9.01 | 2.13 |
| | 10 | 8.56 | 7.14 | 2.06 | 9.53 | 7.18 | 2.09 | 9.86 | 7.81 | 2.10 | 10.51 | 7.84 | 2.13 | 10.83 | 8.46 | 2.14 | 11.48 | 8.43 | 2.16 | 11.81 | 8.41 | 2.17 | 12.13 | 8.98 | 2.18 |
| | 15 | 8.54 | 7.13 | 1.83 | 9.51 | 7.18 | 1.85 | 9.84 | 7.80 | 1.86 | 10.48 | 7.83 | 1.88 | 10.81 | 8.45 | 1.89 | 11.46 | 8.42 | 1.91 | 11.78 | 8.41 | 1.92 | 12.11 | 8.97 | 1.93 |
| | 20 | 8.65 | 7.18 | 2.12 | 9.64 | 7.23 | 2.15 | 9.97 | 7.85 | 2.16 | 10.62 | 7.88 | 2.18 | 10.95 | 8.51 | 2.20 | 11.61 | 8.48 | 2.22 | 11.94 | 8.46 | 2.23 | 12.27 | 9.03 | 2.24 |
| | 25 | 9.04 | 7.35 | 3.04 | 10.07 | 7.40 | 3.09 | 10.42 | 8.04 | 3.11 | 11.10 | 8.07 | 3.14 | 11.45 | 8.71 | 3.15 | 12.13 | 8.68 | 3.18 | 12.48 | 8.66 | 3.20 | 12.82 | 9.24 | 3.22 |
| | 30 | 8.52 | 7.12 | 3.26 | 9.49 | 7.17 | 3.31 | 9.82 | 7.79 | 3.33 | 10.46 | 7.82 | 3.36 | 10.79 | 8.44 | 3.38 | 11.43 | 8.41 | 3.41 | 11.76 | 8.40 | 3.43 | 12.08 | 8.96 | 3.44 |
| | 35 | 7.98 | 6.89 | 3.45 | 8.89 | 6.93 | 3.51 | 9.19 | 7.53 | 3.53 | 9.80 | 7.56 | 3.58 | 10.10 | 8.16 | 3.58 | 10.71 | 8.13 | 3.58 | 11.01 | 8.12 | 3.58 | 11.31 | 8.66 | 3.58 |
| | 40 | 6.72 | 6.10 | 3.16 | 7.49 | 6.14 | 3.20 | 7.75 | 6.67 | 3.22 | 8.26 | 6.70 | 3.25 | 8.51 | 7.23 | 3.27 | 9.02 | 7.21 | 3.30 | 9.28 | 7.19 | 3.32 | 9.53 | 7.67 | 3.34 |
| | 46 | 4.38 | 4.38 | 2.35 | 4.88 | 4.58 | 2.39 | 5.05 | 4.97 | 2.40 | 5.38 | 4.99 | 2.43 | 5.55 | 5.39 | 2.44 | 5.88 | 5.37 | 2.46 | 6.05 | 5.36 | 2.48 | 6.21 | 5.72 | 2.49 |

## ● Indoor unit : 7000Btu + 9000Btu + 9000Btu + 9000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+9+9+9 Outdoor temperature | 0 | 7.85 | 6.24 | 1.39 | 8.74 | 6.28 | 1.41 | 9.04 | 6.82 | 1.42 | 9.63 | 6.85 | 1.43 | 9.93 | 7.39 | 1.44 | 10.53 | 7.37 | 1.45 | 10.83 | 7.35 | 1.46 | 11.12 | 7.84 | 1.47 |
| | 5 | 7.38 | 6.03 | 1.73 | 8.22 | 6.07 | 1.76 | 8.50 | 6.60 | 1.77 | 9.06 | 6.62 | 1.78 | 9.34 | 7.15 | 1.79 | 9.91 | 7.12 | 1.81 | 10.19 | 7.11 | 1.82 | 10.47 | 7.59 | 1.83 |
| | 10 | 7.52 | 6.09 | 1.82 | 8.38 | 6.13 | 1.85 | 8.66 | 6.66 | 1.86 | 9.24 | 6.69 | 1.88 | 9.52 | 7.22 | 1.89 | 10.09 | 7.20 | 1.91 | 10.38 | 7.18 | 1.92 | 10.66 | 7.66 | 1.93 |
| | 15 | 8.06 | 6.33 | 2.00 | 8.98 | 6.37 | 2.03 | 9.29 | 6.92 | 2.04 | 9.90 | 6.95 | 2.06 | 10.21 | 7.50 | 2.07 | 10.82 | 7.48 | 2.09 | 11.12 | 7.46 | 2.11 | 11.43 | 7.96 | 2.12 |
| | 20 | 8.44 | 6.50 | 2.09 | 9.40 | 6.54 | 2.12 | 9.72 | 7.11 | 2.13 | 10.36 | 7.13 | 2.16 | 10.68 | 7.70 | 2.17 | 11.32 | 7.67 | 2.19 | 11.64 | 7.66 | 2.20 | 11.96 | 8.17 | 2.21 |
| | 25 | 8.76 | 6.64 | 2.76 | 9.75 | 6.68 | 2.80 | 10.09 | 7.26 | 2.81 | 10.75 | 7.29 | 2.84 | 11.08 | 7.87 | 2.86 | 11.75 | 7.84 | 2.88 | 12.08 | 7.82 | 2.90 | 12.41 | 8.35 | 2.91 |
| | 30 | 8.14 | 6.37 | 2.98 | 9.07 | 6.41 | 3.03 | 9.38 | 6.96 | 3.04 | 10.00 | 6.99 | 3.07 | 10.31 | 7.55 | 3.09 | 10.93 | 7.52 | 3.12 | 11.23 | 7.50 | 3.13 | 11.54 | 8.01 | 3.15 |
| | 35 | 7.82 | 6.23 | 3.44 | 8.71 | 6.27 | 3.49 | 9.01 | 6.81 | 3.51 | 9.60 | 6.84 | 3.54 | 9.90 | 7.38 | 3.56 | 10.49 | 7.35 | 3.58 | 10.79 | 7.34 | 3.58 | 11.09 | 7.83 | 3.58 |
| | 40 | 6.27 | 5.23 | 3.16 | 6.99 | 5.27 | 3.20 | 7.22 | 5.72 | 3.22 | 7.70 | 5.75 | 3.25 | 7.94 | 6.20 | 3.27 | 8.42 | 6.18 | 3.30 | 8.65 | 6.17 | 3.32 | 8.89 | 6.58 | 3.34 |
| | 46 | 4.14 | 4.14 | 2.35 | 4.61 | 4.20 | 2.39 | 4.77 | 4.56 | 2.40 | 5.08 | 4.58 | 2.43 | 5.24 | 4.94 | 2.44 | 5.56 | 4.93 | 2.46 | 5.71 | 4.92 | 2.48 | 5.87 | 5.24 | 2.49 |

## ● Indoor unit : 7000Btu + 9000Btu + 9000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+9+9+12 Outdoor temperature | 0 | 8.22 | 6.54 | 1.55 | 9.15 | 6.58 | 1.57 | 9.47 | 7.15 | 1.58 | 10.09 | 7.18 | 1.59 | 10.40 | 7.75 | 1.60 | 11.03 | 7.72 | 1.62 | 11.34 | 7.71 | 1.63 | 11.65 | 8.23 | 1.63 |
| | 5 | 7.79 | 6.35 | 1.83 | 8.68 | 6.40 | 1.85 | 8.97 | 6.95 | 1.86 | 9.57 | 6.98 | 1.88 | 9.86 | 7.53 | 1.89 | 10.45 | 7.50 | 1.91 | 10.75 | 7.49 | 1.92 | 11.05 | 7.99 | 1.93 |
| | 10 | 7.92 | 6.41 | 2.02 | 8.82 | 6.45 | 2.05 | 9.12 | 7.01 | 2.06 | 9.73 | 7.04 | 2.08 | 10.03 | 7.60 | 2.09 | 10.63 | 7.57 | 2.11 | 10.93 | 7.56 | 2.12 | 11.23 | 8.06 | 2.13 |
| | 15 | 8.70 | 6.75 | 2.23 | 9.69 | 6.80 | 2.26 | 10.02 | 7.38 | 2.27 | 10.68 | 7.41 | 2.30 | 11.01 | 8.00 | 2.31 | 11.67 | 7.97 | 2.33 | 12.00 | 7.96 | 2.34 | 12.33 | 8.49 | 2.35 |
| | 20 | 8.53 | 6.68 | 2.10 | 9.50 | 6.72 | 2.13 | 9.83 | 7.30 | 2.14 | 10.47 | 7.33 | 2.16 | 10.80 | 7.91 | 2.17 | 11.45 | 7.89 | 2.19 | 11.77 | 7.87 | 2.20 | 12.09 | 8.40 | 2.21 |
| | 25 | 9.14 | 6.94 | 2.90 | 10.18 | 6.99 | 2.95 | 10.52 | 7.59 | 2.96 | 11.22 | 7.62 | 2.99 | 11.56 | 8.23 | 3.01 | 12.26 | 8.20 | 3.04 | 12.61 | 8.18 | 3.05 | 12.95 | 8.73 | 3.07 |
| | 30 | 8.52 | 6.67 | 3.13 | 9.49 | 6.72 | 3.18 | 9.81 | 7.30 | 3.20 | 10.46 | 7.33 | 3.23 | 10.78 | 7.91 | 3.25 | 11.43 | 7.88 | 3.28 | 11.75 | 7.87 | 3.30 | 12.08 | 8.39 | 3.31 |
| | 35 | 7.90 | 6.40 | 3.44 | 8.80 | 6.44 | 3.49 | 9.10 | 7.00 | 3.51 | 9.70 | 7.03 | 3.54 | 10.00 | 7.59 | 3.56 | 10.60 | 7.56 | 3.58 | 10.90 | 7.55 | 3.58 | 11.20 | 8.05 | 3.58 |
| | 40 | 6.39 | 5.45 | 3.16 | 7.11 | 5.49 | 3.20 | 7.36 | 5.96 | 3.22 | 7.84 | 5.99 | 3.25 | 8.08 | 6.46 | 3.27 | 8.57 | 6.44 | 3.30 | 8.81 | 6.43 | 3.32 | 9.05 | 6.85 | 3.34 |
| | 46 | 4.20 | 4.20 | 2.35 | 4.68 | 4.29 | 2.39 | 4.84 | 4.66 | 2.40 | 5.16 | 4.68 | 2.43 | 5.32 | 5.06 | 2.44 | 5.64 | 5.04 | 2.46 | 5.80 | 5.03 | 2.48 | 5.96 | 5.36 | 2.49 |

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

## ● Indoor unit : 7000Btu + 9000Btu + 9000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 7+9+9+14 Outdoor temperature | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | 0 | 8.25 | 6.67 | 1.62 | 9.19 | 6.71 | 1.64 | 9.50 | 7.29 | 1.65 | 10.13 | 7.32 | 1.67 | 10.44 | 7.90 | 1.67 | 11.07 | 7.87 | 1.69 | 11.38 | 7.86 | 1.70 | 11.69 | 8.38 | 1.71 |
| | 5 | 7.87 | 6.50 | 1.84 | 8.77 | 6.54 | 1.87 | 9.07 | 7.11 | 1.88 | 9.66 | 7.14 | 1.90 | 9.96 | 7.71 | 1.91 | 10.56 | 7.68 | 1.93 | 10.86 | 7.67 | 1.94 | 11.16 | 8.18 | 1.95 |
| | 10 | 7.98 | 6.55 | 1.91 | 8.89 | 6.59 | 1.94 | 9.19 | 7.16 | 1.95 | 9.79 | 7.19 | 1.97 | 10.10 | 7.76 | 1.98 | 10.70 | 7.73 | 2.00 | 11.01 | 7.72 | 2.01 | 11.31 | 8.24 | 2.01 |
| | 15 | 8.74 | 6.88 | 2.29 | 9.73 | 6.92 | 2.32 | 10.06 | 7.53 | 2.33 | 10.73 | 7.55 | 2.36 | 11.06 | 8.15 | 2.37 | 11.72 | 8.13 | 2.39 | 12.05 | 8.11 | 2.41 | 12.38 | 8.65 | 2.42 |
| | 20 | 8.62 | 6.83 | 2.11 | 9.60 | 6.88 | 2.14 | 9.93 | 7.47 | 2.15 | 10.59 | 7.50 | 2.18 | 10.91 | 8.10 | 2.19 | 11.57 | 8.07 | 2.21 | 11.90 | 8.05 | 2.22 | 12.22 | 8.59 | 2.23 |
| | 25 | 9.19 | 7.08 | 2.95 | 10.24 | 7.12 | 2.99 | 10.59 | 7.74 | 3.01 | 11.28 | 7.77 | 3.04 | 11.63 | 8.39 | 3.05 | 12.33 | 8.36 | 3.09 | 12.68 | 8.34 | 3.10 | 13.03 | 8.90 | 3.12 |
| | 30 | 8.58 | 6.81 | 3.17 | 9.56 | 6.86 | 3.22 | 9.89 | 7.45 | 3.24 | 10.54 | 7.48 | 3.27 | 10.87 | 8.08 | 3.29 | 11.52 | 8.05 | 3.32 | 11.84 | 8.03 | 3.34 | 12.17 | 8.57 | 3.36 |
| | 35 | 7.98 | 6.55 | 3.45 | 8.89 | 6.59 | 3.51 | 9.19 | 7.16 | 3.53 | 9.80 | 7.19 | 3.58 | 10.10 | 7.76 | 3.58 | 10.71 | 7.73 | 3.58 | 11.01 | 7.72 | 3.58 | 11.31 | 8.24 | 3.58 |
| | 40 | 6.46 | 5.60 | 3.16 | 7.20 | 5.63 | 3.20 | 7.44 | 6.12 | 3.22 | 7.93 | 6.14 | 3.25 | 8.18 | 6.63 | 3.27 | 8.67 | 6.61 | 3.30 | 8.91 | 6.60 | 3.32 | 9.16 | 7.04 | 3.34 |
| | 46 | 4.24 | 4.24 | 2.35 | 4.72 | 4.36 | 2.39 | 4.89 | 4.73 | 2.40 | 5.21 | 4.75 | 2.43 | 5.37 | 5.13 | 2.44 | 5.69 | 5.11 | 2.46 | 5.85 | 5.10 | 2.48 | 6.01 | 5.44 | 2.49 |

OUTDOOR UNIT
AO∗G30L4

## ● Indoor unit : 7000Btu + 9000Btu + 9000Btu + 18000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 7+9+9+18 Outdoor temperature | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | 0 | 8.80 | 7.09 | 1.86 | 9.80 | 7.14 | 1.89 | 10.14 | 7.76 | 1.90 | 10.81 | 7.79 | 1.92 | 11.14 | 8.41 | 1.93 | 11.81 | 8.38 | 1.95 | 12.14 | 8.36 | 1.96 | 12.48 | 8.92 | 1.97 |
| | 5 | 8.53 | 6.97 | 1.99 | 9.50 | 7.02 | 2.02 | 9.83 | 7.63 | 2.03 | 10.47 | 7.66 | 2.05 | 10.80 | 8.27 | 2.06 | 11.45 | 8.24 | 2.08 | 11.77 | 8.22 | 2.09 | 12.09 | 8.77 | 2.10 |
| | 10 | 8.56 | 6.99 | 2.05 | 9.54 | 7.03 | 2.08 | 9.86 | 7.64 | 2.09 | 10.51 | 7.67 | 2.11 | 10.84 | 8.28 | 2.12 | 11.49 | 8.25 | 2.14 | 11.81 | 8.24 | 2.15 | 12.14 | 8.79 | 2.16 |
| | 15 | 8.63 | 7.02 | 1.82 | 9.61 | 7.06 | 1.85 | 9.94 | 7.67 | 1.86 | 10.59 | 7.70 | 1.87 | 10.92 | 8.32 | 1.88 | 11.58 | 8.29 | 1.90 | 11.90 | 8.27 | 1.91 | 12.23 | 8.82 | 1.92 |
| | 20 | 8.64 | 7.02 | 2.10 | 9.62 | 7.07 | 2.14 | 9.95 | 7.68 | 2.15 | 10.61 | 7.71 | 2.17 | 10.93 | 8.32 | 2.18 | 11.59 | 8.29 | 2.20 | 11.92 | 8.28 | 2.21 | 12.25 | 8.83 | 2.22 |
| | 25 | 9.11 | 7.23 | 2.99 | 10.15 | 7.27 | 3.03 | 10.49 | 7.90 | 3.05 | 11.18 | 7.93 | 3.08 | 11.53 | 8.56 | 3.09 | 12.22 | 8.53 | 3.12 | 12.57 | 8.52 | 3.14 | 12.91 | 9.09 | 3.16 |
| | 30 | 8.55 | 6.98 | 3.20 | 9.52 | 7.03 | 3.25 | 9.85 | 7.64 | 3.27 | 10.50 | 7.67 | 3.30 | 10.82 | 8.27 | 3.32 | 11.47 | 8.25 | 3.35 | 11.79 | 8.23 | 3.37 | 12.12 | 8.78 | 3.39 |
| | 35 | 7.98 | 6.73 | 3.44 | 8.89 | 6.78 | 3.49 | 9.19 | 7.36 | 3.51 | 9.80 | 7.39 | 3.54 | 10.10 | 7.98 | 3.56 | 10.71 | 7.95 | 3.58 | 11.01 | 7.94 | 3.58 | 11.31 | 8.47 | 3.58 |
| | 40 | 6.61 | 5.89 | 3.16 | 7.36 | 5.92 | 3.20 | 7.62 | 6.44 | 3.22 | 8.12 | 6.46 | 3.25 | 8.37 | 6.97 | 3.27 | 8.87 | 6.95 | 3.30 | 9.12 | 6.94 | 3.32 | 9.37 | 7.40 | 3.34 |
| | 46 | 4.32 | 4.32 | 2.35 | 4.81 | 4.48 | 2.39 | 4.98 | 4.87 | 2.40 | 5.31 | 4.89 | 2.43 | 5.47 | 5.28 | 2.44 | 5.80 | 5.26 | 2.46 | 5.96 | 5.25 | 2.48 | 6.13 | 5.60 | 2.49 |

## ● Indoor unit : 7000Btu + 9000Btu + 12000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 7+9+12+12 Outdoor temperature | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | 0 | 8.15 | 6.64 | 1.64 | 9.07 | 6.68 | 1.66 | 9.38 | 7.26 | 1.67 | 10.00 | 7.29 | 1.69 | 10.31 | 7.86 | 1.70 | 10.93 | 7.84 | 1.71 | 11.24 | 7.82 | 1.72 | 11.55 | 8.34 | 1.73 |
| | 5 | 7.80 | 6.48 | 1.84 | 8.69 | 6.53 | 1.86 | 8.98 | 7.09 | 1.87 | 9.58 | 7.12 | 1.89 | 9.87 | 7.69 | 1.90 | 10.47 | 7.66 | 1.92 | 10.76 | 7.64 | 1.93 | 11.06 | 8.15 | 1.94 |
| | 10 | 7.89 | 6.52 | 1.90 | 8.79 | 6.57 | 1.93 | 9.09 | 7.13 | 1.94 | 9.69 | 7.16 | 1.96 | 9.99 | 7.73 | 1.97 | 10.59 | 7.70 | 1.99 | 10.89 | 7.69 | 2.00 | 11.19 | 8.20 | 2.00 |
| | 15 | 8.62 | 6.84 | 2.30 | 9.61 | 6.89 | 2.33 | 9.93 | 7.49 | 2.35 | 10.59 | 7.51 | 2.37 | 10.92 | 8.11 | 2.38 | 11.57 | 8.08 | 2.40 | 11.90 | 8.07 | 2.42 | 12.23 | 8.61 | 2.43 |
| | 20 | 8.54 | 6.81 | 2.10 | 9.51 | 6.85 | 2.13 | 9.84 | 7.45 | 2.14 | 10.49 | 7.47 | 2.16 | 10.81 | 8.07 | 2.18 | 11.46 | 8.04 | 2.20 | 11.78 | 8.03 | 2.21 | 12.11 | 8.56 | 2.22 |
| | 25 | 9.08 | 7.04 | 2.94 | 10.11 | 7.09 | 2.99 | 10.46 | 7.70 | 3.01 | 11.15 | 7.73 | 3.04 | 11.49 | 8.35 | 3.05 | 12.18 | 8.32 | 3.08 | 12.53 | 8.30 | 3.10 | 12.87 | 8.86 | 3.11 |
| | 30 | 8.49 | 6.79 | 3.17 | 9.46 | 6.83 | 3.22 | 9.78 | 7.42 | 3.23 | 10.42 | 7.45 | 3.27 | 10.75 | 8.04 | 3.28 | 11.39 | 8.01 | 3.32 | 11.71 | 8.00 | 3.33 | 12.04 | 8.53 | 3.35 |
| | 35 | 7.90 | 6.53 | 3.44 | 8.80 | 6.57 | 3.49 | 9.10 | 7.14 | 3.51 | 9.70 | 7.17 | 3.54 | 10.00 | 7.74 | 3.56 | 10.60 | 7.71 | 3.58 | 10.90 | 7.70 | 3.58 | 11.20 | 8.21 | 3.58 |
| | 40 | 6.50 | 5.67 | 3.16 | 7.24 | 5.70 | 3.20 | 7.49 | 6.20 | 3.22 | 7.98 | 6.22 | 3.25 | 8.23 | 6.72 | 3.27 | 8.72 | 6.69 | 3.30 | 8.97 | 6.68 | 3.32 | 9.21 | 7.13 | 3.34 |
| | 46 | 4.26 | 4.26 | 2.35 | 4.75 | 4.39 | 2.39 | 4.91 | 4.77 | 2.40 | 5.23 | 4.79 | 2.43 | 5.39 | 5.17 | 2.44 | 5.72 | 5.15 | 2.46 | 5.88 | 5.14 | 2.48 | 6.04 | 5.48 | 2.49 |

## ● Indoor unit : 7000Btu + 9000Btu + 12000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 7+9+12+14 Outdoor temperature | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | 0 | 8.82 | 7.05 | 1.84 | 9.82 | 7.10 | 1.87 | 10.16 | 7.71 | 1.88 | 10.83 | 7.74 | 1.90 | 11.16 | 8.36 | 1.91 | 11.83 | 8.33 | 1.93 | 12.17 | 8.31 | 1.93 | 12.50 | 8.87 | 1.94 |
| | 5 | 8.51 | 6.92 | 2.00 | 9.48 | 6.96 | 2.03 | 9.80 | 7.57 | 2.04 | 10.45 | 7.60 | 2.06 | 10.77 | 8.20 | 2.07 | 11.42 | 8.17 | 2.09 | 11.74 | 8.15 | 2.10 | 12.07 | 8.70 | 2.11 |
| | 10 | 8.57 | 6.94 | 2.06 | 9.54 | 6.99 | 2.09 | 9.87 | 7.59 | 2.10 | 10.52 | 7.62 | 2.12 | 10.84 | 8.23 | 2.13 | 11.49 | 8.20 | 2.15 | 11.82 | 8.18 | 2.16 | 12.15 | 8.73 | 2.17 |
| | 15 | 8.66 | 6.98 | 1.83 | 9.64 | 7.03 | 1.86 | 9.97 | 7.63 | 1.87 | 10.63 | 7.66 | 1.89 | 10.96 | 8.27 | 1.90 | 11.61 | 8.24 | 1.91 | 11.94 | 8.23 | 1.92 | 12.27 | 8.78 | 1.93 |
| | 20 | 8.63 | 6.97 | 2.11 | 9.62 | 7.02 | 2.15 | 9.95 | 7.62 | 2.16 | 10.60 | 7.65 | 2.18 | 10.93 | 8.26 | 2.19 | 11.58 | 8.23 | 2.21 | 11.91 | 8.22 | 2.22 | 12.24 | 8.77 | 2.23 |
| | 25 | 9.13 | 7.19 | 2.99 | 10.17 | 7.23 | 3.04 | 10.52 | 7.86 | 3.05 | 11.21 | 7.89 | 3.08 | 11.56 | 8.52 | 3.10 | 12.25 | 8.49 | 3.13 | 12.60 | 8.47 | 3.14 | 12.94 | 9.04 | 3.16 |
| | 30 | 8.56 | 6.94 | 3.21 | 9.53 | 6.98 | 3.26 | 9.86 | 7.59 | 3.28 | 10.51 | 7.62 | 3.31 | 10.83 | 8.22 | 3.33 | 11.48 | 8.19 | 3.36 | 11.81 | 8.18 | 3.38 | 12.13 | 8.72 | 3.39 |
| | 35 | 7.98 | 6.69 | 3.45 | 8.89 | 6.73 | 3.51 | 9.19 | 7.31 | 3.53 | 9.80 | 7.34 | 3.58 | 10.10 | 7.92 | 3.58 | 10.71 | 7.89 | 3.58 | 11.01 | 7.88 | 3.58 | 11.31 | 8.41 | 3.58 |
| | 40 | 6.57 | 5.81 | 3.16 | 7.32 | 5.85 | 3.20 | 7.57 | 6.36 | 3.22 | 8.07 | 6.38 | 3.25 | 8.32 | 6.89 | 3.27 | 8.82 | 6.86 | 3.30 | 9.07 | 6.85 | 3.32 | 9.32 | 7.31 | 3.34 |
| | 46 | 4.30 | 4.30 | 2.35 | 4.79 | 4.45 | 2.39 | 4.96 | 4.84 | 2.40 | 5.28 | 4.86 | 2.43 | 5.45 | 5.24 | 2.44 | 5.77 | 5.22 | 2.46 | 5.94 | 5.21 | 2.48 | 6.10 | 5.56 | 2.49 |

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

## ● Indoor unit : 7000Btu + 9000Btu + 12000Btu + 18000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+9+12+18 Outdoor temperature | 0 | 8.76 | 7.45 | 1.96 | 9.76 | 7.50 | 1.99 | 10.09 | 8.15 | 2.00 | 10.76 | 8.18 | 2.02 | 11.09 | 8.83 | 2.03 | 11.76 | 8.80 | 2.05 | 12.09 | 8.79 | 2.06 | 12.42 | 9.37 | 2.07 |
| | 5 | 8.62 | 7.39 | 2.00 | 9.60 | 7.44 | 2.03 | 9.92 | 8.08 | 2.04 | 10.58 | 8.11 | 2.06 | 10.91 | 8.76 | 2.07 | 11.56 | 8.73 | 2.09 | 11.89 | 8.71 | 2.10 | 12.22 | 9.29 | 2.12 |
| | 10 | 8.56 | 7.36 | 2.05 | 9.53 | 7.41 | 2.08 | 9.86 | 8.05 | 2.09 | 10.51 | 8.08 | 2.11 | 10.83 | 8.73 | 2.12 | 11.48 | 8.69 | 2.15 | 11.81 | 8.68 | 2.16 | 12.13 | 9.26 | 2.17 |
| | 15 | 8.54 | 7.35 | 1.82 | 9.51 | 7.40 | 1.84 | 9.84 | 8.04 | 1.85 | 10.48 | 8.07 | 1.87 | 10.81 | 8.72 | 1.88 | 11.46 | 8.68 | 1.90 | 11.78 | 8.67 | 1.91 | 12.11 | 9.25 | 1.92 |
| | 20 | 8.65 | 7.41 | 2.11 | 9.64 | 7.45 | 2.14 | 9.97 | 8.10 | 2.15 | 10.62 | 8.13 | 2.17 | 10.95 | 8.78 | 2.18 | 11.61 | 8.75 | 2.21 | 11.94 | 8.73 | 2.22 | 12.27 | 9.31 | 2.23 |
| | 25 | 9.04 | 7.58 | 3.03 | 10.07 | 7.63 | 3.07 | 10.42 | 8.29 | 3.09 | 11.10 | 8.32 | 3.12 | 11.45 | 8.98 | 3.14 | 12.13 | 8.95 | 3.17 | 12.48 | 8.94 | 3.18 | 12.82 | 9.53 | 3.20 |
| | 30 | 8.52 | 7.35 | 3.24 | 9.49 | 7.39 | 3.29 | 9.82 | 8.03 | 3.31 | 10.46 | 8.07 | 3.34 | 10.79 | 8.71 | 3.36 | 11.43 | 8.68 | 3.39 | 11.76 | 8.66 | 3.41 | 12.08 | 9.24 | 3.43 |
| | 35 | 7.98 | 7.10 | 3.44 | 8.89 | 7.15 | 3.49 | 9.19 | 7.77 | 3.51 | 9.80 | 7.80 | 3.54 | 10.10 | 8.42 | 3.56 | 10.71 | 8.39 | 3.58 | 11.01 | 8.37 | 3.58 | 11.31 | 8.93 | 3.58 |
| | 40 | 6.72 | 6.10 | 3.16 | 7.49 | 6.14 | 3.20 | 7.75 | 6.67 | 3.22 | 8.26 | 6.70 | 3.25 | 8.51 | 7.23 | 3.27 | 9.02 | 7.21 | 3.30 | 9.28 | 7.19 | 3.32 | 9.53 | 7.67 | 3.34 |
| | 46 | 4.38 | 4.38 | 2.35 | 4.88 | 4.58 | 2.39 | 5.05 | 4.97 | 2.40 | 5.38 | 4.99 | 2.43 | 5.55 | 5.39 | 2.44 | 5.88 | 5.37 | 2.46 | 6.05 | 5.36 | 2.48 | 6.21 | 5.72 | 2.49 |

## ● Indoor unit : 7000Btu + 9000Btu + 14000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+9+14+14 Outdoor temperature | 0 | 8.79 | 7.14 | 1.91 | 9.79 | 7.18 | 1.93 | 10.12 | 7.80 | 1.94 | 10.79 | 7.83 | 1.96 | 11.12 | 8.46 | 1.97 | 11.79 | 8.43 | 1.99 | 12.12 | 8.41 | 2.00 | 12.46 | 8.97 | 2.01 |
| | 5 | 8.56 | 7.03 | 2.00 | 9.53 | 7.08 | 2.04 | 9.85 | 7.69 | 2.05 | 10.50 | 7.72 | 2.07 | 10.83 | 8.34 | 2.08 | 11.48 | 8.31 | 2.10 | 11.80 | 8.29 | 2.11 | 12.13 | 8.85 | 2.12 |
| | 10 | 8.56 | 7.04 | 2.06 | 9.53 | 7.08 | 2.09 | 9.86 | 7.70 | 2.10 | 10.51 | 7.73 | 2.12 | 10.83 | 8.34 | 2.13 | 11.48 | 8.31 | 2.16 | 11.81 | 8.29 | 2.17 | 12.13 | 8.85 | 2.18 |
| | 15 | 8.60 | 7.05 | 1.83 | 9.58 | 7.10 | 1.86 | 9.90 | 7.71 | 1.87 | 10.56 | 7.74 | 1.88 | 10.88 | 8.36 | 1.89 | 11.54 | 8.33 | 1.91 | 11.86 | 8.31 | 1.92 | 12.19 | 8.87 | 1.93 |
| | 20 | 8.64 | 7.07 | 2.12 | 9.63 | 7.12 | 2.15 | 9.96 | 7.74 | 2.16 | 10.61 | 7.77 | 2.18 | 10.94 | 8.38 | 2.19 | 11.60 | 8.35 | 2.21 | 11.92 | 8.34 | 2.23 | 12.25 | 8.89 | 2.24 |
| | 25 | 9.09 | 7.27 | 3.02 | 10.12 | 7.31 | 3.06 | 10.47 | 7.95 | 3.08 | 11.16 | 7.98 | 3.11 | 11.50 | 8.61 | 3.13 | 12.19 | 8.58 | 3.16 | 12.54 | 8.57 | 3.17 | 12.88 | 9.14 | 3.19 |
| | 30 | 8.54 | 7.03 | 3.23 | 9.51 | 7.07 | 3.29 | 9.84 | 7.69 | 3.30 | 10.49 | 7.72 | 3.34 | 10.81 | 8.33 | 3.35 | 11.46 | 8.30 | 3.39 | 11.78 | 8.28 | 3.40 | 12.11 | 8.84 | 3.42 |
| | 35 | 7.98 | 6.78 | 3.45 | 8.89 | 6.83 | 3.51 | 9.19 | 7.42 | 3.53 | 9.80 | 7.45 | 3.58 | 10.10 | 8.04 | 3.58 | 10.71 | 8.01 | 3.58 | 11.01 | 8.00 | 3.58 | 11.31 | 8.53 | 3.58 |
| | 40 | 6.65 | 5.96 | 3.16 | 7.41 | 6.00 | 3.20 | 7.66 | 6.52 | 3.22 | 8.16 | 6.54 | 3.25 | 8.42 | 7.06 | 3.27 | 8.92 | 7.04 | 3.30 | 9.17 | 7.02 | 3.32 | 9.43 | 7.49 | 3.34 |
| | 46 | 4.34 | 4.34 | 2.35 | 4.84 | 4.51 | 2.39 | 5.00 | 4.91 | 2.40 | 5.33 | 4.92 | 2.43 | 5.50 | 5.32 | 2.44 | 5.83 | 5.30 | 2.46 | 5.99 | 5.29 | 2.48 | 6.16 | 5.64 | 2.49 |

## ● Indoor unit : 7000Btu + 9000Btu + 14000Btu + 18000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+9+14+18 Outdoor temperature | 0 | 8.75 | 7.33 | 2.03 | 9.74 | 7.38 | 2.06 | 10.08 | 8.02 | 2.07 | 10.74 | 8.05 | 2.09 | 11.07 | 8.69 | 2.11 | 11.74 | 8.66 | 2.13 | 12.07 | 8.64 | 2.14 | 12.40 | 9.22 | 2.15 |
| | 5 | 8.69 | 7.31 | 2.01 | 9.68 | 7.35 | 2.05 | 10.01 | 7.99 | 2.06 | 10.67 | 8.02 | 2.08 | 11.00 | 8.66 | 2.09 | 11.66 | 8.63 | 2.11 | 11.99 | 8.61 | 2.12 | 12.33 | 9.19 | 2.13 |
| | 10 | 8.56 | 7.25 | 2.06 | 9.54 | 7.30 | 2.09 | 9.86 | 7.93 | 2.10 | 10.52 | 7.96 | 2.12 | 10.84 | 8.59 | 2.13 | 11.49 | 8.56 | 2.15 | 11.82 | 8.55 | 2.16 | 12.14 | 9.12 | 2.18 |
| | 15 | 8.48 | 7.21 | 1.82 | 9.44 | 7.26 | 1.85 | 9.77 | 7.89 | 1.86 | 10.41 | 7.92 | 1.88 | 10.73 | 8.55 | 1.89 | 11.38 | 8.52 | 1.90 | 11.70 | 8.50 | 1.91 | 12.02 | 9.07 | 1.92 |
| | 20 | 8.66 | 7.29 | 2.12 | 9.65 | 7.34 | 2.15 | 9.98 | 7.98 | 2.16 | 10.64 | 8.01 | 2.18 | 10.97 | 8.64 | 2.19 | 11.62 | 8.61 | 2.21 | 11.95 | 8.60 | 2.23 | 12.28 | 9.17 | 2.24 |
| | 25 | 9.00 | 7.44 | 3.06 | 10.02 | 7.49 | 3.11 | 10.36 | 8.14 | 3.13 | 11.05 | 8.17 | 3.16 | 11.39 | 8.82 | 3.17 | 12.07 | 8.78 | 3.20 | 12.41 | 8.77 | 3.22 | 12.75 | 9.35 | 3.24 |
| | 30 | 8.50 | 7.22 | 3.27 | 9.47 | 7.27 | 3.32 | 9.80 | 7.90 | 3.34 | 10.44 | 7.93 | 3.38 | 10.76 | 8.56 | 3.39 | 11.41 | 8.53 | 3.43 | 11.73 | 8.52 | 3.44 | 12.06 | 9.08 | 3.46 |
| | 35 | 7.98 | 6.99 | 3.45 | 8.89 | 7.04 | 3.51 | 9.19 | 7.65 | 3.53 | 9.80 | 7.68 | 3.58 | 10.10 | 8.29 | 3.58 | 10.71 | 8.26 | 3.58 | 11.01 | 8.24 | 3.58 | 11.31 | 8.80 | 3.58 |
| | 40 | 6.80 | 6.25 | 3.16 | 7.57 | 6.29 | 3.20 | 7.83 | 6.83 | 3.22 | 8.35 | 6.86 | 3.25 | 8.61 | 7.40 | 3.27 | 9.12 | 7.38 | 3.30 | 9.38 | 7.36 | 3.32 | 9.64 | 7.85 | 3.34 |
| | 46 | 4.42 | 4.42 | 2.35 | 4.93 | 4.64 | 2.39 | 5.09 | 5.04 | 2.40 | 5.43 | 5.06 | 2.43 | 5.60 | 5.47 | 2.44 | 5.93 | 5.45 | 2.46 | 6.10 | 5.44 | 2.48 | 6.27 | 5.80 | 2.49 |

## ● Indoor unit : 7000Btu + 12000Btu + 12000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+12+12+12 Outdoor temperature | 0 | 8.80 | 7.09 | 1.86 | 9.80 | 7.14 | 1.89 | 10.14 | 7.76 | 1.90 | 10.81 | 7.79 | 1.92 | 11.14 | 8.40 | 1.93 | 11.81 | 8.37 | 1.95 | 12.14 | 8.36 | 1.96 | 12.48 | 8.92 | 1.97 |
| | 5 | 8.53 | 6.97 | 1.99 | 9.50 | 7.02 | 2.02 | 9.83 | 7.63 | 2.03 | 10.47 | 7.66 | 2.05 | 10.80 | 8.26 | 2.06 | 11.45 | 8.23 | 2.08 | 11.77 | 8.22 | 2.09 | 12.09 | 8.77 | 2.10 |
| | 10 | 8.56 | 6.99 | 2.05 | 9.54 | 7.03 | 2.08 | 9.86 | 7.64 | 2.09 | 10.51 | 7.67 | 2.11 | 10.84 | 8.28 | 2.12 | 11.49 | 8.25 | 2.14 | 11.81 | 8.24 | 2.15 | 12.14 | 8.79 | 2.16 |
| | 15 | 8.63 | 7.02 | 1.82 | 9.61 | 7.06 | 1.85 | 9.94 | 7.67 | 1.86 | 10.59 | 7.70 | 1.87 | 10.92 | 8.31 | 1.88 | 11.58 | 8.28 | 1.90 | 11.90 | 8.27 | 1.91 | 12.23 | 8.82 | 1.92 |
| | 20 | 8.64 | 7.02 | 2.10 | 9.62 | 7.07 | 2.14 | 9.95 | 7.68 | 2.15 | 10.61 | 7.71 | 2.17 | 10.93 | 8.32 | 2.18 | 11.59 | 8.29 | 2.20 | 11.92 | 8.27 | 2.21 | 12.25 | 8.83 | 2.22 |
| | 25 | 9.11 | 7.23 | 2.99 | 10.15 | 7.27 | 3.03 | 10.49 | 7.90 | 3.05 | 11.18 | 7.93 | 3.08 | 11.53 | 8.56 | 3.09 | 12.22 | 8.53 | 3.12 | 12.57 | 8.52 | 3.14 | 12.91 | 9.09 | 3.16 |
| | 30 | 8.55 | 6.98 | 3.20 | 9.52 | 7.03 | 3.25 | 9.85 | 7.63 | 3.27 | 10.50 | 7.66 | 3.30 | 10.82 | 8.27 | 3.32 | 11.47 | 8.24 | 3.35 | 11.79 | 8.23 | 3.37 | 12.12 | 8.78 | 3.39 |
| | 35 | 7.98 | 6.73 | 3.44 | 8.89 | 6.78 | 3.49 | 9.19 | 7.36 | 3.51 | 9.80 | 7.39 | 3.54 | 10.10 | 7.98 | 3.56 | 10.71 | 7.95 | 3.58 | 11.01 | 7.94 | 3.58 | 11.31 | 8.47 | 3.58 |
| | 40 | 6.61 | 5.89 | 3.16 | 7.36 | 5.92 | 3.20 | 7.62 | 6.44 | 3.22 | 8.12 | 6.46 | 3.25 | 8.37 | 6.97 | 3.27 | 8.87 | 6.95 | 3.30 | 9.12 | 6.94 | 3.32 | 9.37 | 7.40 | 3.34 |
| | 46 | 4.32 | 4.32 | 2.35 | 4.81 | 4.48 | 2.39 | 4.98 | 4.87 | 2.40 | 5.31 | 4.89 | 2.43 | 5.47 | 5.28 | 2.44 | 5.80 | 5.26 | 2.46 | 5.96 | 5.25 | 2.48 | 6.13 | 5.60 | 2.49 |

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)



OUTDOOR UNIT
AO∗G30L4

## ● Indoor unit : 7000Btu + 12000Btu + 12000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+12+12+14 Outdoor temperature | 0 | 8.77 | 7.18 | 1.94 | 9.77 | 7.23 | 1.97 | 10.10 | 7.85 | 1.98 | 10.77 | 7.88 | 2.00 | 11.10 | 8.51 | 2.01 | 11.77 | 8.48 | 2.03 | 12.10 | 8.46 | 2.04 | 12.44 | 9.03 | 2.05 |
| | 5 | 8.58 | 7.10 | 2.01 | 9.56 | 7.14 | 2.04 | 9.89 | 7.76 | 2.05 | 10.54 | 7.79 | 2.07 | 10.87 | 8.41 | 2.08 | 11.52 | 8.38 | 2.10 | 11.84 | 8.37 | 2.11 | 12.17 | 8.92 | 2.12 |
| | 10 | 8.56 | 7.09 | 2.06 | 9.53 | 7.13 | 2.09 | 9.86 | 7.75 | 2.10 | 10.51 | 7.78 | 2.12 | 10.83 | 8.40 | 2.13 | 11.48 | 8.37 | 2.16 | 11.81 | 8.35 | 2.17 | 12.13 | 8.91 | 2.18 |
| | 15 | 8.57 | 7.09 | 1.83 | 9.55 | 7.14 | 1.86 | 9.87 | 7.76 | 1.87 | 10.52 | 7.79 | 1.88 | 10.85 | 8.40 | 1.89 | 11.50 | 8.37 | 1.91 | 11.82 | 8.36 | 1.92 | 12.15 | 8.92 | 1.93 |
| | 20 | 8.65 | 7.13 | 2.12 | 9.63 | 7.17 | 2.15 | 9.96 | 7.79 | 2.16 | 10.62 | 7.82 | 2.18 | 10.95 | 8.44 | 2.19 | 11.60 | 8.41 | 2.22 | 11.93 | 8.40 | 2.23 | 12.26 | 8.96 | 2.24 |
| | 25 | 9.06 | 7.31 | 3.03 | 10.10 | 7.35 | 3.08 | 10.44 | 7.99 | 3.09 | 11.13 | 8.02 | 3.12 | 11.47 | 8.66 | 3.14 | 12.16 | 8.63 | 3.17 | 12.51 | 8.61 | 3.19 | 12.85 | 9.19 | 3.20 |
| | 30 | 8.53 | 7.07 | 3.25 | 9.50 | 7.12 | 3.30 | 9.83 | 7.74 | 3.31 | 10.47 | 7.77 | 3.35 | 10.80 | 8.38 | 3.36 | 11.45 | 8.35 | 3.40 | 11.77 | 8.34 | 3.42 | 12.09 | 8.90 | 3.43 |
| | 35 | 7.98 | 6.83 | 3.45 | 8.89 | 6.88 | 3.51 | 9.19 | 7.47 | 3.53 | 9.80 | 7.50 | 3.58 | 10.10 | 8.10 | 3.58 | 10.71 | 8.07 | 3.58 | 11.01 | 8.06 | 3.58 | 11.31 | 8.59 | 3.58 |
| | 40 | 6.69 | 6.03 | 3.16 | 7.45 | 6.07 | 3.20 | 7.70 | 6.59 | 3.22 | 8.21 | 6.62 | 3.25 | 8.46 | 7.15 | 3.27 | 8.97 | 7.12 | 3.30 | 9.23 | 7.11 | 3.32 | 9.48 | 7.58 | 3.34 |
| | 46 | 4.36 | 4.36 | 2.35 | 4.86 | 4.55 | 2.39 | 5.03 | 4.94 | 2.40 | 5.36 | 4.96 | 2.43 | 5.52 | 5.35 | 2.44 | 5.85 | 5.33 | 2.46 | 6.02 | 5.32 | 2.48 | 6.18 | 5.68 | 2.49 |

## ● Indoor unit : 7000Btu + 12000Btu + 12000Btu + 18000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+12+12+18 Outdoor temperature | 0 | 8.74 | 7.38 | 2.06 | 9.74 | 7.43 | 2.09 | 10.07 | 8.08 | 2.10 | 10.74 | 8.11 | 2.12 | 11.07 | 8.75 | 2.13 | 11.73 | 8.72 | 2.15 | 12.06 | 8.70 | 2.17 | 12.40 | 9.29 | 2.18 |
| | 5 | 8.74 | 7.38 | 2.01 | 9.73 | 7.43 | 2.04 | 10.07 | 8.07 | 2.05 | 10.73 | 8.11 | 2.08 | 11.06 | 8.75 | 2.09 | 11.73 | 8.72 | 2.11 | 12.06 | 8.70 | 2.12 | 12.39 | 9.28 | 2.13 |
| | 10 | 8.57 | 7.31 | 2.05 | 9.55 | 7.36 | 2.09 | 9.87 | 7.99 | 2.10 | 10.52 | 8.02 | 2.12 | 10.85 | 8.66 | 2.13 | 11.50 | 8.63 | 2.15 | 11.82 | 8.61 | 2.16 | 12.15 | 9.19 | 2.17 |
| | 15 | 8.45 | 7.25 | 1.81 | 9.41 | 7.30 | 1.84 | 9.73 | 7.93 | 1.85 | 10.37 | 7.97 | 1.87 | 10.69 | 8.60 | 1.88 | 11.33 | 8.57 | 1.90 | 11.65 | 8.55 | 1.91 | 11.97 | 9.12 | 1.92 |
| | 20 | 8.67 | 7.35 | 2.11 | 9.66 | 7.40 | 2.14 | 9.99 | 8.04 | 2.15 | 10.65 | 8.07 | 2.18 | 10.97 | 8.71 | 2.19 | 11.63 | 8.68 | 2.21 | 11.96 | 8.67 | 2.22 | 12.29 | 9.25 | 2.23 |
| | 25 | 8.97 | 7.49 | 3.07 | 9.99 | 7.53 | 3.11 | 10.34 | 8.19 | 3.13 | 11.02 | 8.22 | 3.16 | 11.36 | 8.87 | 3.18 | 12.04 | 8.84 | 3.21 | 12.38 | 8.82 | 3.23 | 12.72 | 9.41 | 3.24 |
| | 30 | 8.50 | 7.28 | 3.28 | 9.46 | 7.32 | 3.33 | 9.79 | 7.96 | 3.34 | 10.43 | 7.99 | 3.38 | 10.75 | 8.62 | 3.40 | 11.40 | 8.59 | 3.43 | 11.72 | 8.58 | 3.45 | 12.04 | 9.15 | 3.46 |
| | 35 | 7.98 | 7.05 | 3.44 | 8.89 | 7.10 | 3.49 | 9.19 | 7.71 | 3.51 | 9.80 | 7.74 | 3.54 | 10.10 | 8.36 | 3.56 | 10.71 | 8.33 | 3.58 | 11.01 | 8.31 | 3.58 | 11.31 | 8.87 | 3.58 |
| | 40 | 6.84 | 6.32 | 3.16 | 7.62 | 6.36 | 3.20 | 7.88 | 6.91 | 3.22 | 8.40 | 6.94 | 3.25 | 8.66 | 7.49 | 3.27 | 9.17 | 7.46 | 3.30 | 9.43 | 7.45 | 3.32 | 9.69 | 7.95 | 3.34 |
| | 46 | 4.44 | 4.44 | 2.35 | 4.95 | 4.67 | 2.39 | 5.12 | 5.08 | 2.40 | 5.46 | 5.10 | 2.43 | 5.62 | 5.50 | 2.44 | 5.96 | 5.48 | 2.46 | 6.13 | 5.47 | 2.48 | 6.30 | 5.84 | 2.49 |

## ● Indoor unit : 7000Btu + 12000Btu + 14000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 7+12+14+14 Outdoor temperature | 0 | 8.75 | 7.28 | 2.00 | 9.75 | 7.32 | 2.04 | 10.08 | 7.96 | 2.05 | 10.75 | 7.99 | 2.07 | 11.08 | 8.63 | 2.08 | 11.75 | 8.59 | 2.10 | 12.08 | 8.58 | 2.11 | 12.41 | 9.15 | 2.12 |
| | 5 | 8.65 | 7.23 | 2.02 | 9.64 | 7.28 | 2.05 | 9.97 | 7.91 | 2.06 | 10.62 | 7.94 | 2.08 | 10.95 | 8.57 | 2.09 | 11.61 | 8.54 | 2.11 | 11.94 | 8.53 | 2.12 | 12.27 | 9.10 | 2.13 |
| | 10 | 8.56 | 7.19 | 2.06 | 9.54 | 7.24 | 2.09 | 9.86 | 7.87 | 2.11 | 10.51 | 7.90 | 2.13 | 10.84 | 8.53 | 2.14 | 11.49 | 8.49 | 2.16 | 11.81 | 8.48 | 2.17 | 12.14 | 9.05 | 2.18 |
| | 15 | 8.51 | 7.17 | 1.83 | 9.48 | 7.22 | 1.85 | 9.80 | 7.84 | 1.86 | 10.45 | 7.87 | 1.88 | 10.77 | 8.50 | 1.89 | 11.42 | 8.47 | 1.91 | 11.74 | 8.45 | 1.92 | 12.06 | 9.02 | 1.93 |
| | 20 | 8.66 | 7.24 | 2.12 | 9.64 | 7.28 | 2.15 | 9.97 | 7.91 | 2.16 | 10.63 | 7.94 | 2.19 | 10.96 | 8.58 | 2.20 | 11.62 | 8.54 | 2.22 | 11.95 | 8.53 | 2.23 | 12.27 | 9.10 | 2.24 |
| | 25 | 9.02 | 7.39 | 3.06 | 10.05 | 7.44 | 3.10 | 10.39 | 8.09 | 3.12 | 11.07 | 8.12 | 3.15 | 11.42 | 8.76 | 3.17 | 12.10 | 8.73 | 3.20 | 12.44 | 8.72 | 3.21 | 12.79 | 9.30 | 3.23 |
| | 30 | 8.51 | 7.17 | 3.27 | 9.48 | 7.22 | 3.32 | 9.81 | 7.84 | 3.34 | 10.45 | 7.87 | 3.37 | 10.78 | 8.50 | 3.39 | 11.42 | 8.47 | 3.42 | 11.75 | 8.45 | 3.44 | 12.07 | 9.02 | 3.46 |
| | 35 | 7.98 | 6.94 | 3.45 | 8.89 | 6.98 | 3.51 | 9.19 | 7.59 | 3.53 | 9.80 | 7.62 | 3.58 | 10.10 | 8.22 | 3.58 | 10.71 | 8.19 | 3.58 | 11.01 | 8.18 | 3.58 | 11.31 | 8.73 | 3.58 |
| | 40 | 6.76 | 6.17 | 3.16 | 7.53 | 6.21 | 3.20 | 7.79 | 6.75 | 3.22 | 8.30 | 6.78 | 3.25 | 8.56 | 7.32 | 3.27 | 9.07 | 7.29 | 3.30 | 9.33 | 7.28 | 3.32 | 9.59 | 7.76 | 3.34 |
| | 46 | 4.40 | 4.40 | 2.35 | 4.90 | 4.61 | 2.39 | 5.07 | 5.01 | 2.40 | 5.41 | 5.03 | 2.43 | 5.57 | 5.43 | 2.44 | 5.91 | 5.41 | 2.46 | 6.07 | 5.40 | 2.48 | 6.24 | 5.76 | 2.49 |

## ● Indoor unit : 9000Btu + 9000Btu + 9000Btu + 9000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| 9+9+9+9 Outdoor temperature | 0 | 7.87 | 6.56 | 1.45 | 8.76 | 6.60 | 1.47 | 9.06 | 7.17 | 1.48 | 9.66 | 7.20 | 1.49 | 9.96 | 7.77 | 1.50 | 10.55 | 7.74 | 1.51 | 10.85 | 7.73 | 1.52 | 11.15 | 8.24 | 1.53 |
| | 5 | 7.44 | 6.36 | 1.74 | 8.28 | 6.40 | 1.76 | 8.57 | 6.96 | 1.77 | 9.13 | 6.98 | 1.79 | 9.41 | 7.54 | 1.80 | 9.98 | 7.51 | 1.82 | 10.26 | 7.50 | 1.83 | 10.54 | 8.00 | 1.84 |
| | 10 | 7.57 | 6.42 | 1.89 | 8.43 | 6.46 | 1.92 | 8.72 | 7.02 | 1.93 | 9.29 | 7.05 | 1.95 | 9.58 | 7.61 | 1.96 | 10.15 | 7.58 | 1.98 | 10.44 | 7.57 | 1.99 | 10.73 | 8.07 | 2.00 |
| | 15 | 8.72 | 6.94 | 2.20 | 9.72 | 6.99 | 2.24 | 10.05 | 7.59 | 2.25 | 10.71 | 7.62 | 2.27 | 11.04 | 8.23 | 2.28 | 11.70 | 8.20 | 2.31 | 12.04 | 8.19 | 2.32 | 12.37 | 8.73 | 2.33 |
| | 20 | 8.53 | 6.86 | 2.09 | 9.50 | 6.90 | 2.13 | 9.82 | 7.50 | 2.14 | 10.47 | 7.53 | 2.16 | 10.79 | 8.12 | 2.17 | 11.44 | 8.10 | 2.19 | 11.77 | 8.08 | 2.20 | 12.09 | 8.62 | 2.21 |
| | 25 | 9.15 | 7.14 | 2.89 | 10.20 | 7.19 | 2.94 | 10.54 | 7.81 | 2.95 | 11.24 | 7.84 | 2.98 | 11.59 | 8.46 | 3.00 | 12.28 | 8.43 | 3.03 | 12.63 | 8.42 | 3.04 | 12.98 | 8.98 | 3.06 |
| | 30 | 8.53 | 6.86 | 3.12 | 9.50 | 6.90 | 3.17 | 9.82 | 7.50 | 3.19 | 10.47 | 7.53 | 3.22 | 10.79 | 8.12 | 3.23 | 11.44 | 8.10 | 3.27 | 11.76 | 8.08 | 3.28 | 12.09 | 8.62 | 3.30 |
| | 35 | 7.90 | 6.57 | 3.44 | 8.80 | 6.61 | 3.49 | 9.10 | 7.19 | 3.51 | 9.70 | 7.21 | 3.54 | 10.00 | 7.79 | 3.56 | 10.60 | 7.76 | 3.58 | 10.90 | 7.75 | 3.58 | 11.20 | 8.26 | 3.58 |
| | 40 | 6.35 | 5.38 | 3.16 | 7.07 | 5.41 | 3.20 | 7.31 | 5.88 | 3.22 | 7.79 | 5.91 | 3.25 | 8.03 | 6.37 | 3.27 | 8.52 | 6.35 | 3.30 | 8.76 | 6.34 | 3.32 | 9.00 | 6.76 | 3.34 |
| | 46 | 4.18 | 4.18 | 2.35 | 4.66 | 4.26 | 2.39 | 4.82 | 4.63 | 2.40 | 5.13 | 4.65 | 2.43 | 5.29 | 5.02 | 2.44 | 5.61 | 5.00 | 2.46 | 5.77 | 4.99 | 2.48 | 5.93 | 5.32 | 2.49 |

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO∗G30L4

## ● Indoor unit : 9000Btu + 9000Btu + 9000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 9+9+9+12 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | 0 | 8.17 | 6.60 | 1.61 | 9.10 | 6.64 | 1.64 | 9.41 | 7.22 | 1.65 | 10.03 | 7.25 | 1.66 | 10.34 | 7.82 | 1.67 | 10.96 | 7.80 | 1.69 | 11.27 | 7.78 | 1.70 | 11.58 | 8.30 | 1.70 |
| | 5 | 7.79 | 6.44 | 1.84 | 8.68 | 6.48 | 1.87 | 8.98 | 7.04 | 1.88 | 9.57 | 7.07 | 1.90 | 9.86 | 7.63 | 1.90 | 10.46 | 7.60 | 1.92 | 10.75 | 7.59 | 1.93 | 11.05 | 8.10 | 1.94 |
| | 10 | 7.90 | 6.48 | 1.90 | 8.80 | 6.53 | 1.93 | 9.10 | 7.09 | 1.94 | 9.70 | 7.12 | 1.96 | 10.00 | 7.68 | 1.97 | 10.60 | 7.66 | 1.99 | 10.90 | 7.64 | 2.00 | 11.20 | 8.15 | 2.01 |
| | 15 | 8.65 | 6.81 | 2.28 | 9.63 | 6.86 | 2.32 | 9.96 | 7.45 | 2.33 | 10.62 | 7.48 | 2.35 | 10.95 | 8.07 | 2.36 | 11.61 | 8.04 | 2.39 | 11.93 | 8.03 | 2.40 | 12.26 | 8.57 | 2.41 |
| | 20 | 8.54 | 6.76 | 2.10 | 9.51 | 6.81 | 2.14 | 9.83 | 7.40 | 2.15 | 10.48 | 7.43 | 2.17 | 10.81 | 8.02 | 2.18 | 11.45 | 7.99 | 2.20 | 11.78 | 7.97 | 2.21 | 12.10 | 8.50 | 2.22 |
| | 25 | 9.10 | 7.01 | 2.94 | 10.14 | 7.05 | 2.99 | 10.48 | 7.67 | 3.00 | 11.17 | 7.70 | 3.03 | 11.52 | 8.31 | 3.05 | 12.21 | 8.28 | 3.08 | 12.55 | 8.26 | 3.09 | 12.90 | 8.81 | 3.11 |
| | 30 | 8.50 | 6.75 | 3.17 | 9.47 | 6.79 | 3.21 | 9.79 | 7.38 | 3.23 | 10.44 | 7.41 | 3.26 | 10.76 | 8.00 | 3.28 | 11.40 | 7.97 | 3.31 | 11.73 | 7.95 | 3.33 | 12.05 | 8.48 | 3.35 |
| | 35 | 7.90 | 6.49 | 3.45 | 8.80 | 6.53 | 3.51 | 9.10 | 7.09 | 3.53 | 9.70 | 7.12 | 3.58 | 10.00 | 7.69 | 3.58 | 10.60 | 7.66 | 3.58 | 10.90 | 7.64 | 3.58 | 11.20 | 8.15 | 3.58 |
| | 40 | 6.46 | 5.60 | 3.16 | 7.20 | 5.63 | 3.20 | 7.44 | 6.12 | 3.22 | 7.93 | 6.14 | 3.25 | 8.18 | 6.63 | 3.27 | 8.67 | 6.61 | 3.30 | 8.91 | 6.60 | 3.32 | 9.16 | 7.04 | 3.34 |
| | 46 | 4.24 | 4.24 | 2.35 | 4.72 | 4.36 | 2.39 | 4.89 | 4.73 | 2.40 | 5.21 | 4.75 | 2.43 | 5.37 | 5.13 | 2.44 | 5.69 | 5.11 | 2.46 | 5.85 | 5.10 | 2.48 | 6.01 | 5.44 | 2.49 |

## ● Indoor unit : 9000Btu + 9000Btu + 9000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 9+9+9+14 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | 0 | 8.21 | 6.74 | 1.68 | 9.14 | 6.78 | 1.70 | 9.45 | 7.37 | 1.71 | 10.08 | 7.40 | 1.73 | 10.39 | 7.99 | 1.74 | 11.01 | 7.96 | 1.76 | 11.32 | 7.94 | 1.76 | 11.63 | 8.47 | 1.77 |
| | 5 | 7.89 | 6.60 | 1.85 | 8.79 | 6.64 | 1.88 | 9.09 | 7.22 | 1.89 | 9.69 | 7.25 | 1.91 | 9.99 | 7.82 | 1.92 | 10.58 | 7.79 | 1.94 | 10.88 | 7.78 | 1.95 | 11.18 | 8.30 | 1.96 |
| | 10 | 7.96 | 6.63 | 1.91 | 8.87 | 6.67 | 1.94 | 9.17 | 7.25 | 1.95 | 9.77 | 7.28 | 1.97 | 10.08 | 7.86 | 1.98 | 10.68 | 7.83 | 2.00 | 10.98 | 7.82 | 2.01 | 11.29 | 8.34 | 2.02 |
| | 15 | 8.68 | 6.95 | 1.83 | 9.67 | 6.99 | 1.86 | 10.00 | 7.60 | 1.87 | 10.66 | 7.63 | 1.89 | 10.99 | 8.23 | 1.90 | 11.65 | 8.20 | 1.92 | 11.98 | 8.19 | 1.92 | 12.31 | 8.73 | 1.93 |
| | 20 | 8.63 | 6.92 | 2.11 | 9.61 | 6.97 | 2.15 | 9.94 | 7.57 | 2.16 | 10.60 | 7.60 | 2.18 | 10.92 | 8.20 | 2.19 | 11.58 | 8.18 | 2.21 | 11.91 | 8.16 | 2.22 | 12.23 | 8.71 | 2.23 |
| | 25 | 9.15 | 7.15 | 2.98 | 10.19 | 7.20 | 3.02 | 10.54 | 7.82 | 3.04 | 11.23 | 7.85 | 3.07 | 11.58 | 8.47 | 3.08 | 12.28 | 8.44 | 3.11 | 12.62 | 8.43 | 3.13 | 12.97 | 8.99 | 3.14 |
| | 30 | 8.57 | 6.90 | 3.20 | 9.54 | 6.94 | 3.25 | 9.87 | 7.54 | 3.26 | 10.52 | 7.57 | 3.30 | 10.84 | 8.17 | 3.31 | 11.49 | 8.14 | 3.35 | 11.82 | 8.13 | 3.36 | 12.14 | 8.67 | 3.38 |
| | 35 | 7.98 | 6.64 | 3.45 | 8.89 | 6.68 | 3.51 | 9.19 | 7.26 | 3.53 | 9.80 | 7.29 | 3.58 | 10.10 | 7.87 | 3.58 | 10.71 | 7.84 | 3.58 | 11.01 | 7.83 | 3.58 | 11.31 | 8.35 | 3.58 |
| | 40 | 6.54 | 5.74 | 3.16 | 7.28 | 5.78 | 3.20 | 7.53 | 6.28 | 3.22 | 8.03 | 6.30 | 3.25 | 8.27 | 6.80 | 3.27 | 8.77 | 6.78 | 3.30 | 9.02 | 6.77 | 3.32 | 9.27 | 7.22 | 3.34 |
| | 46 | 4.28 | 4.28 | 2.35 | 4.77 | 4.42 | 2.39 | 4.93 | 4.80 | 2.40 | 5.26 | 4.82 | 2.43 | 5.42 | 5.20 | 2.44 | 5.75 | 5.19 | 2.46 | 5.91 | 5.18 | 2.48 | 6.07 | 5.52 | 2.49 |

## ● Indoor unit* : 9000Btu + 9000Btu + 9000Btu + 18000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 9+9+9+18 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | 0 | 8.77 | 7.49 | 1.94 | 9.77 | 7.54 | 1.97 | 10.10 | 8.19 | 1.98 | 10.77 | 8.23 | 2.00 | 11.10 | 8.88 | 2.01 | 11.77 | 8.85 | 2.03 | 12.10 | 8.83 | 2.04 | 12.44 | 9.42 | 2.05 |
| | 5 | 8.58 | 7.41 | 2.01 | 9.56 | 7.45 | 2.04 | 9.89 | 8.10 | 2.05 | 10.54 | 8.13 | 2.07 | 10.87 | 8.78 | 2.08 | 11.52 | 8.75 | 2.10 | 11.84 | 8.73 | 2.11 | 12.17 | 9.31 | 2.12 |
| | 10 | 8.56 | 7.39 | 2.06 | 9.53 | 7.44 | 2.09 | 9.86 | 8.09 | 2.10 | 10.51 | 8.12 | 2.12 | 10.83 | 8.76 | 2.13 | 11.48 | 8.73 | 2.16 | 11.81 | 8.72 | 2.17 | 12.13 | 9.30 | 2.18 |
| | 15 | 8.57 | 7.40 | 1.83 | 9.55 | 7.45 | 1.86 | 9.87 | 8.09 | 1.87 | 10.52 | 8.12 | 1.88 | 10.85 | 8.77 | 1.89 | 11.50 | 8.74 | 1.91 | 11.82 | 8.72 | 1.92 | 12.15 | 9.30 | 1.93 |
| | 20 | 8.65 | 7.44 | 2.12 | 9.63 | 7.48 | 2.15 | 9.96 | 8.13 | 2.16 | 10.62 | 8.16 | 2.18 | 10.95 | 8.81 | 2.19 | 11.60 | 8.78 | 2.22 | 11.93 | 8.76 | 2.23 | 12.26 | 9.35 | 2.24 |
| | 25 | 9.06 | 7.63 | 3.03 | 10.10 | 7.67 | 3.08 | 10.44 | 8.34 | 3.09 | 11.13 | 8.37 | 3.12 | 11.47 | 9.04 | 3.14 | 12.16 | 9.00 | 3.17 | 12.51 | 8.99 | 3.19 | 12.85 | 9.59 | 3.20 |
| | 30 | 8.53 | 7.38 | 3.25 | 9.50 | 7.43 | 3.30 | 9.83 | 8.07 | 3.31 | 10.47 | 8.11 | 3.35 | 10.80 | 8.75 | 3.36 | 11.45 | 8.72 | 3.40 | 11.77 | 8.70 | 3.42 | 12.09 | 9.28 | 3.43 |
| | 35 | 7.98 | 7.13 | 3.45 | 8.89 | 7.18 | 3.51 | 9.19 | 7.80 | 3.53 | 9.80 | 7.83 | 3.58 | 10.10 | 8.45 | 3.58 | 10.71 | 8.42 | 3.58 | 11.01 | 8.41 | 3.58 | 11.31 | 8.97 | 3.58 |
| | 40 | 6.69 | 6.03 | 3.16 | 7.45 | 6.07 | 3.20 | 7.70 | 6.59 | 3.22 | 8.21 | 6.62 | 3.25 | 8.46 | 7.15 | 3.27 | 8.97 | 7.12 | 3.30 | 9.23 | 7.11 | 3.32 | 9.48 | 7.58 | 3.34 |
| | 46 | 4.36 | 4.36 | 2.35 | 4.86 | 4.55 | 2.39 | 5.03 | 4.94 | 2.40 | 5.36 | 4.96 | 2.43 | 5.52 | 5.35 | 2.44 | 5.85 | 5.33 | 2.46 | 6.02 | 5.32 | 2.48 | 6.18 | 5.68 | 2.49 |

* : The pattern including " AR∗G09L + AR∗G09L + AR∗G09L + AS∗G18L " can not be connected.

## ● Indoor unit : 9000Btu + 9000Btu + 12000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 9+9+12+12 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | 0 | 8.82 | 7.05 | 1.84 | 9.82 | 7.10 | 1.87 | 10.16 | 7.71 | 1.88 | 10.83 | 7.74 | 1.90 | 11.16 | 8.36 | 1.91 | 11.83 | 8.33 | 1.93 | 12.17 | 8.31 | 1.93 | 12.50 | 8.87 | 1.94 |
| | 5 | 8.51 | 6.92 | 2.00 | 9.48 | 6.96 | 2.03 | 9.80 | 7.57 | 2.04 | 10.45 | 7.60 | 2.06 | 10.77 | 8.20 | 2.07 | 11.42 | 8.17 | 2.09 | 11.74 | 8.15 | 2.10 | 12.07 | 8.70 | 2.11 |
| | 10 | 8.57 | 6.94 | 2.06 | 9.54 | 6.99 | 2.09 | 9.87 | 7.59 | 2.10 | 10.52 | 7.62 | 2.12 | 10.84 | 8.23 | 2.13 | 11.49 | 8.20 | 2.15 | 11.82 | 8.18 | 2.16 | 12.15 | 8.73 | 2.17 |
| | 15 | 8.66 | 6.98 | 1.83 | 9.64 | 7.03 | 1.86 | 9.97 | 7.63 | 1.87 | 10.63 | 7.66 | 1.89 | 10.96 | 8.27 | 1.90 | 11.61 | 8.24 | 1.91 | 11.94 | 8.23 | 1.92 | 12.27 | 8.78 | 1.93 |
| | 20 | 8.63 | 6.97 | 2.11 | 9.62 | 7.02 | 2.15 | 9.95 | 7.62 | 2.16 | 10.60 | 7.65 | 2.18 | 10.93 | 8.26 | 2.19 | 11.58 | 8.23 | 2.21 | 11.91 | 8.22 | 2.22 | 12.24 | 8.77 | 2.23 |
| | 25 | 9.13 | 7.19 | 2.99 | 10.17 | 7.23 | 3.04 | 10.52 | 7.86 | 3.05 | 11.21 | 7.89 | 3.08 | 11.56 | 8.52 | 3.10 | 12.25 | 8.49 | 3.13 | 12.60 | 8.47 | 3.14 | 12.94 | 9.04 | 3.16 |
| | 30 | 8.56 | 6.94 | 3.21 | 9.53 | 6.98 | 3.26 | 9.86 | 7.59 | 3.28 | 10.51 | 7.62 | 3.31 | 10.83 | 8.22 | 3.33 | 11.48 | 8.19 | 3.36 | 11.81 | 8.18 | 3.38 | 12.13 | 8.72 | 3.39 |
| | 35 | 7.98 | 6.69 | 3.45 | 8.89 | 6.73 | 3.51 | 9.19 | 7.31 | 3.53 | 9.80 | 7.34 | 3.58 | 10.10 | 7.92 | 3.58 | 10.71 | 7.89 | 3.58 | 11.01 | 7.88 | 3.58 | 11.31 | 8.41 | 3.58 |
| | 40 | 6.57 | 5.81 | 3.16 | 7.32 | 5.85 | 3.20 | 7.57 | 6.36 | 3.22 | 8.07 | 6.38 | 3.25 | 8.32 | 6.89 | 3.27 | 8.82 | 6.86 | 3.30 | 9.07 | 6.85 | 3.32 | 9.32 | 7.31 | 3.34 |
| | 46 | 4.30 | 4.30 | 2.35 | 4.79 | 4.45 | 2.39 | 4.96 | 4.84 | 2.40 | 5.28 | 4.86 | 2.43 | 5.45 | 5.24 | 2.44 | 5.77 | 5.22 | 2.46 | 5.94 | 5.21 | 2.48 | 6.10 | 5.56 | 2.49 |

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

## ● Indoor unit : 9000Btu + 9000Btu + 12000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 9+9+12+14 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | 0 | 8.79 | 7.14 | 1.91 | 9.79 | 7.18 | 1.93 | 10.12 | 7.80 | 1.94 | 10.79 | 7.83 | 1.96 | 11.12 | 8.46 | 1.97 | 11.79 | 8.43 | 1.99 | 12.12 | 8.41 | 2.00 | 12.46 | 8.97 | 2.01 |
| | 5 | 8.56 | 7.03 | 2.00 | 9.53 | 7.08 | 2.04 | 9.85 | 7.69 | 2.05 | 10.50 | 7.72 | 2.07 | 10.83 | 8.34 | 2.08 | 11.48 | 8.31 | 2.10 | 11.80 | 8.29 | 2.11 | 12.13 | 8.85 | 2.12 |
| | 10 | 8.56 | 7.04 | 2.06 | 9.53 | 7.08 | 2.09 | 9.86 | 7.70 | 2.10 | 10.51 | 7.73 | 2.12 | 10.83 | 8.34 | 2.13 | 11.48 | 8.31 | 2.16 | 11.81 | 8.29 | 2.17 | 12.13 | 8.85 | 2.18 |
| | 15 | 8.60 | 7.05 | 1.83 | 9.58 | 7.10 | 1.86 | 9.90 | 7.71 | 1.87 | 10.56 | 7.74 | 1.88 | 10.88 | 8.36 | 1.89 | 11.54 | 8.33 | 1.91 | 11.86 | 8.31 | 1.92 | 12.19 | 8.87 | 1.93 |
| | 20 | 8.64 | 7.07 | 2.12 | 9.63 | 7.12 | 2.15 | 9.96 | 7.74 | 2.16 | 10.61 | 7.77 | 2.18 | 10.94 | 8.38 | 2.19 | 11.60 | 8.35 | 2.21 | 11.92 | 8.34 | 2.23 | 12.25 | 8.89 | 2.24 |
| | 25 | 9.09 | 7.27 | 3.02 | 10.12 | 7.31 | 3.06 | 10.47 | 7.95 | 3.08 | 11.16 | 7.98 | 3.11 | 11.50 | 8.61 | 3.13 | 12.19 | 8.58 | 3.16 | 12.54 | 8.57 | 3.17 | 12.88 | 9.14 | 3.19 |
| | 30 | 8.54 | 7.03 | 3.23 | 9.51 | 7.07 | 3.29 | 9.84 | 7.69 | 3.30 | 10.49 | 7.72 | 3.34 | 10.81 | 8.33 | 3.35 | 11.46 | 8.30 | 3.39 | 11.78 | 8.28 | 3.40 | 12.11 | 8.84 | 3.42 |
| | 35 | 7.98 | 6.78 | 3.45 | 8.89 | 6.83 | 3.51 | 9.19 | 7.42 | 3.53 | 9.80 | 7.45 | 3.58 | 10.10 | 8.04 | 3.58 | 10.71 | 8.01 | 3.58 | 11.01 | 8.00 | 3.58 | 11.31 | 8.53 | 3.58 |
| | 40 | 6.65 | 5.96 | 3.16 | 7.41 | 6.00 | 3.20 | 7.66 | 6.52 | 3.22 | 8.16 | 6.54 | 3.25 | 8.42 | 7.06 | 3.27 | 8.92 | 7.04 | 3.30 | 9.17 | 7.02 | 3.32 | 9.43 | 7.49 | 3.34 |
| | 46 | 4.34 | 4.34 | 2.35 | 4.84 | 4.51 | 2.39 | 5.00 | 4.91 | 2.40 | 5.33 | 4.92 | 2.43 | 5.50 | 5.32 | 2.44 | 5.83 | 5.30 | 2.46 | 5.99 | 5.29 | 2.48 | 6.16 | 5.64 | 2.49 |

## ● Indoor unit* : 9000Btu + 9000Btu + 12000Btu + 18000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 9+9+12+18 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | 0 | 8.75 | 7.33 | 2.04 | 9.74 | 7.38 | 2.07 | 10.08 | 8.02 | 2.08 | 10.74 | 8.05 | 2.10 | 11.07 | 8.69 | 2.11 | 11.74 | 8.66 | 2.13 | 12.07 | 8.64 | 2.14 | 12.40 | 9.22 | 2.15 |
| | 5 | 8.69 | 7.31 | 2.02 | 9.68 | 7.35 | 2.05 | 10.01 | 7.99 | 2.06 | 10.67 | 8.02 | 2.08 | 11.00 | 8.66 | 2.09 | 11.66 | 8.63 | 2.11 | 11.99 | 8.61 | 2.12 | 12.33 | 9.19 | 2.14 |
| | 10 | 8.56 | 7.25 | 2.06 | 9.54 | 7.30 | 2.10 | 9.86 | 7.93 | 2.11 | 10.52 | 7.96 | 2.13 | 10.84 | 8.59 | 2.14 | 11.49 | 8.56 | 2.16 | 11.82 | 8.55 | 2.17 | 12.14 | 9.12 | 2.18 |
| | 15 | 8.48 | 7.21 | 1.83 | 9.44 | 7.26 | 1.85 | 9.77 | 7.89 | 1.86 | 10.41 | 7.92 | 1.88 | 10.73 | 8.55 | 1.89 | 11.38 | 8.52 | 1.91 | 11.70 | 8.50 | 1.92 | 12.02 | 9.07 | 1.93 |
| | 20 | 8.66 | 7.29 | 2.12 | 9.65 | 7.34 | 2.15 | 9.98 | 7.98 | 2.17 | 10.64 | 8.01 | 2.19 | 10.97 | 8.64 | 2.20 | 11.62 | 8.61 | 2.22 | 11.95 | 8.60 | 2.23 | 12.28 | 9.17 | 2.24 |
| | 25 | 9.00 | 7.44 | 3.07 | 10.02 | 7.49 | 3.12 | 10.36 | 8.14 | 3.13 | 11.05 | 8.17 | 3.17 | 11.39 | 8.82 | 3.18 | 12.07 | 8.78 | 3.21 | 12.41 | 8.77 | 3.23 | 12.75 | 9.35 | 3.25 |
| | 30 | 8.50 | 7.22 | 3.28 | 9.47 | 7.27 | 3.33 | 9.80 | 7.90 | 3.35 | 10.44 | 7.93 | 3.39 | 10.76 | 8.56 | 3.40 | 11.41 | 8.53 | 3.44 | 11.73 | 8.52 | 3.45 | 12.06 | 9.08 | 3.47 |
| | 35 | 7.98 | 6.99 | 3.45 | 8.89 | 7.04 | 3.51 | 9.19 | 7.65 | 3.53 | 9.80 | 7.68 | 3.58 | 10.10 | 8.29 | 3.58 | 10.71 | 8.26 | 3.58 | 11.01 | 8.24 | 3.58 | 11.31 | 8.80 | 3.58 |
| | 40 | 6.80 | 6.25 | 3.16 | 7.57 | 6.29 | 3.20 | 7.83 | 6.83 | 3.22 | 8.35 | 6.86 | 3.25 | 8.61 | 7.40 | 3.27 | 9.12 | 7.38 | 3.30 | 9.38 | 7.36 | 3.32 | 9.64 | 7.85 | 3.34 |
| | 46 | 4.42 | 4.42 | 2.35 | 4.93 | 4.64 | 2.39 | 5.09 | 5.04 | 2.40 | 5.43 | 5.06 | 2.43 | 5.60 | 5.47 | 2.44 | 5.93 | 5.45 | 2.46 | 6.10 | 5.44 | 2.48 | 6.27 | 5.80 | 2.49 |

* : The pattern including " AR∗G09L + AR∗G09L + AR∗G12L + AS∗G18L " can not be connected.

## ● Indoor unit : 9000Btu + 9000Btu + 14000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 9+9+14+14 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | 0 | 8.74 | 7.38 | 2.07 | 9.74 | 7.43 | 2.10 | 10.07 | 8.08 | 2.11 | 10.74 | 8.11 | 2.13 | 11.07 | 8.75 | 2.15 | 11.73 | 8.72 | 2.17 | 12.06 | 8.70 | 2.18 | 12.40 | 9.29 | 2.19 |
| | 5 | 8.74 | 7.38 | 2.02 | 9.73 | 7.43 | 2.06 | 10.07 | 8.07 | 2.07 | 10.73 | 8.11 | 2.09 | 11.06 | 8.75 | 2.10 | 11.73 | 8.72 | 2.12 | 12.06 | 8.70 | 2.13 | 12.39 | 9.28 | 2.14 |
| | 10 | 8.57 | 7.31 | 2.07 | 9.55 | 7.36 | 2.10 | 9.87 | 7.99 | 2.11 | 10.52 | 8.02 | 2.13 | 10.85 | 8.66 | 2.14 | 11.50 | 8.63 | 2.16 | 11.82 | 8.61 | 2.17 | 12.15 | 9.19 | 2.18 |
| | 15 | 8.45 | 7.25 | 1.82 | 9.41 | 7.30 | 1.85 | 9.73 | 7.93 | 1.86 | 10.37 | 7.97 | 1.88 | 10.69 | 8.60 | 1.89 | 11.33 | 8.57 | 1.91 | 11.65 | 8.55 | 1.92 | 11.97 | 9.12 | 1.93 |
| | 20 | 8.67 | 7.35 | 2.12 | 9.66 | 7.40 | 2.16 | 9.99 | 8.04 | 2.17 | 10.65 | 8.07 | 2.19 | 10.97 | 8.71 | 2.20 | 11.63 | 8.68 | 2.22 | 11.96 | 8.67 | 2.23 | 12.29 | 9.25 | 2.24 |
| | 25 | 8.97 | 7.49 | 3.08 | 9.99 | 7.53 | 3.13 | 10.34 | 8.19 | 3.15 | 11.02 | 8.22 | 3.18 | 11.36 | 8.87 | 3.20 | 12.04 | 8.84 | 3.23 | 12.38 | 8.82 | 3.24 | 12.72 | 9.41 | 3.26 |
| | 30 | 8.50 | 7.28 | 3.30 | 9.46 | 7.32 | 3.35 | 9.79 | 7.96 | 3.36 | 10.43 | 7.99 | 3.40 | 10.75 | 8.62 | 3.41 | 11.40 | 8.59 | 3.45 | 11.72 | 8.58 | 3.47 | 12.04 | 9.15 | 3.48 |
| | 35 | 7.98 | 7.05 | 3.45 | 8.89 | 7.10 | 3.51 | 9.19 | 7.71 | 3.53 | 9.80 | 7.74 | 3.58 | 10.10 | 8.36 | 3.58 | 10.71 | 8.33 | 3.58 | 11.01 | 8.31 | 3.58 | 11.31 | 8.87 | 3.58 |
| | 40 | 6.72 | 6.10 | 3.16 | 7.49 | 6.14 | 3.20 | 7.75 | 6.67 | 3.22 | 8.26 | 6.70 | 3.25 | 8.51 | 7.23 | 3.27 | 9.02 | 7.21 | 3.30 | 9.28 | 7.19 | 3.32 | 9.53 | 7.67 | 3.34 |
| | 46 | 4.38 | 4.38 | 2.35 | 4.88 | 4.58 | 2.39 | 5.05 | 4.97 | 2.40 | 5.38 | 4.99 | 2.43 | 5.55 | 5.39 | 2.44 | 5.88 | 5.37 | 2.46 | 6.05 | 5.36 | 2.48 | 6.21 | 5.72 | 2.49 |

## ● Indoor unit : 9000Btu + 12000Btu + 12000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 9+12+12+12 | (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| Outdoor temperature | 0 | 8.77 | 7.18 | 1.94 | 9.77 | 7.23 | 1.97 | 10.10 | 7.85 | 1.98 | 10.77 | 7.88 | 2.00 | 11.10 | 8.51 | 2.01 | 11.77 | 8.48 | 2.03 | 12.10 | 8.46 | 2.04 | 12.44 | 9.03 | 2.05 |
| | 5 | 8.58 | 7.10 | 2.01 | 9.56 | 7.14 | 2.04 | 9.89 | 7.76 | 2.05 | 10.54 | 7.79 | 2.07 | 10.87 | 8.41 | 2.08 | 11.52 | 8.38 | 2.10 | 11.84 | 8.37 | 2.11 | 12.17 | 8.92 | 2.12 |
| | 10 | 8.56 | 7.09 | 2.06 | 9.53 | 7.13 | 2.09 | 9.86 | 7.75 | 2.10 | 10.51 | 7.78 | 2.12 | 10.83 | 8.40 | 2.13 | 11.48 | 8.37 | 2.16 | 11.81 | 8.35 | 2.17 | 12.13 | 8.91 | 2.18 |
| | 15 | 8.57 | 7.09 | 1.83 | 9.55 | 7.14 | 1.86 | 9.87 | 7.76 | 1.87 | 10.52 | 7.79 | 1.88 | 10.85 | 8.40 | 1.89 | 11.50 | 8.37 | 1.91 | 11.82 | 8.36 | 1.92 | 12.15 | 8.92 | 1.93 |
| | 20 | 8.65 | 7.13 | 2.12 | 9.63 | 7.17 | 2.15 | 9.96 | 7.79 | 2.16 | 10.62 | 7.82 | 2.18 | 10.95 | 8.44 | 2.19 | 11.60 | 8.41 | 2.22 | 11.93 | 8.40 | 2.23 | 12.26 | 8.96 | 2.24 |
| | 25 | 9.06 | 7.31 | 3.03 | 10.10 | 7.35 | 3.08 | 10.44 | 7.99 | 3.09 | 11.13 | 8.02 | 3.12 | 11.47 | 8.66 | 3.14 | 12.16 | 8.63 | 3.17 | 12.51 | 8.61 | 3.19 | 12.85 | 9.19 | 3.20 |
| | 30 | 8.53 | 7.07 | 3.25 | 9.50 | 7.12 | 3.30 | 9.83 | 7.74 | 3.31 | 10.47 | 7.77 | 3.35 | 10.80 | 8.38 | 3.36 | 11.45 | 8.35 | 3.40 | 11.77 | 8.34 | 3.42 | 12.09 | 8.90 | 3.43 |
| | 35 | 7.98 | 6.83 | 3.45 | 8.89 | 6.88 | 3.51 | 9.19 | 7.47 | 3.53 | 9.80 | 7.50 | 3.58 | 10.10 | 8.10 | 3.58 | 10.71 | 8.07 | 3.58 | 11.01 | 8.06 | 3.58 | 11.31 | 8.59 | 3.58 |
| | 40 | 6.69 | 6.03 | 3.16 | 7.45 | 6.07 | 3.20 | 7.70 | 6.59 | 3.22 | 8.21 | 6.62 | 3.25 | 8.46 | 7.15 | 3.27 | 8.97 | 7.12 | 3.30 | 9.23 | 7.11 | 3.32 | 9.48 | 7.58 | 3.34 |
| | 46 | 4.36 | 4.36 | 2.35 | 4.86 | 4.55 | 2.39 | 5.03 | 4.94 | 2.40 | 5.36 | 4.96 | 2.43 | 5.52 | 5.35 | 2.44 | 5.85 | 5.33 | 2.46 | 6.02 | 5.32 | 2.48 | 6.18 | 5.68 | 2.49 |

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)



OUTDOOR UNIT
AO∗G30L4

## ● Indoor unit : 9000Btu + 12000Btu + 12000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 9+12+12+14 | Outdoor temperature (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | 0 | 8.75 | 7.28 | 2.00 | 9.75 | 7.32 | 2.04 | 10.08 | 7.96 | 2.05 | 10.75 | 7.99 | 2.07 | 11.08 | 8.63 | 2.08 | 11.75 | 8.59 | 2.10 | 12.08 | 8.58 | 2.11 | 12.41 | 9.15 | 2.12 |
| | 5 | 8.65 | 7.23 | 2.02 | 9.64 | 7.28 | 2.05 | 9.97 | 7.91 | 2.06 | 10.62 | 7.94 | 2.08 | 10.95 | 8.57 | 2.09 | 11.61 | 8.54 | 2.11 | 11.94 | 8.53 | 2.12 | 12.27 | 9.10 | 2.13 |
| | 10 | 8.56 | 7.19 | 2.06 | 9.54 | 7.24 | 2.09 | 9.86 | 7.87 | 2.11 | 10.51 | 7.90 | 2.13 | 10.84 | 8.53 | 2.14 | 11.49 | 8.49 | 2.16 | 11.81 | 8.48 | 2.17 | 12.14 | 9.05 | 2.18 |
| | 15 | 8.51 | 7.17 | 1.83 | 9.48 | 7.22 | 1.85 | 9.80 | 7.84 | 1.86 | 10.45 | 7.87 | 1.88 | 10.77 | 8.50 | 1.89 | 11.42 | 8.47 | 1.91 | 11.74 | 8.45 | 1.92 | 12.06 | 9.02 | 1.93 |
| | 20 | 8.66 | 7.24 | 2.12 | 9.64 | 7.28 | 2.15 | 9.97 | 7.91 | 2.16 | 10.63 | 7.94 | 2.19 | 10.96 | 8.58 | 2.20 | 11.62 | 8.54 | 2.22 | 11.95 | 8.53 | 2.23 | 12.27 | 9.10 | 2.24 |
| | 25 | 9.02 | 7.39 | 3.06 | 10.05 | 7.44 | 3.10 | 10.39 | 8.09 | 3.12 | 11.07 | 8.12 | 3.15 | 11.42 | 8.76 | 3.17 | 12.10 | 8.73 | 3.20 | 12.44 | 8.72 | 3.21 | 12.79 | 9.30 | 3.23 |
| | 30 | 8.51 | 7.17 | 3.27 | 9.48 | 7.22 | 3.32 | 9.81 | 7.84 | 3.34 | 10.45 | 7.87 | 3.37 | 10.78 | 8.50 | 3.39 | 11.42 | 8.47 | 3.42 | 11.75 | 8.45 | 3.44 | 12.07 | 9.02 | 3.46 |
| | 35 | 7.98 | 6.94 | 3.45 | 8.89 | 6.98 | 3.51 | 9.19 | 7.59 | 3.53 | 9.80 | 7.62 | 3.58 | 10.10 | 8.22 | 3.58 | 10.71 | 8.19 | 3.58 | 11.01 | 8.18 | 3.58 | 11.31 | 8.73 | 3.58 |
| | 40 | 6.76 | 6.17 | 3.16 | 7.53 | 6.21 | 3.20 | 7.79 | 6.75 | 3.22 | 8.30 | 6.78 | 3.25 | 8.56 | 7.32 | 3.27 | 9.07 | 7.29 | 3.30 | 9.33 | 7.28 | 3.32 | 9.59 | 7.76 | 3.34 |
| | 46 | 4.40 | 4.40 | 2.35 | 4.90 | 4.61 | 2.39 | 5.07 | 5.01 | 2.40 | 5.41 | 5.03 | 2.43 | 5.57 | 5.43 | 2.44 | 5.91 | 5.41 | 2.46 | 6.07 | 5.40 | 2.48 | 6.24 | 5.76 | 2.49 |

## ● Indoor unit : 9000Btu + 12000Btu + 14000Btu + 14000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 9+12+14+14 | Outdoor temperature (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | 0 | 8.74 | 7.38 | 2.07 | 9.74 | 7.43 | 2.10 | 10.07 | 8.08 | 2.11 | 10.74 | 8.11 | 2.13 | 11.07 | 8.75 | 2.15 | 11.73 | 8.72 | 2.17 | 12.06 | 8.70 | 2.18 | 12.40 | 9.29 | 2.19 |
| | 5 | 8.74 | 7.38 | 2.02 | 9.73 | 7.43 | 2.06 | 10.07 | 8.07 | 2.07 | 10.73 | 8.11 | 2.09 | 11.06 | 8.75 | 2.10 | 11.73 | 8.72 | 2.12 | 12.06 | 8.70 | 2.13 | 12.39 | 9.28 | 2.14 |
| | 10 | 8.57 | 7.31 | 2.07 | 9.55 | 7.36 | 2.10 | 9.87 | 7.99 | 2.11 | 10.52 | 8.02 | 2.13 | 10.85 | 8.66 | 2.14 | 11.50 | 8.63 | 2.16 | 11.82 | 8.61 | 2.17 | 12.15 | 9.19 | 2.18 |
| | 15 | 8.45 | 7.25 | 1.82 | 9.41 | 7.30 | 1.85 | 9.73 | 7.93 | 1.86 | 10.37 | 7.97 | 1.88 | 10.69 | 8.60 | 1.89 | 11.33 | 8.57 | 1.91 | 11.65 | 8.55 | 1.92 | 11.97 | 9.12 | 1.93 |
| | 20 | 8.67 | 7.35 | 2.12 | 9.66 | 7.40 | 2.16 | 9.99 | 8.04 | 2.17 | 10.65 | 8.07 | 2.19 | 10.97 | 8.71 | 2.20 | 11.63 | 8.68 | 2.22 | 11.96 | 8.67 | 2.23 | 12.29 | 9.25 | 2.24 |
| | 25 | 8.97 | 7.49 | 3.08 | 9.99 | 7.53 | 3.13 | 10.34 | 8.19 | 3.15 | 11.02 | 8.22 | 3.18 | 11.36 | 8.87 | 3.20 | 12.04 | 8.84 | 3.23 | 12.38 | 8.82 | 3.24 | 12.72 | 9.41 | 3.26 |
| | 30 | 8.50 | 7.28 | 3.30 | 9.46 | 7.32 | 3.35 | 9.79 | 7.96 | 3.36 | 10.43 | 7.99 | 3.40 | 10.75 | 8.62 | 3.41 | 11.40 | 8.59 | 3.45 | 11.72 | 8.58 | 3.47 | 12.04 | 9.15 | 3.48 |
| | 35 | 7.98 | 7.05 | 3.45 | 8.89 | 7.10 | 3.51 | 9.19 | 7.71 | 3.53 | 9.80 | 7.74 | 3.58 | 10.10 | 8.36 | 3.58 | 10.71 | 8.33 | 3.58 | 11.01 | 8.31 | 3.58 | 11.31 | 8.87 | 3.58 |
| | 40 | 6.84 | 6.32 | 3.16 | 7.62 | 6.36 | 3.20 | 7.88 | 6.91 | 3.22 | 8.40 | 6.94 | 3.25 | 8.66 | 7.49 | 3.27 | 9.17 | 7.46 | 3.30 | 9.43 | 7.45 | 3.32 | 9.69 | 7.95 | 3.34 |
| | 46 | 4.44 | 4.44 | 2.35 | 4.95 | 4.67 | 2.39 | 5.12 | 5.08 | 2.40 | 5.46 | 5.10 | 2.43 | 5.62 | 5.50 | 2.44 | 5.96 | 5.48 | 2.46 | 6.13 | 5.47 | 2.48 | 6.30 | 5.84 | 2.49 |

## ● Indoor unit : 12000Btu + 12000Btu + 12000Btu + 12000Btu

| | | Indoor temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | °CDB | 18°CDB | | | 21°CDB | | | 23°CDB | | | 25°CDB | | | 27°CDB | | | 29°CDB | | | 30°CDB | | | 32°CDB | | |
| | °CWB | 12°CWB | | | 15°CWB | | | 16°CWB | | | 18°CWB | | | 19°CWB | | | 21°CWB | | | 22°CWB | | | 23°CWB | | |
| 12+12+12+12 | Outdoor temperature (°CDB) | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP | TC | SHC | IP |
| | 0 | 8.75 | 7.21 | 2.04 | 9.74 | 7.26 | 2.07 | 10.08 | 7.89 | 2.08 | 10.74 | 7.92 | 2.10 | 11.07 | 8.55 | 2.11 | 11.74 | 8.52 | 2.13 | 12.07 | 8.50 | 2.14 | 12.40 | 9.07 | 2.15 |
| | 5 | 8.69 | 7.19 | 2.02 | 9.68 | 7.24 | 2.05 | 10.01 | 7.86 | 2.06 | 10.67 | 7.90 | 2.08 | 11.00 | 8.52 | 2.09 | 11.66 | 8.49 | 2.11 | 11.99 | 8.48 | 2.12 | 12.33 | 9.04 | 2.14 |
| | 10 | 8.56 | 7.14 | 2.06 | 9.54 | 7.18 | 2.10 | 9.86 | 7.80 | 2.11 | 10.52 | 7.83 | 2.13 | 10.84 | 8.46 | 2.14 | 11.49 | 8.43 | 2.16 | 11.82 | 8.41 | 2.17 | 12.14 | 8.97 | 2.18 |
| | 15 | 8.48 | 7.10 | 1.83 | 9.44 | 7.14 | 1.85 | 9.77 | 7.76 | 1.86 | 10.41 | 7.79 | 1.88 | 10.73 | 8.41 | 1.89 | 11.38 | 8.38 | 1.91 | 11.70 | 8.37 | 1.92 | 12.02 | 8.93 | 1.93 |
| | 20 | 8.66 | 7.18 | 2.12 | 9.65 | 7.22 | 2.15 | 9.98 | 7.85 | 2.17 | 10.64 | 7.88 | 2.19 | 10.97 | 8.51 | 2.20 | 11.62 | 8.48 | 2.22 | 11.95 | 8.46 | 2.23 | 12.28 | 9.03 | 2.24 |
| | 25 | 9.00 | 7.32 | 3.07 | 10.02 | 7.37 | 3.12 | 10.36 | 8.01 | 3.13 | 11.05 | 8.04 | 3.17 | 11.39 | 8.68 | 3.18 | 12.07 | 8.65 | 3.21 | 12.41 | 8.63 | 3.23 | 12.75 | 9.21 | 3.25 |
| | 30 | 8.50 | 7.11 | 3.28 | 9.47 | 7.16 | 3.33 | 9.80 | 7.78 | 3.35 | 10.44 | 7.81 | 3.39 | 10.76 | 8.43 | 3.40 | 11.41 | 8.40 | 3.44 | 11.73 | 8.38 | 3.45 | 12.06 | 8.94 | 3.47 |
| | 35 | 7.98 | 6.88 | 3.45 | 8.89 | 6.93 | 3.51 | 9.19 | 7.53 | 3.53 | 9.80 | 7.56 | 3.58 | 10.10 | 8.16 | 3.58 | 10.71 | 8.13 | 3.58 | 11.01 | 8.11 | 3.58 | 11.31 | 8.66 | 3.58 |
| | 40 | 6.80 | 6.25 | 3.16 | 7.57 | 6.29 | 3.20 | 7.83 | 6.83 | 3.22 | 8.35 | 6.86 | 3.25 | 8.61 | 7.40 | 3.27 | 9.12 | 7.38 | 3.30 | 9.38 | 7.36 | 3.32 | 9.64 | 7.85 | 3.34 |
| | 46 | 4.42 | 4.42 | 2.35 | 4.93 | 4.64 | 2.39 | 5.09 | 5.04 | 2.40 | 5.43 | 5.06 | 2.43 | 5.60 | 5.47 | 2.44 | 5.93 | 5.45 | 2.46 | 6.10 | 5.44 | 2.48 | 6.27 | 5.80 | 2.49 |

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO∗G30L4

# 5-3. HEATING CAPACITY

This table is created using the maximum capacity.

Note: 3 or more indoor units should be connected.

## ■ MODEL: AO∗G30L4

### ● Indoor unit : 7000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7 | Outdoor temperature | -10 | -11 | 2.46 | 1.26 | 2.40 | 1.29 | 2.34 | 1.31 | 2.28 | 1.34 | 2.23 | 1.37 |
| | | -5 | -7 | 2.67 | 1.24 | 2.60 | 1.26 | 2.54 | 1.29 | 2.48 | 1.31 | 2.41 | 1.34 |
| | | 0 | -2 | 2.74 | 1.12 | 2.67 | 1.14 | 2.61 | 1.16 | 2.54 | 1.19 | 2.48 | 1.21 |
| | | 5 | 3 | 3.19 | 1.16 | 3.11 | 1.19 | 3.04 | 1.21 | 2.96 | 1.24 | 2.88 | 1.26 |
| | | 7 | 6 | 3.47 | 1.20 | 3.38 | 1.23 | 3.30 | 1.25 | 3.22 | 1.28 | 3.14 | 1.30 |
| | | 10 | 8 | 3.62 | 1.22 | 3.53 | 1.25 | 3.45 | 1.28 | 3.36 | 1.30 | 3.28 | 1.33 |
| | | 15 | 10 | 3.64 | 1.24 | 3.55 | 1.26 | 3.47 | 1.29 | 3.38 | 1.31 | 3.29 | 1.34 |
| | | 20 | 15 | 3.60 | 1.08 | 3.52 | 1.10 | 3.43 | 1.13 | 3.35 | 1.15 | 3.26 | 1.17 |

### ● Indoor unit : 9000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9 | Outdoor temperature | -10 | -11 | 2.76 | 1.42 | 2.69 | 1.45 | 2.63 | 1.48 | 2.56 | 1.51 | 2.50 | 1.54 |
| | | -5 | -7 | 2.99 | 1.39 | 2.92 | 1.42 | 2.85 | 1.45 | 2.78 | 1.48 | 2.71 | 1.51 |
| | | 0 | -2 | 3.07 | 1.26 | 3.00 | 1.29 | 2.92 | 1.31 | 2.85 | 1.34 | 2.78 | 1.36 |
| | | 5 | 3 | 3.57 | 1.31 | 3.49 | 1.34 | 3.40 | 1.37 | 3.32 | 1.40 | 3.23 | 1.42 |
| | | 7 | 6 | 3.89 | 1.35 | 3.79 | 1.38 | 3.70 | 1.41 | 3.61 | 1.44 | 3.52 | 1.47 |
| | | 10 | 8 | 4.06 | 1.38 | 3.96 | 1.41 | 3.87 | 1.44 | 3.77 | 1.47 | 3.67 | 1.50 |
| | | 15 | 10 | 4.08 | 1.39 | 3.98 | 1.42 | 3.89 | 1.45 | 3.79 | 1.48 | 3.69 | 1.51 |
| | | 20 | 15 | 4.04 | 1.22 | 3.94 | 1.24 | 3.85 | 1.27 | 3.75 | 1.29 | 3.66 | 1.32 |

### ● Indoor unit : 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 12 | Outdoor temperature | -10 | -11 | 3.35 | 1.81 | 3.27 | 1.85 | 3.20 | 1.89 | 3.12 | 1.93 | 3.04 | 1.97 |
| | | -5 | -7 | 3.64 | 1.78 | 3.55 | 1.82 | 3.47 | 1.85 | 3.38 | 1.89 | 3.29 | 1.93 |
| | | 0 | -2 | 3.73 | 1.61 | 3.64 | 1.64 | 3.56 | 1.67 | 3.47 | 1.71 | 3.38 | 1.74 |
| | | 5 | 3 | 4.35 | 1.68 | 4.24 | 1.71 | 4.14 | 1.75 | 4.04 | 1.78 | 3.93 | 1.82 |
| | | 7 | 6 | 4.73 | 1.73 | 4.61 | 1.76 | 4.50 | 1.80 | 4.39 | 1.84 | 4.28 | 1.87 |
| | | 10 | 8 | 4.94 | 1.76 | 4.82 | 1.80 | 4.70 | 1.84 | 4.58 | 1.87 | 4.47 | 1.91 |
| | | 15 | 10 | 4.96 | 1.78 | 4.84 | 1.82 | 4.73 | 1.85 | 4.61 | 1.89 | 4.49 | 1.93 |
| | | 20 | 15 | 4.91 | 1.56 | 4.80 | 1.59 | 4.68 | 1.62 | 4.56 | 1.65 | 4.45 | 1.68 |

### ● Indoor unit : 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 14 | Outdoor temperature | -10 | -11 | 4.32 | 1.92 | 4.22 | 1.96 | 4.12 | 2.00 | 4.02 | 2.03 | 3.91 | 2.07 |
| | | -5 | -7 | 4.69 | 1.88 | 4.58 | 1.92 | 4.47 | 1.96 | 4.35 | 2.00 | 4.24 | 2.04 |
| | | 0 | -2 | 4.81 | 1.70 | 4.70 | 1.73 | 4.58 | 1.77 | 4.47 | 1.80 | 4.35 | 1.84 |
| | | 5 | 3 | 5.60 | 1.77 | 5.47 | 1.81 | 5.34 | 1.84 | 5.20 | 1.88 | 5.07 | 1.92 |
| | | 7 | 6 | 6.09 | 1.82 | 5.95 | 1.86 | 5.80 | 1.90 | 5.66 | 1.94 | 5.51 | 1.98 |
| | | 10 | 8 | 6.36 | 1.86 | 6.21 | 1.90 | 6.06 | 1.94 | 5.91 | 1.98 | 5.76 | 2.02 |
| | | 15 | 10 | 6.39 | 1.88 | 6.24 | 1.92 | 6.09 | 1.96 | 5.94 | 2.00 | 5.79 | 2.04 |
| | | 20 | 15 | 6.33 | 1.64 | 6.18 | 1.68 | 6.03 | 1.71 | 5.88 | 1.74 | 5.73 | 1.78 |

TC : Total Capacity (kW)
IP : Input Power (kW)



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Note: 3 or more indoor units should be connected.

## ● Indoor unit : 18000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 18 | Outdoor temperature | -10 | -11 | 5.29 | 2.48 | 5.17 | 2.53 | 5.04 | 2.58 | 4.91 | 2.63 | 4.79 | 2.69 |
| | | -5 | -7 | 5.74 | 2.43 | 5.60 | 2.48 | 5.47 | 2.53 | 5.33 | 2.58 | 5.19 | 2.64 |
| | | 0 | -2 | 5.89 | 2.20 | 5.75 | 2.24 | 5.61 | 2.29 | 5.47 | 2.33 | 5.33 | 2.38 |
| | | 5 | 3 | 6.86 | 2.29 | 6.70 | 2.34 | 6.53 | 2.39 | 6.37 | 2.43 | 6.21 | 2.48 |
| | | 7 | 6 | 7.46 | 2.36 | 7.28 | 2.41 | 7.10 | 2.46 | 6.92 | 2.51 | 6.75 | 2.56 |
| | | 10 | 8 | 7.79 | 2.41 | 7.60 | 2.46 | 7.42 | 2.51 | 7.23 | 2.56 | 7.05 | 2.61 |
| | | 15 | 10 | 7.83 | 2.43 | 7.64 | 2.48 | 7.46 | 2.53 | 7.27 | 2.58 | 7.08 | 2.64 |
| | | 20 | 15 | 7.75 | 2.13 | 7.57 | 2.17 | 7.38 | 2.21 | 7.20 | 2.30 | 7.01 | 2.30 |

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## ● Indoor unit : 24000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 24 | Outdoor temperature | -10 | -11 | 6.80 | 3.36 | 6.64 | 3.43 | 6.48 | 3.50 | 6.32 | 3.57 | 6.16 | 3.58 |
| | | -5 | -7 | 7.37 | 3.29 | 7.20 | 3.36 | 7.02 | 3.43 | 6.84 | 3.50 | 6.67 | 3.57 |
| | | 0 | -2 | 7.56 | 2.97 | 7.38 | 3.03 | 7.20 | 3.10 | 7.02 | 3.16 | 6.84 | 3.22 |
| | | 5 | 3 | 8.79 | 3.10 | 8.58 | 3.17 | 8.37 | 3.23 | 8.16 | 3.29 | 7.95 | 3.36 |
| | | 7 | 6 | 9.45 | 3.20 | 9.23 | 3.26 | 9.00 | 3.33 | 8.78 | 3.40 | 8.55 | 3.46 |
| | | 10 | 8 | 9.83 | 3.26 | 9.59 | 3.33 | 9.36 | 3.40 | 9.13 | 3.46 | 8.89 | 3.53 |
| | | 15 | 10 | 9.83 | 3.20 | 9.59 | 3.26 | 9.36 | 3.33 | 9.13 | 3.34 | 8.89 | 3.34 |
| | | 20 | 15 | 8.51 | 2.21 | 8.30 | 2.30 | 8.10 | 2.30 | 7.90 | 2.30 | 7.70 | 2.30 |

## ● Indoor unit : 7000Btu + 7000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7 | Outdoor temperature | -10 | -11 | 4.40 | 1.81 | 4.29 | 1.85 | 4.19 | 1.89 | 4.08 | 1.93 | 3.98 | 1.97 |
| | | -5 | -7 | 4.77 | 1.78 | 4.66 | 1.82 | 4.54 | 1.85 | 4.43 | 1.89 | 4.32 | 1.93 |
| | | 0 | -2 | 4.89 | 1.61 | 4.78 | 1.64 | 4.66 | 1.67 | 4.54 | 1.71 | 4.43 | 1.74 |
| | | 5 | 3 | 5.70 | 1.68 | 5.56 | 1.71 | 5.43 | 1.75 | 5.29 | 1.78 | 5.16 | 1.82 |
| | | 7 | 6 | 6.20 | 1.73 | 6.05 | 1.76 | 5.90 | 1.80 | 5.75 | 1.84 | 5.61 | 1.87 |
| | | 10 | 8 | 6.47 | 1.76 | 6.32 | 1.80 | 6.17 | 1.84 | 6.01 | 1.87 | 5.86 | 1.91 |
| | | 15 | 10 | 6.50 | 1.78 | 6.35 | 1.82 | 6.20 | 1.85 | 6.04 | 1.89 | 5.89 | 1.93 |
| | | 20 | 15 | 6.44 | 1.56 | 6.29 | 1.59 | 6.14 | 1.62 | 5.98 | 1.65 | 5.83 | 1.68 |

## ● Indoor unit : 7000Btu + 9000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+9 | Outdoor temperature | -10 | -11 | 5.37 | 2.52 | 5.24 | 2.57 | 5.11 | 2.63 | 4.98 | 2.68 | 4.86 | 2.73 |
| | | -5 | -7 | 5.82 | 2.47 | 5.68 | 2.52 | 5.54 | 2.58 | 5.41 | 2.63 | 5.27 | 2.68 |
| | | 0 | -2 | 5.97 | 2.23 | 5.83 | 2.28 | 5.69 | 2.33 | 5.55 | 2.37 | 5.40 | 2.42 |
| | | 5 | 3 | 6.96 | 2.33 | 6.79 | 2.38 | 6.62 | 2.43 | 6.46 | 2.47 | 6.29 | 2.52 |
| | | 7 | 6 | 7.56 | 2.40 | 7.38 | 2.45 | 7.20 | 2.50 | 7.02 | 2.55 | 6.84 | 2.60 |
| | | 10 | 8 | 7.90 | 2.45 | 7.71 | 2.50 | 7.52 | 2.55 | 7.34 | 2.60 | 7.15 | 2.65 |
| | | 15 | 10 | 7.94 | 2.47 | 7.75 | 2.52 | 7.56 | 2.58 | 7.37 | 2.63 | 7.18 | 2.68 |
| | | 20 | 15 | 7.86 | 2.21 | 7.68 | 2.30 | 7.49 | 2.30 | 7.30 | 2.30 | 7.11 | 2.30 |

TC : Total Capacity (kW)
IP : Input Power (kW)

Note: 3 or more indoor units should be connected.

## ● Indoor unit : 7000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+12 | Outdoor temperature | -10 | -11 | 5.44 | 2.47 | 5.31 | 2.52 | 5.18 | 2.57 | 5.05 | 2.62 | 4.92 | 2.68 |
| | | -5 | -7 | 5.90 | 2.42 | 5.76 | 2.47 | 5.62 | 2.52 | 5.48 | 2.57 | 5.34 | 2.62 |
| | | 0 | -2 | 6.05 | 2.19 | 5.90 | 2.23 | 5.76 | 2.28 | 5.62 | 2.32 | 5.47 | 2.37 |
| | | 5 | 3 | 7.03 | 2.28 | 6.86 | 2.33 | 6.70 | 2.38 | 6.53 | 2.42 | 6.36 | 2.47 |
| | | 7 | 6 | 7.56 | 2.35 | 7.38 | 2.40 | 7.20 | 2.45 | 7.02 | 2.50 | 6.84 | 2.55 |
| | | 10 | 8 | 7.86 | 2.40 | 7.68 | 2.45 | 7.49 | 2.50 | 7.30 | 2.55 | 7.11 | 2.60 |
| | | 15 | 10 | 7.86 | 2.35 | 7.68 | 2.40 | 7.49 | 2.45 | 7.30 | 2.50 | 7.11 | 2.55 |
| | | 20 | 15 | 6.80 | 1.88 | 6.64 | 1.92 | 6.48 | 1.96 | 6.32 | 2.00 | 6.16 | 2.04 |



## ● Indoor unit : 7000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+14 | Outdoor temperature | -10 | -11 | 6.58 | 2.90 | 6.42 | 2.96 | 6.26 | 3.02 | 6.11 | 3.08 | 5.95 | 3.14 |
| | | -5 | -7 | 7.13 | 2.85 | 6.96 | 2.91 | 6.79 | 2.97 | 6.62 | 3.03 | 6.45 | 3.09 |
| | | 0 | -2 | 7.31 | 2.57 | 7.13 | 2.62 | 6.96 | 2.68 | 6.79 | 2.73 | 6.61 | 2.79 |
| | | 5 | 3 | 8.50 | 2.68 | 8.29 | 2.74 | 8.09 | 2.79 | 7.89 | 2.85 | 7.69 | 2.91 |
| | | 7 | 6 | 9.14 | 2.76 | 8.92 | 2.82 | 8.70 | 2.88 | 8.48 | 2.94 | 8.27 | 3.00 |
| | | 10 | 8 | 9.50 | 2.82 | 9.27 | 2.88 | 9.05 | 2.94 | 8.82 | 3.00 | 8.60 | 3.06 |
| | | 15 | 10 | 9.50 | 2.76 | 9.27 | 2.82 | 9.05 | 2.88 | 8.82 | 2.94 | 8.60 | 3.00 |
| | | 20 | 15 | 8.22 | 2.21 | 8.03 | 2.30 | 7.83 | 2.30 | 7.63 | 2.30 | 7.44 | 2.30 |

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## ● Indoor unit : 7000Btu + 18000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+18 | Outdoor temperature | -10 | -11 | 6.71 | 2.76 | 6.55 | 2.82 | 6.39 | 2.88 | 6.23 | 2.94 | 6.07 | 3.00 |
| | | -5 | -7 | 7.40 | 2.85 | 7.23 | 2.91 | 7.05 | 2.97 | 6.87 | 3.03 | 6.70 | 3.09 |
| | | 0 | -2 | 8.29 | 2.79 | 8.09 | 2.85 | 7.90 | 2.91 | 7.70 | 2.97 | 7.50 | 3.03 |
| | | 5 | 3 | 9.18 | 2.88 | 8.96 | 2.94 | 8.74 | 3.00 | 8.52 | 3.06 | 8.30 | 3.12 |
| | | 7 | 6 | 9.87 | 2.88 | 9.64 | 2.94 | 9.40 | 3.00 | 9.17 | 3.06 | 8.93 | 3.12 |
| | | 10 | 8 | 10.26 | 2.88 | 10.02 | 2.94 | 9.78 | 3.00 | 9.53 | 3.06 | 9.29 | 3.12 |
| | | 15 | 10 | 10.26 | 2.68 | 10.02 | 2.73 | 9.78 | 2.79 | 9.53 | 2.85 | 9.29 | 2.90 |
| | | 20 | 15 | 8.88 | 1.87 | 8.67 | 1.91 | 8.46 | 1.95 | 8.25 | 1.99 | 8.04 | 2.03 |

## ● Indoor unit : 7000Btu + 24000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+24 | Outdoor temperature | -10 | -11 | 7.53 | 3.19 | 7.35 | 3.26 | 7.17 | 3.33 | 6.99 | 3.39 | 6.81 | 3.46 |
| | | -5 | -7 | 8.31 | 3.29 | 8.12 | 3.36 | 7.92 | 3.43 | 7.72 | 3.50 | 7.52 | 3.57 |
| | | 0 | -2 | 9.44 | 3.36 | 9.21 | 3.43 | 8.99 | 3.50 | 8.76 | 3.57 | 8.54 | 3.58 |
| | | 5 | 3 | 10.45 | 3.36 | 10.20 | 3.43 | 9.95 | 3.50 | 9.70 | 3.58 | 9.45 | 3.58 |
| | | 7 | 6 | 11.24 | 3.36 | 10.97 | 3.43 | 10.70 | 3.50 | 10.43 | 3.58 | 10.17 | 3.58 |
| | | 10 | 8 | 11.68 | 3.36 | 11.41 | 3.43 | 11.13 | 3.50 | 10.85 | 3.58 | 10.57 | 3.58 |
| | | 15 | 10 | 11.63 | 3.12 | 11.35 | 3.19 | 11.07 | 3.26 | 10.80 | 3.32 | 10.52 | 3.34 |
| | | 20 | 15 | 9.89 | 2.21 | 9.65 | 2.30 | 9.42 | 2.30 | 9.18 | 2.30 | 8.95 | 2.30 |

TC : Total Capacity (kW)
IP : Input Power (kW)

Note: 3 or more indoor units should be connected.

## ● Indoor unit : 9000Btu + 9000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+9 | Outdoor temperature | -10 | -11 | 5.52 | 2.52 | 5.39 | 2.57 | 5.25 | 2.63 | 5.12 | 2.68 | 4.99 | 2.73 |
| | | -5 | -7 | 5.98 | 2.47 | 5.84 | 2.52 | 5.70 | 2.58 | 5.56 | 2.63 | 5.41 | 2.68 |
| | | 0 | -2 | 6.14 | 2.23 | 5.99 | 2.28 | 5.85 | 2.33 | 5.70 | 2.37 | 5.55 | 2.42 |
| | | 5 | 3 | 7.15 | 2.33 | 6.98 | 2.38 | 6.81 | 2.43 | 6.64 | 2.47 | 6.47 | 2.52 |
| | | 7 | 6 | 7.77 | 2.40 | 7.59 | 2.45 | 7.40 | 2.50 | 7.22 | 2.55 | 7.03 | 2.60 |
| | | 10 | 8 | 8.12 | 2.45 | 7.93 | 2.50 | 7.73 | 2.55 | 7.54 | 2.60 | 7.35 | 2.65 |
| | | 15 | 10 | 8.16 | 2.47 | 7.96 | 2.52 | 7.77 | 2.58 | 7.58 | 2.63 | 7.38 | 2.68 |
| | | 20 | 15 | 8.08 | 2.21 | 7.89 | 2.30 | 7.70 | 2.30 | 7.50 | 2.30 | 7.31 | 2.30 |

## ● Indoor unit : 9000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+12 | Outdoor temperature | -10 | -11 | 6.27 | 3.10 | 6.13 | 3.17 | 5.98 | 3.23 | 5.83 | 3.30 | 5.68 | 3.36 |
| | | -5 | -7 | 6.80 | 3.05 | 6.64 | 3.11 | 6.47 | 3.17 | 6.31 | 3.24 | 6.15 | 3.30 |
| | | 0 | -2 | 6.97 | 2.75 | 6.81 | 2.81 | 6.64 | 2.86 | 6.47 | 2.92 | 6.31 | 2.98 |
| | | 5 | 3 | 8.10 | 2.87 | 7.91 | 2.93 | 7.72 | 2.99 | 7.53 | 3.05 | 7.33 | 3.11 |
| | | 7 | 6 | 8.72 | 2.96 | 8.51 | 3.02 | 8.30 | 3.08 | 8.09 | 3.14 | 7.89 | 3.20 |
| | | 10 | 8 | 9.06 | 3.02 | 8.85 | 3.08 | 8.63 | 3.14 | 8.42 | 3.20 | 8.20 | 3.27 |
| | | 15 | 10 | 9.06 | 2.96 | 8.85 | 3.02 | 8.63 | 3.08 | 8.42 | 3.14 | 8.20 | 3.20 |
| | | 20 | 15 | 7.84 | 2.21 | 7.66 | 2.30 | 7.47 | 2.30 | 7.28 | 2.30 | 7.10 | 2.30 |

## ● Indoor unit : 9000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+14 | Outdoor temperature | -10 | -11 | 7.03 | 3.33 | 6.86 | 3.40 | 6.70 | 3.47 | 6.53 | 3.53 | 6.36 | 3.58 |
| | | -5 | -7 | 7.62 | 3.26 | 7.44 | 3.33 | 7.25 | 3.40 | 7.07 | 3.47 | 6.89 | 3.53 |
| | | 0 | -2 | 7.81 | 2.95 | 7.63 | 3.01 | 7.44 | 3.07 | 7.25 | 3.13 | 7.07 | 3.19 |
| | | 5 | 3 | 9.08 | 3.07 | 8.87 | 3.14 | 8.65 | 3.20 | 8.43 | 3.27 | 8.22 | 3.33 |
| | | 7 | 6 | 9.77 | 3.17 | 9.53 | 3.23 | 9.30 | 3.30 | 9.07 | 3.37 | 8.84 | 3.43 |
| | | 10 | 8 | 10.16 | 3.23 | 9.91 | 3.30 | 9.67 | 3.37 | 9.43 | 3.43 | 9.19 | 3.50 |
| | | 15 | 10 | 10.16 | 3.17 | 9.91 | 3.23 | 9.67 | 3.30 | 9.43 | 3.34 | 9.19 | 3.34 |
| | | 20 | 15 | 8.79 | 2.21 | 8.58 | 2.30 | 8.37 | 2.30 | 8.16 | 2.30 | 7.95 | 2.30 |

## ● Indoor unit : 9000Btu + 18000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+18 | Outdoor temperature | -10 | -11 | 7.21 | 3.13 | 7.04 | 3.20 | 6.87 | 3.26 | 6.70 | 3.33 | 6.52 | 3.39 |
| | | -5 | -7 | 7.95 | 3.23 | 7.76 | 3.30 | 7.58 | 3.37 | 7.39 | 3.43 | 7.20 | 3.50 |
| | | 0 | -2 | 8.91 | 3.17 | 8.70 | 3.23 | 8.48 | 3.30 | 8.27 | 3.36 | 8.06 | 3.43 |
| | | 5 | 3 | 9.86 | 3.26 | 9.63 | 3.33 | 9.39 | 3.40 | 9.16 | 3.47 | 8.92 | 3.54 |
| | | 7 | 6 | 10.61 | 3.26 | 10.35 | 3.33 | 10.10 | 3.40 | 9.85 | 3.47 | 9.60 | 3.54 |
| | | 10 | 8 | 11.03 | 3.26 | 10.77 | 3.33 | 10.50 | 3.40 | 10.24 | 3.47 | 9.98 | 3.54 |
| | | 15 | 10 | 11.03 | 3.04 | 10.77 | 3.10 | 10.50 | 3.16 | 10.24 | 3.23 | 9.98 | 3.29 |
| | | 20 | 15 | 9.54 | 2.12 | 9.32 | 2.17 | 9.09 | 2.21 | 8.86 | 2.30 | 8.64 | 2.30 |

TC : Total Capacity (kW)
IP : Input Power (kW)



OUTDOOR UNIT
AO∗G30L4

Note: 3 or more indoor units should be connected.

## ● Indoor unit : 9000Btu + 24000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+24 | Outdoor temperature | -10 | -11 | 7.74 | 3.19 | 7.55 | 3.26 | 7.37 | 3.33 | 7.19 | 3.39 | 7.00 | 3.46 |
| | | -5 | -7 | 8.55 | 3.29 | 8.34 | 3.36 | 8.14 | 3.43 | 7.94 | 3.50 | 7.73 | 3.57 |
| | | 0 | -2 | 9.70 | 3.36 | 9.47 | 3.43 | 9.24 | 3.50 | 9.01 | 3.57 | 8.78 | 3.58 |
| | | 5 | 3 | 10.74 | 3.36 | 10.49 | 3.43 | 10.23 | 3.50 | 9.97 | 3.58 | 9.72 | 3.58 |
| | | 7 | 6 | 11.55 | 3.36 | 11.28 | 3.43 | 11.00 | 3.50 | 10.73 | 3.58 | 10.45 | 3.58 |
| | | 10 | 8 | 12.01 | 3.36 | 11.73 | 3.43 | 11.44 | 3.50 | 11.15 | 3.58 | 10.87 | 3.58 |
| | | 15 | 10 | 11.95 | 3.12 | 11.67 | 3.19 | 11.39 | 3.26 | 11.10 | 3.32 | 10.82 | 3.34 |
| | | 20 | 15 | 10.16 | 2.21 | 9.92 | 2.30 | 9.68 | 2.30 | 9.44 | 2.30 | 9.20 | 2.30 |

## ● Indoor unit : 12000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 12+12 | Outdoor temperature | -10 | -11 | 6.65 | 3.33 | 6.49 | 3.40 | 6.34 | 3.47 | 6.18 | 3.53 | 6.02 | 3.58 |
| | | -5 | -7 | 7.21 | 3.26 | 7.04 | 3.33 | 6.86 | 3.40 | 6.69 | 3.47 | 6.52 | 3.53 |
| | | 0 | -2 | 7.39 | 2.95 | 7.22 | 3.01 | 7.04 | 3.07 | 6.86 | 3.13 | 6.69 | 3.19 |
| | | 5 | 3 | 8.59 | 3.07 | 8.39 | 3.14 | 8.18 | 3.20 | 7.98 | 3.27 | 7.77 | 3.33 |
| | | 7 | 6 | 9.24 | 3.17 | 9.02 | 3.23 | 8.80 | 3.30 | 8.58 | 3.37 | 8.36 | 3.43 |
| | | 10 | 8 | 9.61 | 3.23 | 9.38 | 3.30 | 9.15 | 3.37 | 8.92 | 3.43 | 8.69 | 3.50 |
| | | 15 | 10 | 9.61 | 3.17 | 9.38 | 3.23 | 9.15 | 3.30 | 8.92 | 3.34 | 8.69 | 3.34 |
| | | 20 | 15 | 8.32 | 2.21 | 8.12 | 2.30 | 7.92 | 2.30 | 7.72 | 2.30 | 7.52 | 2.30 |

## ● Indoor unit : 12000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 12+14 | Outdoor temperature | -10 | -11 | 7.00 | 3.23 | 6.83 | 3.29 | 6.66 | 3.36 | 6.50 | 3.43 | 6.33 | 3.49 |
| | | -5 | -7 | 7.72 | 3.33 | 7.53 | 3.40 | 7.35 | 3.47 | 7.17 | 3.53 | 6.98 | 3.58 |
| | | 0 | -2 | 8.64 | 3.26 | 8.44 | 3.33 | 8.23 | 3.40 | 8.03 | 3.46 | 7.82 | 3.53 |
| | | 5 | 3 | 9.57 | 3.36 | 9.34 | 3.43 | 9.11 | 3.50 | 8.89 | 3.58 | 8.66 | 3.58 |
| | | 7 | 6 | 10.29 | 3.36 | 10.05 | 3.43 | 9.80 | 3.50 | 9.56 | 3.58 | 9.31 | 3.58 |
| | | 10 | 8 | 10.70 | 3.36 | 10.45 | 3.43 | 10.19 | 3.50 | 9.94 | 3.58 | 9.68 | 3.58 |
| | | 15 | 10 | 10.70 | 3.12 | 10.45 | 3.19 | 10.19 | 3.26 | 9.94 | 3.32 | 9.68 | 3.34 |
| | | 20 | 15 | 9.26 | 2.21 | 9.04 | 2.30 | 8.82 | 2.30 | 8.60 | 2.30 | 8.38 | 2.30 |

## ● Indoor unit : 12000Btu + 18000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 12+18 | Outdoor temperature | -10 | -11 | 7.35 | 3.23 | 7.18 | 3.29 | 7.00 | 3.36 | 6.83 | 3.43 | 6.65 | 3.49 |
| | | -5 | -7 | 8.11 | 3.33 | 7.92 | 3.40 | 7.73 | 3.47 | 7.53 | 3.53 | 7.34 | 3.58 |
| | | 0 | -2 | 9.08 | 3.26 | 8.87 | 3.33 | 8.65 | 3.40 | 8.44 | 3.46 | 8.22 | 3.53 |
| | | 5 | 3 | 10.06 | 3.36 | 9.82 | 3.43 | 9.58 | 3.50 | 9.34 | 3.58 | 9.10 | 3.58 |
| | | 7 | 6 | 10.82 | 3.36 | 10.56 | 3.43 | 10.30 | 3.50 | 10.04 | 3.58 | 9.79 | 3.58 |
| | | 10 | 8 | 11.25 | 3.36 | 10.98 | 3.43 | 10.71 | 3.50 | 10.44 | 3.58 | 10.18 | 3.58 |
| | | 15 | 10 | 11.25 | 3.12 | 10.98 | 3.19 | 10.71 | 3.26 | 10.44 | 3.32 | 10.18 | 3.34 |
| | | 20 | 15 | 9.73 | 2.21 | 9.50 | 2.30 | 9.27 | 2.30 | 9.04 | 2.30 | 8.81 | 2.30 |

TC : Total Capacity (kW)
IP : Input Power (kW)



OUTDOOR UNIT
AO∗G30L4

Note: 3 or more indoor units should be connected.

## ● Indoor unit : 12000Btu + 24000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 12+24 | Outdoor temperature | -10 | -11 | 7.74 | 3.19 | 7.55 | 3.26 | 7.37 | 3.33 | 7.19 | 3.39 | 7.00 | 3.46 |
| | | -5 | -7 | 8.55 | 3.29 | 8.34 | 3.36 | 8.14 | 3.43 | 7.94 | 3.50 | 7.73 | 3.57 |
| | | 0 | -2 | 9.70 | 3.36 | 9.47 | 3.43 | 9.24 | 3.50 | 9.01 | 3.57 | 8.78 | 3.58 |
| | | 5 | 3 | 10.74 | 3.36 | 10.49 | 3.43 | 10.23 | 3.50 | 9.97 | 3.58 | 9.72 | 3.58 |
| | | 7 | 6 | 11.55 | 3.36 | 11.28 | 3.43 | 11.00 | 3.50 | 10.73 | 3.58 | 10.45 | 3.58 |
| | | 10 | 8 | 12.01 | 3.36 | 11.73 | 3.43 | 11.44 | 3.50 | 11.15 | 3.58 | 10.87 | 3.58 |
| | | 15 | 10 | 11.95 | 3.12 | 11.67 | 3.19 | 11.39 | 3.26 | 11.10 | 3.32 | 10.82 | 3.34 |
| | | 20 | 15 | 10.16 | 2.21 | 9.92 | 2.30 | 9.68 | 2.30 | 9.44 | 2.30 | 9.20 | 2.30 |

## ● Indoor unit : 14000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 14+14 | Outdoor temperature | -10 | -11 | 7.35 | 3.23 | 7.18 | 3.29 | 7.00 | 3.36 | 6.83 | 3.43 | 6.65 | 3.49 |
| | | -5 | -7 | 8.11 | 3.33 | 7.92 | 3.40 | 7.73 | 3.47 | 7.53 | 3.53 | 7.34 | 3.58 |
| | | 0 | -2 | 9.08 | 3.26 | 8.87 | 3.33 | 8.65 | 3.40 | 8.44 | 3.46 | 8.22 | 3.53 |
| | | 5 | 3 | 10.06 | 3.36 | 9.82 | 3.43 | 9.58 | 3.50 | 9.34 | 3.58 | 9.10 | 3.58 |
| | | 7 | 6 | 10.82 | 3.36 | 10.56 | 3.43 | 10.30 | 3.50 | 10.04 | 3.58 | 9.79 | 3.58 |
| | | 10 | 8 | 11.25 | 3.36 | 10.98 | 3.43 | 10.71 | 3.50 | 10.44 | 3.58 | 10.18 | 3.58 |
| | | 15 | 10 | 11.25 | 3.12 | 10.98 | 3.19 | 10.71 | 3.26 | 10.44 | 3.32 | 10.18 | 3.34 |
| | | 20 | 15 | 9.73 | 2.21 | 9.50 | 2.30 | 9.27 | 2.30 | 9.04 | 2.30 | 8.81 | 2.30 |

## ● Indoor unit : 14000Btu + 18000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 14+18 | Outdoor temperature | -10 | -11 | 7.81 | 3.19 | 7.62 | 3.26 | 7.44 | 3.33 | 7.25 | 3.39 | 7.07 | 3.46 |
| | | -5 | -7 | 8.62 | 3.29 | 8.42 | 3.36 | 8.21 | 3.43 | 8.01 | 3.50 | 7.80 | 3.57 |
| | | 0 | -2 | 9.79 | 3.36 | 9.56 | 3.43 | 9.32 | 3.50 | 9.09 | 3.57 | 8.86 | 3.58 |
| | | 5 | 3 | 10.84 | 3.36 | 10.58 | 3.43 | 10.32 | 3.50 | 10.06 | 3.58 | 9.81 | 3.58 |
| | | 7 | 6 | 11.66 | 3.36 | 11.38 | 3.43 | 11.10 | 3.50 | 10.82 | 3.58 | 10.55 | 3.58 |
| | | 10 | 8 | 12.12 | 3.36 | 11.83 | 3.43 | 11.54 | 3.50 | 11.26 | 3.58 | 10.97 | 3.58 |
| | | 15 | 10 | 12.06 | 3.12 | 11.78 | 3.19 | 11.49 | 3.26 | 11.20 | 3.32 | 10.91 | 3.34 |
| | | 20 | 15 | 10.26 | 2.21 | 10.01 | 2.30 | 9.77 | 2.30 | 9.52 | 2.30 | 9.28 | 2.30 |

## ● Indoor unit : 14000Btu + 24000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 14+24 | Outdoor temperature | -10 | -11 | 7.73 | 3.06 | 7.54 | 3.12 | 7.36 | 3.19 | 7.18 | 3.25 | 6.99 | 3.31 |
| | | -5 | -7 | 8.69 | 3.19 | 8.49 | 3.26 | 8.28 | 3.33 | 8.07 | 3.39 | 7.87 | 3.46 |
| | | 0 | -2 | 10.02 | 3.36 | 9.78 | 3.43 | 9.55 | 3.50 | 9.31 | 3.57 | 9.07 | 3.58 |
| | | 5 | 3 | 11.29 | 3.36 | 11.02 | 3.43 | 10.75 | 3.50 | 10.48 | 3.58 | 10.21 | 3.58 |
| | | 7 | 6 | 12.08 | 3.36 | 11.79 | 3.43 | 11.50 | 3.50 | 11.21 | 3.58 | 10.93 | 3.58 |
| | | 10 | 8 | 12.56 | 3.36 | 12.26 | 3.43 | 11.96 | 3.50 | 11.66 | 3.58 | 11.36 | 3.58 |
| | | 15 | 10 | 12.50 | 3.12 | 12.20 | 3.19 | 11.90 | 3.26 | 11.60 | 3.32 | 11.31 | 3.34 |
| | | 20 | 15 | 10.63 | 2.21 | 10.37 | 2.30 | 10.12 | 2.30 | 9.87 | 2.30 | 9.61 | 2.30 |

TC : Total Capacity (kW)
IP : Input Power (kW)



OUTDOOR UNIT
AO∗G30L4

Note: 3 or more indoor units should be connected.

## ● Indoor unit : 18000Btu + 18000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 18+18 | Outdoor temperature | -10 | -11 | 8.09 | 3.19 | 7.90 | 3.26 | 7.71 | 3.33 | 7.51 | 3.39 | 7.32 | 3.46 |
| | | -5 | -7 | 8.94 | 3.29 | 8.72 | 3.36 | 8.51 | 3.43 | 8.30 | 3.50 | 8.08 | 3.57 |
| | | 0 | -2 | 10.14 | 3.36 | 9.90 | 3.43 | 9.66 | 3.50 | 9.42 | 3.57 | 9.18 | 3.58 |
| | | 5 | 3 | 11.23 | 3.36 | 10.96 | 3.43 | 10.70 | 3.50 | 10.43 | 3.58 | 10.16 | 3.58 |
| | | 7 | 6 | 12.08 | 3.36 | 11.79 | 3.43 | 11.50 | 3.50 | 11.21 | 3.58 | 10.93 | 3.58 |
| | | 10 | 8 | 12.56 | 3.36 | 12.26 | 3.43 | 11.96 | 3.50 | 11.66 | 3.58 | 11.36 | 3.58 |
| | | 15 | 10 | 12.50 | 3.12 | 12.20 | 3.19 | 11.90 | 3.26 | 11.60 | 3.32 | 11.31 | 3.34 |
| | | 20 | 15 | 10.63 | 2.21 | 10.37 | 2.30 | 10.12 | 2.30 | 9.87 | 2.30 | 9.61 | 2.30 |

## ● Indoor unit : 18000Btu + 24000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 18+24 | Outdoor temperature | -10 | -11 | 7.80 | 3.06 | 7.61 | 3.12 | 7.42 | 3.19 | 7.24 | 3.25 | 7.05 | 3.31 |
| | | -5 | -7 | 8.77 | 3.19 | 8.56 | 3.26 | 8.35 | 3.33 | 8.14 | 3.39 | 7.93 | 3.46 |
| | | 0 | -2 | 10.11 | 3.36 | 9.87 | 3.43 | 9.63 | 3.50 | 9.39 | 3.57 | 9.15 | 3.58 |
| | | 5 | 3 | 11.39 | 3.36 | 11.12 | 3.43 | 10.85 | 3.50 | 10.57 | 3.58 | 10.30 | 3.58 |
| | | 7 | 6 | 12.18 | 3.36 | 11.89 | 3.43 | 11.60 | 3.50 | 11.31 | 3.58 | 11.02 | 3.58 |
| | | 10 | 8 | 12.67 | 3.36 | 12.37 | 3.43 | 12.06 | 3.50 | 11.76 | 3.58 | 11.46 | 3.58 |
| | | 15 | 10 | 12.61 | 3.12 | 12.31 | 3.19 | 12.01 | 3.26 | 11.71 | 3.32 | 11.41 | 3.34 |
| | | 20 | 15 | 10.72 | 2.21 | 10.46 | 2.30 | 10.21 | 2.30 | 9.95 | 2.30 | 9.70 | 2.30 |

TC : Total Capacity (kW)
IP : Input Power (kW)



OUTDOOR UNIT
AO∗G30L4

Note: The total capacity of connected a indoor unit is up to 49000Btu from 27000Btu.

## ● Indoor unit : 7000Btu + 7000Btu + 7000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7+7 | Outdoor temperature | -10 | -11 | 6.65 | 2.67 | 6.49 | 2.73 | 6.34 | 2.78 | 6.18 | 2.84 | 6.02 | 2.89 |
| | | -5 | -7 | 7.21 | 2.62 | 7.04 | 2.67 | 6.86 | 2.73 | 6.69 | 2.78 | 6.52 | 2.84 |
| | | 0 | -2 | 7.39 | 2.37 | 7.22 | 2.42 | 7.04 | 2.46 | 6.86 | 2.51 | 6.69 | 2.56 |
| | | 5 | 3 | 8.59 | 2.47 | 8.39 | 2.52 | 8.18 | 2.57 | 7.98 | 2.62 | 7.77 | 2.67 |
| | | 7 | 6 | 9.24 | 2.54 | 9.02 | 2.60 | 8.80 | 2.65 | 8.58 | 2.70 | 8.36 | 2.76 |
| | | 10 | 8 | 9.61 | 2.59 | 9.38 | 2.65 | 9.15 | 2.70 | 8.92 | 2.76 | 8.69 | 2.81 |
| | | 15 | 10 | 9.61 | 2.54 | 9.38 | 2.60 | 9.15 | 2.65 | 8.92 | 2.70 | 8.69 | 2.76 |
| | | 20 | 15 | 8.32 | 2.04 | 8.12 | 2.08 | 7.92 | 2.12 | 7.72 | 2.16 | 7.52 | 2.20 |



OUTDOOR UNIT
AO∗G30L4

## ● Indoor unit : 7000Btu + 7000Btu + 9000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7+9 | Outdoor temperature | -10 | -11 | 7.03 | 2.87 | 6.86 | 2.93 | 6.70 | 2.99 | 6.53 | 3.05 | 6.36 | 3.11 |
| | | -5 | -7 | 7.62 | 2.82 | 7.44 | 2.88 | 7.25 | 2.94 | 7.07 | 2.99 | 6.89 | 3.05 |
| | | 0 | -2 | 7.81 | 2.54 | 7.63 | 2.60 | 7.44 | 2.65 | 7.25 | 2.70 | 7.07 | 2.76 |
| | | 5 | 3 | 9.08 | 2.65 | 8.87 | 2.71 | 8.65 | 2.76 | 8.43 | 2.82 | 8.22 | 2.88 |
| | | 7 | 6 | 9.77 | 2.74 | 9.53 | 2.79 | 9.30 | 2.85 | 9.07 | 2.91 | 8.84 | 2.96 |
| | | 10 | 8 | 10.16 | 2.79 | 9.91 | 2.85 | 9.67 | 2.91 | 9.43 | 2.97 | 9.19 | 3.02 |
| | | 15 | 10 | 10.16 | 2.74 | 9.91 | 2.79 | 9.67 | 2.85 | 9.43 | 2.91 | 9.19 | 2.96 |
| | | 20 | 15 | 8.79 | 2.21 | 8.58 | 2.30 | 8.37 | 2.30 | 8.16 | 2.30 | 7.95 | 2.30 |

## ● Indoor unit : 7000Btu + 7000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7+12 | Outdoor temperature | -10 | -11 | 6.93 | 2.86 | 6.76 | 2.92 | 6.60 | 2.98 | 6.43 | 3.04 | 6.27 | 3.10 |
| | | -5 | -7 | 7.64 | 2.95 | 7.46 | 3.01 | 7.28 | 3.07 | 7.09 | 3.13 | 6.91 | 3.19 |
| | | 0 | -2 | 8.56 | 2.89 | 8.35 | 2.95 | 8.15 | 3.01 | 7.94 | 3.07 | 7.74 | 3.13 |
| | | 5 | 3 | 9.47 | 2.98 | 9.25 | 3.04 | 9.02 | 3.10 | 8.80 | 3.16 | 8.57 | 3.22 |
| | | 7 | 6 | 10.19 | 2.98 | 9.94 | 3.04 | 9.70 | 3.10 | 9.46 | 3.16 | 9.22 | 3.22 |
| | | 10 | 8 | 10.59 | 2.98 | 10.34 | 3.04 | 10.09 | 3.10 | 9.84 | 3.16 | 9.58 | 3.22 |
| | | 15 | 10 | 10.59 | 2.77 | 10.34 | 2.83 | 10.09 | 2.88 | 9.84 | 2.94 | 9.58 | 3.00 |
| | | 20 | 15 | 9.17 | 1.93 | 8.95 | 1.97 | 8.73 | 2.02 | 8.51 | 2.06 | 8.29 | 2.10 |

## ● Indoor unit : 7000Btu + 7000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7+14 | Outdoor temperature | -10 | -11 | 7.21 | 3.25 | 7.04 | 3.32 | 6.87 | 3.39 | 6.70 | 3.46 | 6.52 | 3.52 |
| | | -5 | -7 | 7.95 | 3.35 | 7.76 | 3.42 | 7.58 | 3.49 | 7.39 | 3.56 | 7.20 | 3.58 |
| | | 0 | -2 | 8.91 | 3.29 | 8.70 | 3.36 | 8.48 | 3.42 | 8.27 | 3.49 | 8.06 | 3.56 |
| | | 5 | 3 | 9.86 | 3.39 | 9.63 | 3.46 | 9.39 | 3.53 | 9.16 | 3.58 | 8.92 | 3.58 |
| | | 7 | 6 | 10.61 | 3.39 | 10.35 | 3.46 | 10.10 | 3.53 | 9.85 | 3.58 | 9.60 | 3.58 |
| | | 10 | 8 | 11.03 | 3.39 | 10.77 | 3.46 | 10.50 | 3.53 | 10.24 | 3.58 | 9.98 | 3.58 |
| | | 15 | 10 | 11.03 | 3.15 | 10.77 | 3.22 | 10.50 | 3.28 | 10.24 | 3.34 | 9.98 | 3.34 |
| | | 20 | 15 | 9.54 | 2.21 | 9.32 | 2.30 | 9.09 | 2.30 | 8.86 | 2.30 | 8.64 | 2.30 |

TC : Total Capacity (kW)
IP : Input Power (kW)

Note: The total capacity of connected a indoor unit is up to 49000Btu from 27000Btu.

## ● Indoor unit : 7000Btu + 7000Btu + 18000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7+18 | Outdoor temperature | -10 | -11 | 7.88 | 3.21 | 7.69 | 3.28 | 7.50 | 3.34 | 7.32 | 3.41 | 7.13 | 3.48 |
| | | -5 | -7 | 8.70 | 3.31 | 8.50 | 3.38 | 8.29 | 3.45 | 8.08 | 3.52 | 7.87 | 3.58 |
| | | 0 | -2 | 9.88 | 3.38 | 9.64 | 3.45 | 9.41 | 3.52 | 9.17 | 3.58 | 8.94 | 3.58 |
| | | 5 | 3 | 10.94 | 3.38 | 10.68 | 3.45 | 10.42 | 3.52 | 10.16 | 3.58 | 9.90 | 3.58 |
| | | 7 | 6 | 11.76 | 3.38 | 11.48 | 3.45 | 11.20 | 3.52 | 10.92 | 3.58 | 10.64 | 3.58 |
| | | 10 | 8 | 12.23 | 3.38 | 11.94 | 3.45 | 11.65 | 3.52 | 11.36 | 3.58 | 11.07 | 3.58 |
| | | 15 | 10 | 12.17 | 3.14 | 11.88 | 3.21 | 11.59 | 3.27 | 11.30 | 3.34 | 11.01 | 3.34 |
| | | 20 | 15 | 10.35 | 2.21 | 10.10 | 2.30 | 9.86 | 2.30 | 9.61 | 2.30 | 9.36 | 2.30 |



OUTDOOR UNIT
AO∗G30L4

## ● Indoor unit : 7000Btu + 7000Btu + 24000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7+24 | Outdoor temperature | -10 | -11 | 7.73 | 3.08 | 7.54 | 3.14 | 7.36 | 3.20 | 7.18 | 3.27 | 6.99 | 3.33 |
| | | -5 | -7 | 8.69 | 3.21 | 8.49 | 3.28 | 8.28 | 3.34 | 8.07 | 3.41 | 7.87 | 3.48 |
| | | 0 | -2 | 10.02 | 3.38 | 9.78 | 3.45 | 9.55 | 3.52 | 9.31 | 3.58 | 9.07 | 3.58 |
| | | 5 | 3 | 11.29 | 3.38 | 11.02 | 3.45 | 10.75 | 3.52 | 10.48 | 3.58 | 10.21 | 3.58 |
| | | 7 | 6 | 12.08 | 3.38 | 11.79 | 3.45 | 11.50 | 3.52 | 11.21 | 3.58 | 10.93 | 3.58 |
| | | 10 | 8 | 12.56 | 3.38 | 12.26 | 3.45 | 11.96 | 3.52 | 11.66 | 3.58 | 11.36 | 3.58 |
| | | 15 | 10 | 12.50 | 3.14 | 12.20 | 3.21 | 11.90 | 3.27 | 11.60 | 3.34 | 11.31 | 3.34 |
| | | 20 | 15 | 10.63 | 2.21 | 10.37 | 2.30 | 10.12 | 2.30 | 9.87 | 2.30 | 9.61 | 2.30 |

## ● Indoor unit : 7000Btu + 9000Btu + 9000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+9+9 | Outdoor temperature | -10 | -11 | 6.93 | 2.86 | 6.76 | 2.92 | 6.60 | 2.98 | 6.43 | 3.04 | 6.27 | 3.10 |
| | | -5 | -7 | 7.64 | 2.95 | 7.46 | 3.01 | 7.28 | 3.07 | 7.09 | 3.13 | 6.91 | 3.19 |
| | | 0 | -2 | 8.56 | 2.89 | 8.35 | 2.95 | 8.15 | 3.01 | 7.94 | 3.07 | 7.74 | 3.13 |
| | | 5 | 3 | 9.47 | 2.98 | 9.25 | 3.04 | 9.02 | 3.10 | 8.80 | 3.16 | 8.57 | 3.22 |
| | | 7 | 6 | 10.19 | 2.98 | 9.94 | 3.04 | 9.70 | 3.10 | 9.46 | 3.16 | 9.22 | 3.22 |
| | | 10 | 8 | 10.59 | 2.98 | 10.34 | 3.04 | 10.09 | 3.10 | 9.84 | 3.16 | 9.58 | 3.22 |
| | | 15 | 10 | 10.59 | 2.77 | 10.34 | 2.83 | 10.09 | 2.88 | 9.84 | 2.94 | 9.58 | 3.00 |
| | | 20 | 15 | 9.17 | 1.93 | 8.95 | 1.97 | 8.73 | 2.02 | 8.51 | 2.06 | 8.29 | 2.10 |

## ● Indoor unit : 7000Btu + 9000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+9+12 | Outdoor temperature | -10 | -11 | 7.14 | 3.23 | 6.97 | 3.30 | 6.80 | 3.37 | 6.63 | 3.44 | 6.46 | 3.50 |
| | | -5 | -7 | 7.88 | 3.34 | 7.69 | 3.41 | 7.50 | 3.47 | 7.31 | 3.54 | 7.13 | 3.58 |
| | | 0 | -2 | 8.82 | 3.27 | 8.61 | 3.34 | 8.40 | 3.40 | 8.19 | 3.47 | 7.98 | 3.54 |
| | | 5 | 3 | 9.77 | 3.37 | 9.53 | 3.44 | 9.30 | 3.51 | 9.07 | 3.58 | 8.84 | 3.58 |
| | | 7 | 6 | 10.50 | 3.37 | 10.25 | 3.44 | 10.00 | 3.51 | 9.75 | 3.58 | 9.50 | 3.58 |
| | | 10 | 8 | 10.92 | 3.37 | 10.66 | 3.44 | 10.40 | 3.51 | 10.14 | 3.58 | 9.88 | 3.58 |
| | | 15 | 10 | 10.92 | 3.13 | 10.66 | 3.20 | 10.40 | 3.26 | 10.14 | 3.33 | 9.88 | 3.34 |
| | | 20 | 15 | 9.45 | 2.21 | 9.23 | 2.30 | 9.00 | 2.30 | 8.78 | 2.30 | 8.55 | 2.30 |

TC : Total Capacity (kW)
IP : Input Power (kW)

## ● Indoor unit : 7000Btu + 9000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+9+14 | Outdoor temperature | -10 | -11 | 7.14 | 3.23 | 6.97 | 3.30 | 6.80 | 3.37 | 6.63 | 3.44 | 6.46 | 3.50 |
| | | -5 | -7 | 7.88 | 3.34 | 7.69 | 3.41 | 7.50 | 3.47 | 7.31 | 3.54 | 7.13 | 3.58 |
| | | 0 | -2 | 8.82 | 3.27 | 8.61 | 3.34 | 8.40 | 3.40 | 8.19 | 3.47 | 7.98 | 3.54 |
| | | 5 | 3 | 9.77 | 3.37 | 9.53 | 3.44 | 9.30 | 3.51 | 9.07 | 3.58 | 8.84 | 3.58 |
| | | 7 | 6 | 10.50 | 3.37 | 10.25 | 3.44 | 10.00 | 3.51 | 9.75 | 3.58 | 9.50 | 3.58 |
| | | 10 | 8 | 10.92 | 3.37 | 10.66 | 3.44 | 10.40 | 3.51 | 10.14 | 3.58 | 9.88 | 3.58 |
| | | 15 | 10 | 10.92 | 3.13 | 10.66 | 3.20 | 10.40 | 3.26 | 10.14 | 3.33 | 9.88 | 3.34 |
| | | 20 | 15 | 9.45 | 2.21 | 9.23 | 2.30 | 9.00 | 2.30 | 8.78 | 2.30 | 8.55 | 2.30 |

## ● Indoor unit : 7000Btu + 9000Btu + 18000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+9+18 | Outdoor temperature | -10 | -11 | 7.18 | 3.19 | 7.00 | 3.26 | 6.83 | 3.33 | 6.66 | 3.39 | 6.49 | 3.46 |
| | | -5 | -7 | 7.93 | 3.29 | 7.74 | 3.36 | 7.55 | 3.43 | 7.36 | 3.50 | 7.17 | 3.57 |
| | | 0 | -2 | 9.00 | 3.36 | 8.78 | 3.43 | 8.57 | 3.50 | 8.35 | 3.57 | 8.14 | 3.58 |
| | | 5 | 3 | 9.96 | 3.36 | 9.72 | 3.43 | 9.49 | 3.50 | 9.25 | 3.58 | 9.01 | 3.58 |
| | | 7 | 6 | 10.71 | 3.36 | 10.46 | 3.43 | 10.20 | 3.50 | 9.95 | 3.58 | 9.69 | 3.58 |
| | | 10 | 8 | 11.14 | 3.36 | 10.87 | 3.43 | 10.61 | 3.50 | 10.34 | 3.58 | 10.08 | 3.58 |
| | | 15 | 10 | 11.08 | 3.12 | 10.82 | 3.19 | 10.56 | 3.26 | 10.29 | 3.32 | 10.03 | 3.34 |
| | | 20 | 15 | 9.42 | 2.21 | 9.20 | 2.30 | 8.98 | 2.30 | 8.75 | 2.30 | 8.53 | 2.30 |

## ● Indoor unit : 7000Btu + 9000Btu + 24000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+9+24 | Outdoor temperature | -10 | -11 | 7.73 | 3.07 | 7.54 | 3.13 | 7.36 | 3.19 | 7.18 | 3.26 | 6.99 | 3.32 |
| | | -5 | -7 | 8.69 | 3.20 | 8.49 | 3.27 | 8.28 | 3.33 | 8.07 | 3.40 | 7.87 | 3.47 |
| | | 0 | -2 | 10.02 | 3.37 | 9.78 | 3.44 | 9.55 | 3.51 | 9.31 | 3.58 | 9.07 | 3.58 |
| | | 5 | 3 | 11.29 | 3.37 | 11.02 | 3.44 | 10.75 | 3.51 | 10.48 | 3.58 | 10.21 | 3.58 |
| | | 7 | 6 | 12.08 | 3.37 | 11.79 | 3.44 | 11.50 | 3.51 | 11.21 | 3.58 | 10.93 | 3.58 |
| | | 10 | 8 | 12.56 | 3.37 | 12.26 | 3.44 | 11.96 | 3.51 | 11.66 | 3.58 | 11.36 | 3.58 |
| | | 15 | 10 | 12.50 | 3.13 | 12.20 | 3.20 | 11.90 | 3.26 | 11.60 | 3.33 | 11.31 | 3.34 |
| | | 20 | 15 | 10.63 | 2.21 | 10.37 | 2.30 | 10.12 | 2.30 | 9.87 | 2.30 | 9.61 | 2.30 |

## ● Indoor unit : 7000Btu + 12000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+12+12 | Outdoor temperature | -10 | -11 | 7.11 | 3.17 | 6.94 | 3.24 | 6.77 | 3.31 | 6.60 | 3.37 | 6.43 | 3.44 |
| | | -5 | -7 | 7.85 | 3.27 | 7.66 | 3.34 | 7.47 | 3.41 | 7.29 | 3.48 | 7.10 | 3.55 |
| | | 0 | -2 | 8.91 | 3.34 | 8.70 | 3.41 | 8.48 | 3.48 | 8.27 | 3.55 | 8.06 | 3.58 |
| | | 5 | 3 | 9.86 | 3.34 | 9.63 | 3.41 | 9.39 | 3.48 | 9.16 | 3.58 | 8.92 | 3.58 |
| | | 7 | 6 | 10.61 | 3.34 | 10.35 | 3.41 | 10.10 | 3.48 | 9.85 | 3.58 | 9.60 | 3.58 |
| | | 10 | 8 | 11.03 | 3.34 | 10.77 | 3.41 | 10.50 | 3.48 | 10.24 | 3.58 | 9.98 | 3.58 |
| | | 15 | 10 | 10.98 | 3.11 | 10.71 | 3.17 | 10.45 | 3.24 | 10.19 | 3.30 | 9.93 | 3.34 |
| | | 20 | 15 | 9.33 | 2.21 | 9.11 | 2.30 | 8.89 | 2.30 | 8.67 | 2.30 | 8.44 | 2.30 |

TC : Total Capacity (kW)
IP : Input Power (kW)

## ● Indoor unit : 7000Btu + 12000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+12+14 | Outdoor temperature | -10 | -11 | 7.25 | 3.17 | 7.07 | 3.24 | 6.90 | 3.31 | 6.73 | 3.37 | 6.56 | 3.44 |
| | | -5 | -7 | 8.00 | 3.27 | 7.81 | 3.34 | 7.62 | 3.41 | 7.43 | 3.48 | 7.24 | 3.55 |
| | | 0 | -2 | 9.08 | 3.34 | 8.87 | 3.41 | 8.65 | 3.48 | 8.44 | 3.55 | 8.22 | 3.58 |
| | | 5 | 3 | 10.06 | 3.34 | 9.82 | 3.41 | 9.58 | 3.48 | 9.34 | 3.58 | 9.10 | 3.58 |
| | | 7 | 6 | 10.82 | 3.34 | 10.56 | 3.41 | 10.30 | 3.48 | 10.04 | 3.58 | 9.79 | 3.58 |
| | | 10 | 8 | 11.25 | 3.34 | 10.98 | 3.41 | 10.71 | 3.48 | 10.44 | 3.58 | 10.18 | 3.58 |
| | | 15 | 10 | 11.19 | 3.11 | 10.93 | 3.17 | 10.66 | 3.24 | 10.39 | 3.30 | 10.13 | 3.34 |
| | | 20 | 15 | 9.52 | 2.21 | 9.29 | 2.30 | 9.06 | 2.30 | 8.84 | 2.30 | 8.61 | 2.30 |

## ● Indoor unit : 7000Btu + 12000Btu + 18000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+12+18 | Outdoor temperature | -10 | -11 | 7.66 | 3.03 | 7.48 | 3.09 | 7.30 | 3.16 | 7.11 | 3.22 | 6.93 | 3.28 |
| | | -5 | -7 | 8.62 | 3.16 | 8.41 | 3.23 | 8.21 | 3.30 | 8.00 | 3.36 | 7.80 | 3.43 |
| | | 0 | -2 | 9.94 | 3.33 | 9.70 | 3.40 | 9.46 | 3.47 | 9.23 | 3.54 | 8.99 | 3.58 |
| | | 5 | 3 | 11.19 | 3.33 | 10.93 | 3.40 | 10.66 | 3.47 | 10.39 | 3.54 | 10.13 | 3.58 |
| | | 7 | 6 | 11.97 | 3.33 | 11.69 | 3.40 | 11.40 | 3.47 | 11.12 | 3.54 | 10.83 | 3.58 |
| | | 10 | 8 | 12.45 | 3.33 | 12.15 | 3.40 | 11.86 | 3.47 | 11.56 | 3.54 | 11.26 | 3.58 |
| | | 15 | 10 | 12.39 | 3.10 | 12.09 | 3.16 | 11.80 | 3.23 | 11.50 | 3.29 | 11.21 | 3.34 |
| | | 20 | 15 | 10.53 | 2.21 | 10.28 | 2.30 | 10.03 | 2.30 | 9.78 | 2.30 | 9.53 | 2.30 |

## ● Indoor unit : 7000Btu + 12000Btu + 24000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+12+24 | Outdoor temperature | -10 | -11 | 7.86 | 3.11 | 7.68 | 3.17 | 7.49 | 3.24 | 7.30 | 3.30 | 7.11 | 3.37 |
| | | -5 | -7 | 8.85 | 3.25 | 8.63 | 3.31 | 8.42 | 3.38 | 8.21 | 3.45 | 8.00 | 3.52 |
| | | 0 | -2 | 10.20 | 3.42 | 9.95 | 3.49 | 9.71 | 3.56 | 9.47 | 3.58 | 9.23 | 3.58 |
| | | 5 | 3 | 11.49 | 3.44 | 11.21 | 3.51 | 10.94 | 3.58 | 10.67 | 3.58 | 10.39 | 3.58 |
| | | 7 | 6 | 12.29 | 3.44 | 11.99 | 3.51 | 11.70 | 3.58 | 11.41 | 3.58 | 11.12 | 3.58 |
| | | 10 | 8 | 12.78 | 3.44 | 12.47 | 3.51 | 12.17 | 3.58 | 11.86 | 3.58 | 11.56 | 3.58 |
| | | 15 | 10 | 12.71 | 3.18 | 12.41 | 3.24 | 12.11 | 3.31 | 11.81 | 3.34 | 11.50 | 3.34 |
| | | 20 | 15 | 10.81 | 2.21 | 10.55 | 2.30 | 10.30 | 2.30 | 10.04 | 2.30 | 9.78 | 2.30 |

## ● Indoor unit : 7000Btu + 14000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+14+14 | Outdoor temperature | -10 | -11 | 7.46 | 3.17 | 7.28 | 3.24 | 7.10 | 3.31 | 6.92 | 3.37 | 6.75 | 3.44 |
| | | -5 | -7 | 8.24 | 3.27 | 8.04 | 3.34 | 7.84 | 3.41 | 7.65 | 3.48 | 7.45 | 3.55 |
| | | 0 | -2 | 9.35 | 3.34 | 9.13 | 3.41 | 8.90 | 3.48 | 8.68 | 3.55 | 8.46 | 3.58 |
| | | 5 | 3 | 10.35 | 3.34 | 10.10 | 3.41 | 9.86 | 3.48 | 9.61 | 3.58 | 9.37 | 3.58 |
| | | 7 | 6 | 11.13 | 3.34 | 10.87 | 3.41 | 10.60 | 3.48 | 10.34 | 3.58 | 10.07 | 3.58 |
| | | 10 | 8 | 11.58 | 3.34 | 11.30 | 3.41 | 11.02 | 3.48 | 10.75 | 3.58 | 10.47 | 3.58 |
| | | 15 | 10 | 11.52 | 3.11 | 11.25 | 3.17 | 10.97 | 3.24 | 10.70 | 3.30 | 10.42 | 3.34 |
| | | 20 | 15 | 9.79 | 2.21 | 9.56 | 2.30 | 9.33 | 2.30 | 9.09 | 2.30 | 8.86 | 2.30 |

TC : Total Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO∗G30L4

## ● Indoor unit : 7000Btu + 14000Btu + 18000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | Outdoor temperature | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+14+18 | | -10 | -11 | 7.73 | 3.08 | 7.54 | 3.14 | 7.36 | 3.20 | 7.18 | 3.27 | 6.99 | 3.33 |
| | | -5 | -7 | 8.69 | 3.21 | 8.49 | 3.28 | 8.28 | 3.34 | 8.07 | 3.41 | 7.87 | 3.48 |
| | | 0 | -2 | 10.02 | 3.38 | 9.78 | 3.45 | 9.55 | 3.52 | 9.31 | 3.58 | 9.07 | 3.58 |
| | | 5 | 3 | 11.29 | 3.38 | 11.02 | 3.45 | 10.75 | 3.52 | 10.48 | 3.58 | 10.21 | 3.58 |
| | | 7 | 6 | 12.08 | 3.38 | 11.79 | 3.45 | 11.50 | 3.52 | 11.21 | 3.58 | 10.93 | 3.58 |
| | | 10 | 8 | 12.56 | 3.38 | 12.26 | 3.45 | 11.96 | 3.52 | 11.66 | 3.58 | 11.36 | 3.58 |
| | | 15 | 10 | 12.50 | 3.14 | 12.20 | 3.21 | 11.90 | 3.27 | 11.60 | 3.34 | 11.31 | 3.34 |
| | | 20 | 15 | 10.63 | 2.21 | 10.37 | 2.30 | 10.12 | 2.30 | 9.87 | 2.30 | 9.61 | 2.30 |

## ● Indoor unit : 7000Btu + 14000Btu + 24000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | Outdoor temperature | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+14+24 | | -10 | -11 | 7.86 | 3.11 | 7.68 | 3.17 | 7.49 | 3.24 | 7.30 | 3.30 | 7.11 | 3.37 |
| | | -5 | -7 | 8.85 | 3.25 | 8.63 | 3.31 | 8.42 | 3.38 | 8.21 | 3.45 | 8.00 | 3.52 |
| | | 0 | -2 | 10.20 | 3.42 | 9.95 | 3.49 | 9.71 | 3.56 | 9.47 | 3.58 | 9.23 | 3.58 |
| | | 5 | 3 | 11.49 | 3.44 | 11.21 | 3.51 | 10.94 | 3.58 | 10.67 | 3.58 | 10.39 | 3.58 |
| | | 7 | 6 | 12.29 | 3.44 | 11.99 | 3.51 | 11.70 | 3.58 | 11.41 | 3.58 | 11.12 | 3.58 |
| | | 10 | 8 | 12.78 | 3.44 | 12.47 | 3.51 | 12.17 | 3.58 | 11.86 | 3.58 | 11.56 | 3.58 |
| | | 15 | 10 | 12.71 | 3.18 | 12.41 | 3.24 | 12.11 | 3.31 | 11.81 | 3.34 | 11.50 | 3.34 |
| | | 20 | 15 | 10.81 | 2.21 | 10.55 | 2.30 | 10.30 | 2.30 | 10.04 | 2.30 | 9.78 | 2.30 |

## ● Indoor unit : 7000Btu + 18000Btu + 18000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | Outdoor temperature | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+18+18 | | -10 | -11 | 8.06 | 3.08 | 7.87 | 3.14 | 7.68 | 3.20 | 7.49 | 3.27 | 7.30 | 3.33 |
| | | -5 | -7 | 9.07 | 3.21 | 8.86 | 3.28 | 8.64 | 3.34 | 8.42 | 3.41 | 8.21 | 3.48 |
| | | 0 | -2 | 10.46 | 3.38 | 10.21 | 3.45 | 9.96 | 3.52 | 9.71 | 3.58 | 9.46 | 3.58 |
| | | 5 | 3 | 11.78 | 3.38 | 11.50 | 3.45 | 11.22 | 3.52 | 10.94 | 3.58 | 10.66 | 3.58 |
| | | 7 | 6 | 12.60 | 3.38 | 12.30 | 3.45 | 12.00 | 3.52 | 11.70 | 3.58 | 11.40 | 3.58 |
| | | 10 | 8 | 13.10 | 3.38 | 12.79 | 3.45 | 12.48 | 3.52 | 12.17 | 3.58 | 11.86 | 3.58 |
| | | 15 | 10 | 13.04 | 3.14 | 12.73 | 3.21 | 12.42 | 3.27 | 12.11 | 3.34 | 11.80 | 3.34 |
| | | 20 | 15 | 11.09 | 2.21 | 10.82 | 2.30 | 10.56 | 2.30 | 10.30 | 2.30 | 10.03 | 2.30 |

## ● Indoor unit : 7000Btu + 18000Btu + 24000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | Outdoor temperature | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+18+24 | | -10 | -11 | 8.06 | 3.08 | 7.87 | 3.14 | 7.68 | 3.20 | 7.49 | 3.27 | 7.30 | 3.33 |
| | | -5 | -7 | 9.07 | 3.21 | 8.86 | 3.28 | 8.64 | 3.34 | 8.42 | 3.41 | 8.21 | 3.48 |
| | | 0 | -2 | 10.46 | 3.38 | 10.21 | 3.45 | 9.96 | 3.52 | 9.71 | 3.58 | 9.46 | 3.58 |
| | | 5 | 3 | 11.78 | 3.38 | 11.50 | 3.45 | 11.22 | 3.52 | 10.94 | 3.58 | 10.66 | 3.58 |
| | | 7 | 6 | 12.60 | 3.38 | 12.30 | 3.45 | 12.00 | 3.52 | 11.70 | 3.58 | 11.40 | 3.58 |
| | | 10 | 8 | 13.10 | 3.38 | 12.79 | 3.45 | 12.48 | 3.52 | 12.17 | 3.58 | 11.86 | 3.58 |
| | | 15 | 10 | 13.04 | 3.14 | 12.73 | 3.21 | 12.42 | 3.27 | 12.11 | 3.34 | 11.80 | 3.34 |
| | | 20 | 15 | 11.09 | 2.21 | 10.82 | 2.30 | 10.56 | 2.30 | 10.30 | 2.30 | 10.03 | 2.30 |

TC : Total Capacity (kW)
IP : Input Power (kW)

## ● Indoor unit : 9000Btu + 9000Btu + 9000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+9+9 | Outdoor temperature | -10 | -11 | 7.14 | 3.23 | 6.97 | 3.30 | 6.80 | 3.37 | 6.63 | 3.44 | 6.46 | 3.50 |
| | | -5 | -7 | 7.88 | 3.34 | 7.69 | 3.41 | 7.50 | 3.47 | 7.31 | 3.54 | 7.13 | 3.58 |
| | | 0 | -2 | 8.82 | 3.27 | 8.61 | 3.34 | 8.40 | 3.40 | 8.19 | 3.47 | 7.98 | 3.54 |
| | | 5 | 3 | 9.77 | 3.37 | 9.53 | 3.44 | 9.30 | 3.51 | 9.07 | 3.58 | 8.84 | 3.58 |
| | | 7 | 6 | 10.50 | 3.37 | 10.25 | 3.44 | 10.00 | 3.51 | 9.75 | 3.58 | 9.50 | 3.58 |
| | | 10 | 8 | 10.92 | 3.37 | 10.66 | 3.44 | 10.40 | 3.51 | 10.14 | 3.58 | 9.88 | 3.58 |
| | | 15 | 10 | 10.92 | 3.13 | 10.66 | 3.20 | 10.40 | 3.26 | 10.14 | 3.33 | 9.88 | 3.34 |
| | | 20 | 15 | 9.45 | 2.21 | 9.23 | 2.30 | 9.00 | 2.30 | 8.78 | 2.30 | 8.55 | 2.30 |

## ● Indoor unit : 9000Btu + 9000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+9+12 | Outdoor temperature | -10 | -11 | 7.21 | 3.21 | 7.04 | 3.27 | 6.87 | 3.34 | 6.70 | 3.41 | 6.52 | 3.47 |
| | | -5 | -7 | 7.95 | 3.31 | 7.76 | 3.38 | 7.58 | 3.45 | 7.39 | 3.51 | 7.20 | 3.58 |
| | | 0 | -2 | 8.91 | 3.24 | 8.70 | 3.31 | 8.48 | 3.38 | 8.27 | 3.44 | 8.06 | 3.51 |
| | | 5 | 3 | 9.86 | 3.34 | 9.63 | 3.41 | 9.39 | 3.48 | 9.16 | 3.58 | 8.92 | 3.58 |
| | | 7 | 6 | 10.61 | 3.34 | 10.35 | 3.41 | 10.10 | 3.48 | 9.85 | 3.58 | 9.60 | 3.58 |
| | | 10 | 8 | 11.03 | 3.34 | 10.77 | 3.41 | 10.50 | 3.48 | 10.24 | 3.58 | 9.98 | 3.58 |
| | | 15 | 10 | 11.03 | 3.11 | 10.77 | 3.17 | 10.50 | 3.24 | 10.24 | 3.30 | 9.98 | 3.34 |
| | | 20 | 15 | 9.54 | 2.21 | 9.32 | 2.30 | 9.09 | 2.30 | 8.86 | 2.30 | 8.64 | 2.30 |

## ● Indoor unit : 9000Btu + 9000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+9+14 | Outdoor temperature | -10 | -11 | 7.25 | 3.17 | 7.07 | 3.24 | 6.90 | 3.31 | 6.73 | 3.37 | 6.56 | 3.44 |
| | | -5 | -7 | 8.00 | 3.27 | 7.81 | 3.34 | 7.62 | 3.41 | 7.43 | 3.48 | 7.24 | 3.55 |
| | | 0 | -2 | 9.08 | 3.34 | 8.87 | 3.41 | 8.65 | 3.48 | 8.44 | 3.55 | 8.22 | 3.58 |
| | | 5 | 3 | 10.06 | 3.34 | 9.82 | 3.41 | 9.58 | 3.48 | 9.34 | 3.58 | 9.10 | 3.58 |
| | | 7 | 6 | 10.82 | 3.34 | 10.56 | 3.41 | 10.30 | 3.48 | 10.04 | 3.58 | 9.79 | 3.58 |
| | | 10 | 8 | 11.25 | 3.34 | 10.98 | 3.41 | 10.71 | 3.48 | 10.44 | 3.58 | 10.18 | 3.58 |
| | | 15 | 10 | 11.19 | 3.11 | 10.93 | 3.17 | 10.66 | 3.24 | 10.39 | 3.30 | 10.13 | 3.34 |
| | | 20 | 15 | 9.52 | 2.21 | 9.29 | 2.30 | 9.06 | 2.30 | 8.84 | 2.30 | 8.61 | 2.30 |

## ● Indoor unit : 9000Btu + 9000Btu + 18000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+9+18 | Outdoor temperature | -10 | -11 | 8.02 | 3.17 | 7.83 | 3.24 | 7.64 | 3.31 | 7.45 | 3.37 | 7.26 | 3.44 |
| | | -5 | -7 | 8.86 | 3.27 | 8.65 | 3.34 | 8.44 | 3.41 | 8.23 | 3.48 | 8.01 | 3.55 |
| | | 0 | -2 | 10.05 | 3.34 | 9.82 | 3.41 | 9.58 | 3.48 | 9.34 | 3.55 | 9.10 | 3.58 |
| | | 5 | 3 | 11.13 | 3.34 | 10.87 | 3.41 | 10.60 | 3.48 | 10.34 | 3.58 | 10.07 | 3.58 |
| | | 7 | 6 | 11.97 | 3.34 | 11.69 | 3.41 | 11.40 | 3.48 | 11.12 | 3.58 | 10.83 | 3.58 |
| | | 10 | 8 | 12.45 | 3.34 | 12.15 | 3.41 | 11.86 | 3.48 | 11.56 | 3.58 | 11.26 | 3.58 |
| | | 15 | 10 | 12.39 | 3.11 | 12.09 | 3.17 | 11.80 | 3.24 | 11.50 | 3.30 | 11.21 | 3.34 |
| | | 20 | 15 | 10.53 | 2.21 | 10.28 | 2.30 | 10.03 | 2.30 | 9.78 | 2.30 | 9.53 | 2.30 |

TC : Total Capacity (kW)
IP : Input Power (kW)

## ● Indoor unit : 9000Btu + 9000Btu + 24000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+9+24 | Outdoor temperature | -10 | -11 | 7.86 | 3.12 | 7.68 | 3.18 | 7.49 | 3.25 | 7.30 | 3.31 | 7.11 | 3.38 |
| | | -5 | -7 | 8.85 | 3.26 | 8.63 | 3.32 | 8.42 | 3.39 | 8.21 | 3.46 | 8.00 | 3.53 |
| | | 0 | -2 | 10.20 | 3.43 | 9.95 | 3.50 | 9.71 | 3.57 | 9.47 | 3.58 | 9.23 | 3.58 |
| | | 5 | 3 | 11.49 | 3.44 | 11.21 | 3.51 | 10.94 | 3.58 | 10.67 | 3.58 | 10.39 | 3.58 |
| | | 7 | 6 | 12.29 | 3.44 | 11.99 | 3.51 | 11.70 | 3.58 | 11.41 | 3.58 | 11.12 | 3.58 |
| | | 10 | 8 | 12.78 | 3.44 | 12.47 | 3.51 | 12.17 | 3.58 | 11.86 | 3.58 | 11.56 | 3.58 |
| | | 15 | 10 | 12.71 | 3.19 | 12.41 | 3.25 | 12.11 | 3.32 | 11.81 | 3.34 | 11.50 | 3.34 |
| | | 20 | 15 | 10.81 | 2.21 | 10.55 | 2.30 | 10.30 | 2.30 | 10.04 | 2.30 | 9.78 | 2.30 |

## ● Indoor unit : 9000Btu + 12000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+12+12 | Outdoor temperature | -10 | -11 | 7.25 | 3.21 | 7.07 | 3.28 | 6.90 | 3.34 | 6.73 | 3.41 | 6.56 | 3.48 |
| | | -5 | -7 | 8.00 | 3.31 | 7.81 | 3.38 | 7.62 | 3.45 | 7.43 | 3.52 | 7.24 | 3.58 |
| | | 0 | -2 | 9.08 | 3.38 | 8.87 | 3.45 | 8.65 | 3.52 | 8.44 | 3.58 | 8.22 | 3.58 |
| | | 5 | 3 | 10.06 | 3.38 | 9.82 | 3.45 | 9.58 | 3.52 | 9.34 | 3.58 | 9.10 | 3.58 |
| | | 7 | 6 | 10.82 | 3.38 | 10.56 | 3.45 | 10.30 | 3.52 | 10.04 | 3.58 | 9.79 | 3.58 |
| | | 10 | 8 | 11.25 | 3.38 | 10.98 | 3.45 | 10.71 | 3.52 | 10.44 | 3.58 | 10.18 | 3.58 |
| | | 15 | 10 | 11.19 | 3.14 | 10.93 | 3.21 | 10.66 | 3.27 | 10.39 | 3.34 | 10.13 | 3.34 |
| | | 20 | 15 | 9.52 | 2.21 | 9.29 | 2.30 | 9.06 | 2.30 | 8.84 | 2.30 | 8.61 | 2.30 |

## ● Indoor unit : 9000Btu + 12000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+12+14 | Outdoor temperature | -10 | -11 | 7.39 | 3.21 | 7.21 | 3.28 | 7.04 | 3.34 | 6.86 | 3.41 | 6.68 | 3.48 |
| | | -5 | -7 | 8.16 | 3.31 | 7.96 | 3.38 | 7.77 | 3.45 | 7.58 | 3.52 | 7.38 | 3.58 |
| | | 0 | -2 | 9.26 | 3.38 | 9.04 | 3.45 | 8.82 | 3.52 | 8.60 | 3.58 | 8.38 | 3.58 |
| | | 5 | 3 | 10.25 | 3.38 | 10.01 | 3.45 | 9.77 | 3.52 | 9.52 | 3.58 | 9.28 | 3.58 |
| | | 7 | 6 | 11.03 | 3.38 | 10.76 | 3.45 | 10.50 | 3.52 | 10.24 | 3.58 | 9.98 | 3.58 |
| | | 10 | 8 | 11.47 | 3.38 | 11.19 | 3.45 | 10.92 | 3.52 | 10.65 | 3.58 | 10.37 | 3.58 |
| | | 15 | 10 | 11.41 | 3.14 | 11.14 | 3.21 | 10.87 | 3.27 | 10.60 | 3.34 | 10.32 | 3.34 |
| | | 20 | 15 | 9.70 | 2.21 | 9.47 | 2.30 | 9.24 | 2.30 | 9.01 | 2.30 | 8.78 | 2.30 |

## ● Indoor unit : 9000Btu + 12000Btu + 18000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+12+18 | Outdoor temperature | -10 | -11 | 7.66 | 3.03 | 7.48 | 3.09 | 7.30 | 3.16 | 7.11 | 3.22 | 6.93 | 3.28 |
| | | -5 | -7 | 8.62 | 3.16 | 8.41 | 3.23 | 8.21 | 3.30 | 8.00 | 3.36 | 7.80 | 3.43 |
| | | 0 | -2 | 9.94 | 3.33 | 9.70 | 3.40 | 9.46 | 3.47 | 9.23 | 3.54 | 8.99 | 3.58 |
| | | 5 | 3 | 11.19 | 3.33 | 10.93 | 3.40 | 10.66 | 3.47 | 10.39 | 3.54 | 10.13 | 3.58 |
| | | 7 | 6 | 11.97 | 3.33 | 11.69 | 3.40 | 11.40 | 3.47 | 11.12 | 3.54 | 10.83 | 3.58 |
| | | 10 | 8 | 12.45 | 3.33 | 12.15 | 3.40 | 11.86 | 3.47 | 11.56 | 3.54 | 11.26 | 3.58 |
| | | 15 | 10 | 12.39 | 3.10 | 12.09 | 3.16 | 11.80 | 3.23 | 11.50 | 3.29 | 11.21 | 3.34 |
| | | 20 | 15 | 10.53 | 2.21 | 10.28 | 2.30 | 10.03 | 2.30 | 9.78 | 2.30 | 9.53 | 2.30 |

TC : Total Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO*G30L4

## ● Indoor unit : 9000Btu + 12000Btu + 24000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+12+24 | Outdoor temperature | -10 | -11 | 7.93 | 3.10 | 7.74 | 3.17 | 7.55 | 3.23 | 7.36 | 3.30 | 7.17 | 3.36 |
| | | -5 | -7 | 8.92 | 3.24 | 8.71 | 3.31 | 8.50 | 3.37 | 8.28 | 3.44 | 8.07 | 3.51 |
| | | 0 | -2 | 10.28 | 3.41 | 10.04 | 3.48 | 9.79 | 3.55 | 9.55 | 3.58 | 9.30 | 3.58 |
| | | 5 | 3 | 11.58 | 3.44 | 11.31 | 3.51 | 11.03 | 3.58 | 10.76 | 3.58 | 10.48 | 3.58 |
| | | 7 | 6 | 12.39 | 3.44 | 12.10 | 3.51 | 11.80 | 3.58 | 11.51 | 3.58 | 11.21 | 3.58 |
| | | 10 | 8 | 12.89 | 3.44 | 12.58 | 3.51 | 12.27 | 3.58 | 11.97 | 3.58 | 11.66 | 3.58 |
| | | 15 | 10 | 12.82 | 3.17 | 12.52 | 3.24 | 12.21 | 3.30 | 11.91 | 3.34 | 11.60 | 3.34 |
| | | 20 | 15 | 10.90 | 2.21 | 10.64 | 2.30 | 10.38 | 2.30 | 10.12 | 2.30 | 9.86 | 2.30 |

## ● Indoor unit : 9000Btu + 14000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+14+14 | Outdoor temperature | -10 | -11 | 7.19 | 3.02 | 7.02 | 3.09 | 6.85 | 3.15 | 6.68 | 3.21 | 6.51 | 3.27 |
| | | -5 | -7 | 8.09 | 3.16 | 7.90 | 3.22 | 7.70 | 3.29 | 7.51 | 3.35 | 7.32 | 3.42 |
| | | 0 | -2 | 9.33 | 3.32 | 9.10 | 3.39 | 8.88 | 3.46 | 8.66 | 3.53 | 8.44 | 3.58 |
| | | 5 | 3 | 10.50 | 3.32 | 10.25 | 3.39 | 10.00 | 3.46 | 9.75 | 3.53 | 9.50 | 3.58 |
| | | 7 | 6 | 11.24 | 3.32 | 10.97 | 3.39 | 10.70 | 3.46 | 10.43 | 3.53 | 10.17 | 3.58 |
| | | 10 | 8 | 11.68 | 3.32 | 11.41 | 3.39 | 11.13 | 3.46 | 10.85 | 3.53 | 10.57 | 3.58 |
| | | 15 | 10 | 11.63 | 3.09 | 11.35 | 3.15 | 11.07 | 3.22 | 10.80 | 3.28 | 10.52 | 3.34 |
| | | 20 | 15 | 9.89 | 2.21 | 9.65 | 2.30 | 9.42 | 2.30 | 9.18 | 2.30 | 8.95 | 2.30 |

## ● Indoor unit : 9000Btu + 14000Btu + 18000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+14+18 | Outdoor temperature | -10 | -11 | 7.80 | 3.07 | 7.61 | 3.13 | 7.42 | 3.19 | 7.24 | 3.26 | 7.05 | 3.32 |
| | | -5 | -7 | 8.77 | 3.20 | 8.56 | 3.27 | 8.35 | 3.33 | 8.14 | 3.40 | 7.93 | 3.47 |
| | | 0 | -2 | 10.11 | 3.37 | 9.87 | 3.44 | 9.63 | 3.51 | 9.39 | 3.58 | 9.15 | 3.58 |
| | | 5 | 3 | 11.39 | 3.37 | 11.12 | 3.44 | 10.85 | 3.51 | 10.57 | 3.58 | 10.30 | 3.58 |
| | | 7 | 6 | 12.18 | 3.37 | 11.89 | 3.44 | 11.60 | 3.51 | 11.31 | 3.58 | 11.02 | 3.58 |
| | | 10 | 8 | 12.67 | 3.37 | 12.37 | 3.44 | 12.06 | 3.51 | 11.76 | 3.58 | 11.46 | 3.58 |
| | | 15 | 10 | 12.61 | 3.13 | 12.31 | 3.20 | 12.01 | 3.26 | 11.71 | 3.33 | 11.41 | 3.34 |
| | | 20 | 15 | 10.72 | 2.21 | 10.46 | 2.30 | 10.21 | 2.30 | 9.95 | 2.30 | 9.70 | 2.30 |

## ● Indoor unit : 9000Btu + 14000Btu + 24000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+14+24 | Outdoor temperature | -10 | -11 | 8.00 | 3.12 | 7.81 | 3.18 | 7.62 | 3.25 | 7.43 | 3.31 | 7.24 | 3.38 |
| | | -5 | -7 | 9.00 | 3.26 | 8.78 | 3.32 | 8.57 | 3.39 | 8.35 | 3.46 | 8.14 | 3.53 |
| | | 0 | -2 | 10.37 | 3.43 | 10.12 | 3.50 | 9.88 | 3.57 | 9.63 | 3.58 | 9.38 | 3.58 |
| | | 5 | 3 | 11.68 | 3.44 | 11.40 | 3.51 | 11.13 | 3.58 | 10.85 | 3.58 | 10.57 | 3.58 |
| | | 7 | 6 | 12.50 | 3.44 | 12.20 | 3.51 | 11.90 | 3.58 | 11.60 | 3.58 | 11.31 | 3.58 |
| | | 10 | 8 | 12.99 | 3.44 | 12.69 | 3.51 | 12.38 | 3.58 | 12.07 | 3.58 | 11.76 | 3.58 |
| | | 15 | 10 | 12.93 | 3.19 | 12.62 | 3.25 | 12.32 | 3.32 | 12.01 | 3.34 | 11.70 | 3.34 |
| | | 20 | 15 | 11.00 | 2.21 | 10.73 | 2.30 | 10.47 | 2.30 | 10.21 | 2.30 | 9.95 | 2.30 |

TC : Total Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO∗G30L4

## ● Indoor unit : 9000Btu + 18000Btu + 18000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+18+18 | Outdoor temperature | -10 | -11 | 8.06 | 3.08 | 7.87 | 3.14 | 7.68 | 3.20 | 7.49 | 3.27 | 7.30 | 3.33 |
| | | -5 | -7 | 9.07 | 3.21 | 8.86 | 3.28 | 8.64 | 3.34 | 8.42 | 3.41 | 8.21 | 3.48 |
| | | 0 | -2 | 10.46 | 3.38 | 10.21 | 3.45 | 9.96 | 3.52 | 9.71 | 3.58 | 9.46 | 3.58 |
| | | 5 | 3 | 11.78 | 3.38 | 11.50 | 3.45 | 11.22 | 3.52 | 10.94 | 3.58 | 10.66 | 3.58 |
| | | 7 | 6 | 12.60 | 3.38 | 12.30 | 3.45 | 12.00 | 3.52 | 11.70 | 3.58 | 11.40 | 3.58 |
| | | 10 | 8 | 13.10 | 3.38 | 12.79 | 3.45 | 12.48 | 3.52 | 12.17 | 3.58 | 11.86 | 3.58 |
| | | 15 | 10 | 13.04 | 3.14 | 12.73 | 3.21 | 12.42 | 3.27 | 12.11 | 3.34 | 11.80 | 3.34 |
| | | 20 | 15 | 11.09 | 2.21 | 10.82 | 2.30 | 10.56 | 2.30 | 10.30 | 2.30 | 10.03 | 2.30 |

## ● Indoor unit : 12000Btu + 12000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 12+12+12 | Outdoor temperature | -10 | -11 | 7.25 | 3.18 | 7.07 | 3.25 | 6.90 | 3.32 | 6.73 | 3.38 | 6.56 | 3.45 |
| | | -5 | -7 | 8.00 | 3.28 | 7.81 | 3.35 | 7.62 | 3.42 | 7.43 | 3.49 | 7.24 | 3.56 |
| | | 0 | -2 | 9.08 | 3.35 | 8.87 | 3.42 | 8.65 | 3.49 | 8.44 | 3.56 | 8.22 | 3.58 |
| | | 5 | 3 | 10.06 | 3.35 | 9.82 | 3.42 | 9.58 | 3.49 | 9.34 | 3.58 | 9.10 | 3.58 |
| | | 7 | 6 | 10.82 | 3.35 | 10.56 | 3.42 | 10.30 | 3.49 | 10.04 | 3.58 | 9.79 | 3.58 |
| | | 10 | 8 | 11.25 | 3.35 | 10.98 | 3.42 | 10.71 | 3.49 | 10.44 | 3.58 | 10.18 | 3.58 |
| | | 15 | 10 | 11.19 | 3.12 | 10.93 | 3.18 | 10.66 | 3.25 | 10.39 | 3.31 | 10.13 | 3.34 |
| | | 20 | 15 | 9.52 | 2.21 | 9.29 | 2.30 | 9.06 | 2.30 | 8.84 | 2.30 | 8.61 | 2.30 |

## ● Indoor unit : 12000Btu + 12000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 12+12+14 | Outdoor temperature | -10 | -11 | 7.12 | 3.05 | 6.95 | 3.11 | 6.78 | 3.18 | 6.61 | 3.24 | 6.44 | 3.30 |
| | | -5 | -7 | 8.01 | 3.18 | 7.82 | 3.25 | 7.63 | 3.32 | 7.44 | 3.38 | 7.25 | 3.45 |
| | | 0 | -2 | 9.24 | 3.35 | 9.02 | 3.42 | 8.80 | 3.49 | 8.58 | 3.56 | 8.36 | 3.58 |
| | | 5 | 3 | 10.41 | 3.35 | 10.16 | 3.42 | 9.91 | 3.49 | 9.66 | 3.58 | 9.42 | 3.58 |
| | | 7 | 6 | 11.13 | 3.35 | 10.87 | 3.42 | 10.60 | 3.49 | 10.34 | 3.58 | 10.07 | 3.58 |
| | | 10 | 8 | 11.58 | 3.35 | 11.30 | 3.42 | 11.02 | 3.49 | 10.75 | 3.58 | 10.47 | 3.58 |
| | | 15 | 10 | 11.52 | 3.12 | 11.25 | 3.18 | 10.97 | 3.25 | 10.70 | 3.31 | 10.42 | 3.34 |
| | | 20 | 15 | 9.79 | 2.21 | 9.56 | 2.30 | 9.33 | 2.30 | 9.09 | 2.30 | 8.86 | 2.30 |

## ● Indoor unit : 12000Btu + 12000Btu + 18000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 12+12+18 | Outdoor temperature | -10 | -11 | 7.80 | 3.08 | 7.61 | 3.14 | 7.42 | 3.20 | 7.24 | 3.27 | 7.05 | 3.33 |
| | | -5 | -7 | 8.77 | 3.21 | 8.56 | 3.28 | 8.35 | 3.34 | 8.14 | 3.41 | 7.93 | 3.48 |
| | | 0 | -2 | 10.11 | 3.38 | 9.87 | 3.45 | 9.63 | 3.52 | 9.39 | 3.58 | 9.15 | 3.58 |
| | | 5 | 3 | 11.39 | 3.38 | 11.12 | 3.45 | 10.85 | 3.52 | 10.57 | 3.58 | 10.30 | 3.58 |
| | | 7 | 6 | 12.18 | 3.38 | 11.89 | 3.45 | 11.60 | 3.52 | 11.31 | 3.58 | 11.02 | 3.58 |
| | | 10 | 8 | 12.67 | 3.38 | 12.37 | 3.45 | 12.06 | 3.52 | 11.76 | 3.58 | 11.46 | 3.58 |
| | | 15 | 10 | 12.61 | 3.14 | 12.31 | 3.21 | 12.01 | 3.27 | 11.71 | 3.34 | 11.41 | 3.34 |
| | | 20 | 15 | 10.72 | 2.21 | 10.46 | 2.30 | 10.21 | 2.30 | 9.95 | 2.30 | 9.70 | 2.30 |

TC : Total Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO∗G30L4

## ● Indoor unit : 12000Btu + 12000Btu + 24000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 12+12+24 | Outdoor temperature | -10 | -11 | 7.93 | 3.09 | 7.74 | 3.16 | 7.55 | 3.22 | 7.36 | 3.29 | 7.17 | 3.35 |
| | | -5 | -7 | 8.92 | 3.23 | 8.71 | 3.30 | 8.50 | 3.36 | 8.28 | 3.43 | 8.07 | 3.50 |
| | | 0 | -2 | 10.28 | 3.40 | 10.04 | 3.47 | 9.79 | 3.54 | 9.55 | 3.58 | 9.30 | 3.58 |
| | | 5 | 3 | 11.58 | 3.40 | 11.31 | 3.47 | 11.03 | 3.54 | 10.76 | 3.58 | 10.48 | 3.58 |
| | | 7 | 6 | 12.39 | 3.40 | 12.10 | 3.47 | 11.80 | 3.54 | 11.51 | 3.58 | 11.21 | 3.58 |
| | | 10 | 8 | 12.89 | 3.40 | 12.58 | 3.47 | 12.27 | 3.54 | 11.97 | 3.58 | 11.66 | 3.58 |
| | | 15 | 10 | 12.82 | 3.16 | 12.52 | 3.23 | 12.21 | 3.29 | 11.91 | 3.34 | 11.60 | 3.34 |
| | | 20 | 15 | 10.90 | 2.21 | 10.64 | 2.30 | 10.38 | 2.30 | 10.12 | 2.30 | 9.86 | 2.30 |

## ● Indoor unit : 12000Btu + 14000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 12+14+14 | Outdoor temperature | -10 | -11 | 7.26 | 3.06 | 7.08 | 3.12 | 6.91 | 3.19 | 6.74 | 3.25 | 6.57 | 3.31 |
| | | -5 | -7 | 8.16 | 3.19 | 7.97 | 3.26 | 7.78 | 3.33 | 7.58 | 3.39 | 7.39 | 3.46 |
| | | 0 | -2 | 9.41 | 3.36 | 9.19 | 3.43 | 8.96 | 3.50 | 8.74 | 3.57 | 8.52 | 3.58 |
| | | 5 | 3 | 10.60 | 3.36 | 10.35 | 3.43 | 10.10 | 3.50 | 9.85 | 3.58 | 9.59 | 3.58 |
| | | 7 | 6 | 11.34 | 3.36 | 11.07 | 3.43 | 10.80 | 3.50 | 10.53 | 3.58 | 10.26 | 3.58 |
| | | 10 | 8 | 11.79 | 3.36 | 11.51 | 3.43 | 11.23 | 3.50 | 10.95 | 3.58 | 10.67 | 3.58 |
| | | 15 | 10 | 11.74 | 3.12 | 11.46 | 3.19 | 11.18 | 3.26 | 10.90 | 3.32 | 10.62 | 3.34 |
| | | 20 | 15 | 9.98 | 2.21 | 9.74 | 2.30 | 9.50 | 2.30 | 9.27 | 2.30 | 9.03 | 2.30 |

## ● Indoor unit : 12000Btu + 14000Btu + 18000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 12+14+18 | Outdoor temperature | -10 | -11 | 7.80 | 3.05 | 7.61 | 3.11 | 7.42 | 3.18 | 7.24 | 3.24 | 7.05 | 3.30 |
| | | -5 | -7 | 8.77 | 3.18 | 8.56 | 3.25 | 8.35 | 3.32 | 8.14 | 3.38 | 7.93 | 3.45 |
| | | 0 | -2 | 10.11 | 3.35 | 9.87 | 3.42 | 9.63 | 3.49 | 9.39 | 3.56 | 9.15 | 3.58 |
| | | 5 | 3 | 11.39 | 3.35 | 11.12 | 3.42 | 10.85 | 3.49 | 10.57 | 3.58 | 10.30 | 3.58 |
| | | 7 | 6 | 12.18 | 3.35 | 11.89 | 3.42 | 11.60 | 3.49 | 11.31 | 3.58 | 11.02 | 3.58 |
| | | 10 | 8 | 12.67 | 3.35 | 12.37 | 3.42 | 12.06 | 3.49 | 11.76 | 3.58 | 11.46 | 3.58 |
| | | 15 | 10 | 12.61 | 3.12 | 12.31 | 3.18 | 12.01 | 3.25 | 11.71 | 3.31 | 11.41 | 3.34 |
| | | 20 | 15 | 10.72 | 2.21 | 10.46 | 2.30 | 10.21 | 2.30 | 9.95 | 2.30 | 9.70 | 2.30 |

## ● Indoor unit : 12000Btu + 18000Btu + 18000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 12+18+18 | Outdoor temperature | -10 | -11 | 8.06 | 3.08 | 7.87 | 3.14 | 7.68 | 3.20 | 7.49 | 3.27 | 7.30 | 3.33 |
| | | -5 | -7 | 9.07 | 3.21 | 8.86 | 3.28 | 8.64 | 3.34 | 8.42 | 3.41 | 8.21 | 3.48 |
| | | 0 | -2 | 10.46 | 3.38 | 10.21 | 3.45 | 9.96 | 3.52 | 9.71 | 3.58 | 9.46 | 3.58 |
| | | 5 | 3 | 11.78 | 3.38 | 11.50 | 3.45 | 11.22 | 3.52 | 10.94 | 3.58 | 10.66 | 3.58 |
| | | 7 | 6 | 12.60 | 3.38 | 12.30 | 3.45 | 12.00 | 3.52 | 11.70 | 3.58 | 11.40 | 3.58 |
| | | 10 | 8 | 13.10 | 3.38 | 12.79 | 3.45 | 12.48 | 3.52 | 12.17 | 3.58 | 11.86 | 3.58 |
| | | 15 | 10 | 13.04 | 3.14 | 12.73 | 3.21 | 12.42 | 3.27 | 12.11 | 3.34 | 11.80 | 3.34 |
| | | 20 | 15 | 11.09 | 2.21 | 10.82 | 2.30 | 10.56 | 2.30 | 10.30 | 2.30 | 10.03 | 2.30 |

TC : Total Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO∗G30L4

## ● Indoor unit : 7000Btu + 7000Btu + 7000Btu + 7000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7+7+7 | Outdoor temperature | -10 | -11 | 7.71 | 3.20 | 7.53 | 3.26 | 7.34 | 3.33 | 7.16 | 3.40 | 6.98 | 3.46 |
| | | -5 | -7 | 8.51 | 3.30 | 8.30 | 3.37 | 8.10 | 3.44 | 7.90 | 3.50 | 7.70 | 3.57 |
| | | 0 | -2 | 9.53 | 3.23 | 9.30 | 3.30 | 9.07 | 3.37 | 8.85 | 3.43 | 8.62 | 3.50 |
| | | 5 | 3 | 10.55 | 3.33 | 10.30 | 3.40 | 10.04 | 3.47 | 9.79 | 3.54 | 9.54 | 3.58 |
| | | 7 | 6 | 11.34 | 3.33 | 11.07 | 3.40 | 10.80 | 3.47 | 10.53 | 3.54 | 10.26 | 3.58 |
| | | 10 | 8 | 11.79 | 3.33 | 11.51 | 3.40 | 11.23 | 3.47 | 10.95 | 3.54 | 10.67 | 3.58 |
| | | 15 | 10 | 11.79 | 3.10 | 11.51 | 3.16 | 11.23 | 3.23 | 10.95 | 3.29 | 10.67 | 3.34 |
| | | 20 | 15 | 10.21 | 2.21 | 9.96 | 2.30 | 9.72 | 2.30 | 9.48 | 2.30 | 9.23 | 2.30 |

## ● Indoor unit : 7000Btu + 7000Btu + 7000Btu + 9000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7+7+9 | Outdoor temperature | -10 | -11 | 7.78 | 3.23 | 7.60 | 3.30 | 7.41 | 3.37 | 7.23 | 3.44 | 7.04 | 3.50 |
| | | -5 | -7 | 8.58 | 3.34 | 8.38 | 3.41 | 8.18 | 3.47 | 7.97 | 3.54 | 7.77 | 3.58 |
| | | 0 | -2 | 9.61 | 3.27 | 9.38 | 3.34 | 9.16 | 3.40 | 8.93 | 3.47 | 8.70 | 3.54 |
| | | 5 | 3 | 10.64 | 3.37 | 10.39 | 3.44 | 10.14 | 3.51 | 9.88 | 3.58 | 9.63 | 3.58 |
| | | 7 | 6 | 11.45 | 3.37 | 11.17 | 3.44 | 10.90 | 3.51 | 10.63 | 3.58 | 10.36 | 3.58 |
| | | 10 | 8 | 11.90 | 3.37 | 11.62 | 3.44 | 11.34 | 3.51 | 11.05 | 3.58 | 10.77 | 3.58 |
| | | 15 | 10 | 11.90 | 3.13 | 11.62 | 3.20 | 11.34 | 3.26 | 11.05 | 3.33 | 10.77 | 3.34 |
| | | 20 | 15 | 10.30 | 2.21 | 10.06 | 2.30 | 9.81 | 2.30 | 9.56 | 2.30 | 9.32 | 2.30 |

## ● Indoor unit : 7000Btu + 7000Btu + 7000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7+7+12 | Outdoor temperature | -10 | -11 | 7.81 | 3.24 | 7.62 | 3.31 | 7.44 | 3.37 | 7.25 | 3.44 | 7.07 | 3.51 |
| | | -5 | -7 | 8.62 | 3.34 | 8.42 | 3.41 | 8.21 | 3.48 | 8.01 | 3.55 | 7.80 | 3.58 |
| | | 0 | -2 | 9.79 | 3.41 | 9.56 | 3.48 | 9.32 | 3.55 | 9.09 | 3.58 | 8.86 | 3.58 |
| | | 5 | 3 | 10.84 | 3.44 | 10.58 | 3.51 | 10.32 | 3.58 | 10.06 | 3.58 | 9.81 | 3.58 |
| | | 7 | 6 | 11.66 | 3.44 | 11.38 | 3.51 | 11.10 | 3.58 | 10.82 | 3.58 | 10.55 | 3.58 |
| | | 10 | 8 | 12.12 | 3.44 | 11.83 | 3.51 | 11.54 | 3.58 | 11.26 | 3.58 | 10.97 | 3.58 |
| | | 15 | 10 | 12.06 | 3.17 | 11.78 | 3.24 | 11.49 | 3.30 | 11.20 | 3.34 | 10.91 | 3.34 |
| | | 20 | 15 | 10.26 | 2.21 | 10.01 | 2.30 | 9.77 | 2.30 | 9.52 | 2.30 | 9.28 | 2.30 |

## ● Indoor unit : 7000Btu + 7000Btu + 7000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7+7+14 | Outdoor temperature | -10 | -11 | 7.95 | 3.25 | 7.76 | 3.31 | 7.57 | 3.38 | 7.38 | 3.45 | 7.19 | 3.52 |
| | | -5 | -7 | 8.78 | 3.35 | 8.57 | 3.42 | 8.36 | 3.49 | 8.15 | 3.56 | 7.94 | 3.58 |
| | | 0 | -2 | 9.97 | 3.42 | 9.73 | 3.49 | 9.49 | 3.56 | 9.25 | 3.58 | 9.02 | 3.58 |
| | | 5 | 3 | 11.03 | 3.44 | 10.77 | 3.51 | 10.51 | 3.58 | 10.25 | 3.58 | 9.98 | 3.58 |
| | | 7 | 6 | 11.87 | 3.44 | 11.58 | 3.51 | 11.30 | 3.58 | 11.02 | 3.58 | 10.74 | 3.58 |
| | | 10 | 8 | 12.34 | 3.44 | 12.05 | 3.51 | 11.75 | 3.58 | 11.46 | 3.58 | 11.16 | 3.58 |
| | | 15 | 10 | 12.28 | 3.18 | 11.99 | 3.24 | 11.70 | 3.31 | 11.40 | 3.34 | 11.11 | 3.34 |
| | | 20 | 15 | 10.44 | 2.21 | 10.19 | 2.30 | 9.94 | 2.30 | 9.70 | 2.30 | 9.45 | 2.30 |

TC : Total Capacity (kW)
IP : Input Power (kW)

## ● Indoor unit : 7000Btu + 7000Btu + 7000Btu + 18000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7+7+18 | Outdoor temperature | -10 | -11 | 8.06 | 3.11 | 7.87 | 3.17 | 7.68 | 3.24 | 7.49 | 3.30 | 7.30 | 3.37 |
| | | -5 | -7 | 9.07 | 3.25 | 8.86 | 3.31 | 8.64 | 3.38 | 8.42 | 3.45 | 8.21 | 3.52 |
| | | 0 | -2 | 10.46 | 3.42 | 10.21 | 3.49 | 9.96 | 3.56 | 9.71 | 3.58 | 9.46 | 3.58 |
| | | 5 | 3 | 11.78 | 3.44 | 11.50 | 3.51 | 11.22 | 3.58 | 10.94 | 3.58 | 10.66 | 3.58 |
| | | 7 | 6 | 12.60 | 3.44 | 12.30 | 3.51 | 12.00 | 3.58 | 11.70 | 3.58 | 11.40 | 3.58 |
| | | 10 | 8 | 13.10 | 3.44 | 12.79 | 3.51 | 12.48 | 3.58 | 12.17 | 3.58 | 11.86 | 3.58 |
| | | 15 | 10 | 13.04 | 3.18 | 12.73 | 3.24 | 12.42 | 3.31 | 12.11 | 3.34 | 11.80 | 3.34 |
| | | 20 | 15 | 11.09 | 2.21 | 10.82 | 2.30 | 10.56 | 2.30 | 10.30 | 2.30 | 10.03 | 2.30 |

## ● Indoor unit : 7000Btu + 7000Btu + 9000Btu + 9000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7+9+9 | Outdoor temperature | -10 | -11 | 7.67 | 3.14 | 7.49 | 3.20 | 7.30 | 3.27 | 7.12 | 3.33 | 6.94 | 3.40 |
| | | -5 | -7 | 8.47 | 3.24 | 8.27 | 3.30 | 8.07 | 3.37 | 7.86 | 3.44 | 7.66 | 3.51 |
| | | 0 | -2 | 9.61 | 3.30 | 9.38 | 3.37 | 9.16 | 3.44 | 8.93 | 3.51 | 8.70 | 3.58 |
| | | 5 | 3 | 10.64 | 3.30 | 10.39 | 3.37 | 10.14 | 3.44 | 9.88 | 3.51 | 9.63 | 3.58 |
| | | 7 | 6 | 11.45 | 3.30 | 11.17 | 3.37 | 10.90 | 3.44 | 10.63 | 3.51 | 10.36 | 3.58 |
| | | 10 | 8 | 11.90 | 3.30 | 11.62 | 3.37 | 11.34 | 3.44 | 11.05 | 3.51 | 10.77 | 3.58 |
| | | 15 | 10 | 11.85 | 3.07 | 11.56 | 3.14 | 11.28 | 3.20 | 11.00 | 3.26 | 10.72 | 3.33 |
| | | 20 | 15 | 10.07 | 2.21 | 9.83 | 2.30 | 9.59 | 2.30 | 9.35 | 2.30 | 9.11 | 2.30 |

## ● Indoor unit : 7000Btu + 7000Btu + 9000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7+9+12 | Outdoor temperature | -10 | -11 | 7.81 | 3.23 | 7.62 | 3.30 | 7.44 | 3.36 | 7.25 | 3.43 | 7.07 | 3.50 |
| | | -5 | -7 | 8.62 | 3.33 | 8.42 | 3.40 | 8.21 | 3.47 | 8.01 | 3.54 | 7.80 | 3.58 |
| | | 0 | -2 | 9.79 | 3.40 | 9.56 | 3.47 | 9.32 | 3.54 | 9.09 | 3.58 | 8.86 | 3.58 |
| | | 5 | 3 | 10.84 | 3.40 | 10.58 | 3.47 | 10.32 | 3.54 | 10.06 | 3.58 | 9.81 | 3.58 |
| | | 7 | 6 | 11.66 | 3.40 | 11.38 | 3.47 | 11.10 | 3.54 | 10.82 | 3.58 | 10.55 | 3.58 |
| | | 10 | 8 | 12.12 | 3.40 | 11.83 | 3.47 | 11.54 | 3.54 | 11.26 | 3.58 | 10.97 | 3.58 |
| | | 15 | 10 | 12.06 | 3.16 | 11.78 | 3.23 | 11.49 | 3.29 | 11.20 | 3.34 | 10.91 | 3.34 |
| | | 20 | 15 | 10.26 | 2.21 | 10.01 | 2.30 | 9.77 | 2.30 | 9.52 | 2.30 | 9.28 | 2.30 |

## ● Indoor unit : 7000Btu + 7000Btu + 9000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7+9+14 | Outdoor temperature | -10 | -11 | 7.66 | 3.09 | 7.48 | 3.16 | 7.30 | 3.22 | 7.11 | 3.29 | 6.93 | 3.35 |
| | | -5 | -7 | 8.62 | 3.23 | 8.41 | 3.30 | 8.21 | 3.36 | 8.00 | 3.43 | 7.80 | 3.50 |
| | | 0 | -2 | 9.94 | 3.40 | 9.70 | 3.47 | 9.46 | 3.54 | 9.23 | 3.58 | 8.99 | 3.58 |
| | | 5 | 3 | 11.19 | 3.40 | 10.93 | 3.47 | 10.66 | 3.54 | 10.39 | 3.58 | 10.13 | 3.58 |
| | | 7 | 6 | 11.97 | 3.40 | 11.69 | 3.47 | 11.40 | 3.54 | 11.12 | 3.58 | 10.83 | 3.58 |
| | | 10 | 8 | 12.45 | 3.40 | 12.15 | 3.47 | 11.86 | 3.54 | 11.56 | 3.58 | 11.26 | 3.58 |
| | | 15 | 10 | 12.39 | 3.16 | 12.09 | 3.23 | 11.80 | 3.29 | 11.50 | 3.34 | 11.21 | 3.34 |
| | | 20 | 15 | 10.53 | 2.21 | 10.28 | 2.30 | 10.03 | 2.30 | 9.78 | 2.30 | 9.53 | 2.30 |

TC : Total Capacity (kW)
IP : Input Power (kW)

## ● Indoor unit : 7000Btu + 7000Btu + 9000Btu + 18000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7+9+18 | Outdoor temperature | -10 | -11 | 8.06 | 3.10 | 7.87 | 3.17 | 7.68 | 3.23 | 7.49 | 3.30 | 7.30 | 3.36 |
| | | -5 | -7 | 9.07 | 3.24 | 8.86 | 3.31 | 8.64 | 3.37 | 8.42 | 3.44 | 8.21 | 3.51 |
| | | 0 | -2 | 10.46 | 3.41 | 10.21 | 3.48 | 9.96 | 3.55 | 9.71 | 3.58 | 9.46 | 3.58 |
| | | 5 | 3 | 11.78 | 3.44 | 11.50 | 3.51 | 11.22 | 3.58 | 10.94 | 3.58 | 10.66 | 3.58 |
| | | 7 | 6 | 12.60 | 3.44 | 12.30 | 3.51 | 12.00 | 3.58 | 11.70 | 3.58 | 11.40 | 3.58 |
| | | 10 | 8 | 13.10 | 3.44 | 12.79 | 3.51 | 12.48 | 3.58 | 12.17 | 3.58 | 11.86 | 3.58 |
| | | 15 | 10 | 13.04 | 3.17 | 12.73 | 3.24 | 12.42 | 3.30 | 12.11 | 3.34 | 11.80 | 3.34 |
| | | 20 | 15 | 11.09 | 2.21 | 10.82 | 2.30 | 10.56 | 2.30 | 10.30 | 2.30 | 10.03 | 2.30 |

## ● Indoor unit : 7000Btu + 7000Btu + 12000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7+12+12 | Outdoor temperature | -10 | -11 | 7.59 | 3.12 | 7.41 | 3.18 | 7.23 | 3.25 | 7.05 | 3.31 | 6.87 | 3.38 |
| | | -5 | -7 | 8.54 | 3.26 | 8.34 | 3.32 | 8.14 | 3.39 | 7.93 | 3.46 | 7.73 | 3.53 |
| | | 0 | -2 | 9.85 | 3.43 | 9.61 | 3.50 | 9.38 | 3.57 | 9.14 | 3.58 | 8.91 | 3.58 |
| | | 5 | 3 | 11.09 | 3.44 | 10.83 | 3.51 | 10.57 | 3.58 | 10.30 | 3.58 | 10.04 | 3.58 |
| | | 7 | 6 | 11.87 | 3.44 | 11.58 | 3.51 | 11.30 | 3.58 | 11.02 | 3.58 | 10.74 | 3.58 |
| | | 10 | 8 | 12.34 | 3.44 | 12.05 | 3.51 | 11.75 | 3.58 | 11.46 | 3.58 | 11.16 | 3.58 |
| | | 15 | 10 | 12.28 | 3.19 | 11.99 | 3.25 | 11.70 | 3.32 | 11.40 | 3.34 | 11.11 | 3.34 |
| | | 20 | 15 | 10.44 | 2.21 | 10.19 | 2.30 | 9.94 | 2.30 | 9.70 | 2.30 | 9.45 | 2.30 |

## ● Indoor unit : 7000Btu + 7000Btu + 12000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7+12+14 | Outdoor temperature | -10 | -11 | 7.73 | 3.13 | 7.54 | 3.19 | 7.36 | 3.26 | 7.18 | 3.32 | 6.99 | 3.39 |
| | | -5 | -7 | 8.69 | 3.26 | 8.49 | 3.33 | 8.28 | 3.40 | 8.07 | 3.47 | 7.87 | 3.54 |
| | | 0 | -2 | 10.02 | 3.44 | 9.78 | 3.51 | 9.55 | 3.58 | 9.31 | 3.58 | 9.07 | 3.58 |
| | | 5 | 3 | 11.29 | 3.44 | 11.02 | 3.51 | 10.75 | 3.58 | 10.48 | 3.58 | 10.21 | 3.58 |
| | | 7 | 6 | 12.08 | 3.44 | 11.79 | 3.51 | 11.50 | 3.58 | 11.21 | 3.58 | 10.93 | 3.58 |
| | | 10 | 8 | 12.56 | 3.44 | 12.26 | 3.51 | 11.96 | 3.58 | 11.66 | 3.58 | 11.36 | 3.58 |
| | | 15 | 10 | 12.50 | 3.20 | 12.20 | 3.26 | 11.90 | 3.33 | 11.60 | 3.34 | 11.31 | 3.34 |
| | | 20 | 15 | 10.63 | 2.21 | 10.37 | 2.30 | 10.12 | 2.30 | 9.87 | 2.30 | 9.61 | 2.30 |

## ● Indoor unit : 7000Btu + 7000Btu + 12000Btu + 18000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7+12+18 | Outdoor temperature | -10 | -11 | 8.06 | 3.13 | 7.87 | 3.19 | 7.68 | 3.26 | 7.49 | 3.32 | 7.30 | 3.39 |
| | | -5 | -7 | 9.07 | 3.26 | 8.86 | 3.33 | 8.64 | 3.40 | 8.42 | 3.47 | 8.21 | 3.54 |
| | | 0 | -2 | 10.46 | 3.44 | 10.21 | 3.51 | 9.96 | 3.58 | 9.71 | 3.58 | 9.46 | 3.58 |
| | | 5 | 3 | 11.78 | 3.44 | 11.50 | 3.51 | 11.22 | 3.58 | 10.94 | 3.58 | 10.66 | 3.58 |
| | | 7 | 6 | 12.60 | 3.44 | 12.30 | 3.51 | 12.00 | 3.58 | 11.70 | 3.58 | 11.40 | 3.58 |
| | | 10 | 8 | 13.10 | 3.44 | 12.79 | 3.51 | 12.48 | 3.58 | 12.17 | 3.58 | 11.86 | 3.58 |
| | | 15 | 10 | 13.04 | 3.20 | 12.73 | 3.26 | 12.42 | 3.33 | 12.11 | 3.34 | 11.80 | 3.34 |
| | | 20 | 15 | 11.09 | 2.21 | 10.82 | 2.30 | 10.56 | 2.30 | 10.30 | 2.30 | 10.03 | 2.30 |

TC : Total Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO*G30L4

## ● Indoor unit : 7000Btu + 7000Btu + 14000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7+14+14 | Outdoor temperature | -10 | -11 | 7.93 | 3.13 | 7.74 | 3.19 | 7.55 | 3.26 | 7.36 | 3.32 | 7.17 | 3.39 |
| | | -5 | -7 | 8.92 | 3.26 | 8.71 | 3.33 | 8.50 | 3.40 | 8.28 | 3.47 | 8.07 | 3.54 |
| | | 0 | -2 | 10.28 | 3.44 | 10.04 | 3.51 | 9.79 | 3.58 | 9.55 | 3.58 | 9.30 | 3.58 |
| | | 5 | 3 | 11.58 | 3.44 | 11.31 | 3.51 | 11.03 | 3.58 | 10.76 | 3.58 | 10.48 | 3.58 |
| | | 7 | 6 | 12.39 | 3.44 | 12.10 | 3.51 | 11.80 | 3.58 | 11.51 | 3.58 | 11.21 | 3.58 |
| | | 10 | 8 | 12.89 | 3.44 | 12.58 | 3.51 | 12.27 | 3.58 | 11.97 | 3.58 | 11.66 | 3.58 |
| | | 15 | 10 | 12.82 | 3.20 | 12.52 | 3.26 | 12.21 | 3.33 | 11.91 | 3.34 | 11.60 | 3.34 |
| | | 20 | 15 | 10.90 | 2.21 | 10.64 | 2.30 | 10.38 | 2.30 | 10.12 | 2.30 | 9.86 | 2.30 |

## ● Indoor unit : 7000Btu + 7000Btu + 14000Btu + 18000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+7+14+18 | Outdoor temperature | -10 | -11 | 8.06 | 3.11 | 7.87 | 3.17 | 7.68 | 3.24 | 7.49 | 3.30 | 7.30 | 3.37 |
| | | -5 | -7 | 9.07 | 3.25 | 8.86 | 3.31 | 8.64 | 3.38 | 8.42 | 3.45 | 8.21 | 3.52 |
| | | 0 | -2 | 10.46 | 3.42 | 10.21 | 3.49 | 9.96 | 3.56 | 9.71 | 3.58 | 9.46 | 3.58 |
| | | 5 | 3 | 11.78 | 3.44 | 11.50 | 3.51 | 11.22 | 3.58 | 10.94 | 3.58 | 10.66 | 3.58 |
| | | 7 | 6 | 12.60 | 3.44 | 12.30 | 3.51 | 12.00 | 3.58 | 11.70 | 3.58 | 11.40 | 3.58 |
| | | 10 | 8 | 13.10 | 3.44 | 12.79 | 3.51 | 12.48 | 3.58 | 12.17 | 3.58 | 11.86 | 3.58 |
| | | 15 | 10 | 13.04 | 3.18 | 12.73 | 3.24 | 12.42 | 3.31 | 12.11 | 3.34 | 11.80 | 3.34 |
| | | 20 | 15 | 11.09 | 2.21 | 10.82 | 2.30 | 10.56 | 2.30 | 10.30 | 2.30 | 10.03 | 2.30 |

## ● Indoor unit : 7000Btu + 9000Btu + 9000Btu + 9000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+9+9+9 | Outdoor temperature | -10 | -11 | 7.88 | 3.23 | 7.69 | 3.30 | 7.50 | 3.36 | 7.32 | 3.43 | 7.13 | 3.50 |
| | | -5 | -7 | 8.70 | 3.33 | 8.50 | 3.40 | 8.29 | 3.47 | 8.08 | 3.54 | 7.87 | 3.58 |
| | | 0 | -2 | 9.88 | 3.40 | 9.64 | 3.47 | 9.41 | 3.54 | 9.17 | 3.58 | 8.94 | 3.58 |
| | | 5 | 3 | 10.94 | 3.40 | 10.68 | 3.47 | 10.42 | 3.54 | 10.16 | 3.58 | 9.90 | 3.58 |
| | | 7 | 6 | 11.76 | 3.40 | 11.48 | 3.47 | 11.20 | 3.54 | 10.92 | 3.58 | 10.64 | 3.58 |
| | | 10 | 8 | 12.23 | 3.40 | 11.94 | 3.47 | 11.65 | 3.54 | 11.36 | 3.58 | 11.07 | 3.58 |
| | | 15 | 10 | 12.17 | 3.16 | 11.88 | 3.23 | 11.59 | 3.29 | 11.30 | 3.34 | 11.01 | 3.34 |
| | | 20 | 15 | 10.35 | 2.21 | 10.10 | 2.30 | 9.86 | 2.30 | 9.61 | 2.30 | 9.36 | 2.30 |

## ● Indoor unit : 7000Btu + 9000Btu + 9000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+9+9+12 | Outdoor temperature | -10 | -11 | 7.59 | 3.13 | 7.41 | 3.19 | 7.23 | 3.26 | 7.05 | 3.32 | 6.87 | 3.39 |
| | | -5 | -7 | 8.54 | 3.26 | 8.34 | 3.33 | 8.14 | 3.40 | 7.93 | 3.47 | 7.73 | 3.54 |
| | | 0 | -2 | 9.85 | 3.44 | 9.61 | 3.51 | 9.38 | 3.58 | 9.14 | 3.58 | 8.91 | 3.58 |
| | | 5 | 3 | 11.09 | 3.44 | 10.83 | 3.51 | 10.57 | 3.58 | 10.30 | 3.58 | 10.04 | 3.58 |
| | | 7 | 6 | 11.87 | 3.44 | 11.58 | 3.51 | 11.30 | 3.58 | 11.02 | 3.58 | 10.74 | 3.58 |
| | | 10 | 8 | 12.34 | 3.44 | 12.05 | 3.51 | 11.75 | 3.58 | 11.46 | 3.58 | 11.16 | 3.58 |
| | | 15 | 10 | 12.28 | 3.20 | 11.99 | 3.26 | 11.70 | 3.33 | 11.40 | 3.34 | 11.11 | 3.34 |
| | | 20 | 15 | 10.44 | 2.21 | 10.19 | 2.30 | 9.94 | 2.30 | 9.70 | 2.30 | 9.45 | 2.30 |

TC : Total Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO*G30L4

## ● Indoor unit : 7000Btu + 9000Btu + 9000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+9+9+14 | Outdoor temperature | -10 | -11 | 7.73 | 3.13 | 7.54 | 3.19 | 7.36 | 3.26 | 7.18 | 3.32 | 6.99 | 3.39 |
| | | -5 | -7 | 8.69 | 3.26 | 8.49 | 3.33 | 8.28 | 3.40 | 8.07 | 3.47 | 7.87 | 3.54 |
| | | 0 | -2 | 10.02 | 3.44 | 9.78 | 3.51 | 9.55 | 3.58 | 9.31 | 3.58 | 9.07 | 3.58 |
| | | 5 | 3 | 11.29 | 3.44 | 11.02 | 3.51 | 10.75 | 3.58 | 10.48 | 3.58 | 10.21 | 3.58 |
| | | 7 | 6 | 12.08 | 3.44 | 11.79 | 3.51 | 11.50 | 3.58 | 11.21 | 3.58 | 10.93 | 3.58 |
| | | 10 | 8 | 12.56 | 3.44 | 12.26 | 3.51 | 11.96 | 3.58 | 11.66 | 3.58 | 11.36 | 3.58 |
| | | 15 | 10 | 12.50 | 3.20 | 12.20 | 3.26 | 11.90 | 3.33 | 11.60 | 3.34 | 11.31 | 3.34 |
| | | 20 | 15 | 10.63 | 2.21 | 10.37 | 2.30 | 10.12 | 2.30 | 9.87 | 2.30 | 9.61 | 2.30 |

## ● Indoor unit : 7000Btu + 9000Btu + 9000Btu + 18000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+9+9+18 | Outdoor temperature | -10 | -11 | 8.06 | 3.13 | 7.87 | 3.19 | 7.68 | 3.26 | 7.49 | 3.32 | 7.30 | 3.39 |
| | | -5 | -7 | 9.07 | 3.26 | 8.86 | 3.33 | 8.64 | 3.40 | 8.42 | 3.47 | 8.21 | 3.54 |
| | | 0 | -2 | 10.46 | 3.44 | 10.21 | 3.51 | 9.96 | 3.58 | 9.71 | 3.58 | 9.46 | 3.58 |
| | | 5 | 3 | 11.78 | 3.44 | 11.50 | 3.51 | 11.22 | 3.58 | 10.94 | 3.58 | 10.66 | 3.58 |
| | | 7 | 6 | 12.60 | 3.44 | 12.30 | 3.51 | 12.00 | 3.58 | 11.70 | 3.58 | 11.40 | 3.58 |
| | | 10 | 8 | 13.10 | 3.44 | 12.79 | 3.51 | 12.48 | 3.58 | 12.17 | 3.58 | 11.86 | 3.58 |
| | | 15 | 10 | 13.04 | 3.20 | 12.73 | 3.26 | 12.42 | 3.33 | 12.11 | 3.34 | 11.80 | 3.34 |
| | | 20 | 15 | 11.09 | 2.21 | 10.82 | 2.30 | 10.56 | 2.30 | 10.30 | 2.30 | 10.03 | 2.30 |

## ● Indoor unit : 7000Btu + 9000Btu + 12000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+9+12+12 | Outdoor temperature | -10 | -11 | 7.66 | 3.13 | 7.48 | 3.19 | 7.30 | 3.26 | 7.11 | 3.32 | 6.93 | 3.39 |
| | | -5 | -7 | 8.62 | 3.26 | 8.41 | 3.33 | 8.21 | 3.40 | 8.00 | 3.47 | 7.80 | 3.54 |
| | | 0 | -2 | 9.94 | 3.44 | 9.70 | 3.51 | 9.46 | 3.58 | 9.23 | 3.58 | 8.99 | 3.58 |
| | | 5 | 3 | 11.19 | 3.44 | 10.93 | 3.51 | 10.66 | 3.58 | 10.39 | 3.58 | 10.13 | 3.58 |
| | | 7 | 6 | 11.97 | 3.44 | 11.69 | 3.51 | 11.40 | 3.58 | 11.12 | 3.58 | 10.83 | 3.58 |
| | | 10 | 8 | 12.45 | 3.44 | 12.15 | 3.51 | 11.86 | 3.58 | 11.56 | 3.58 | 11.26 | 3.58 |
| | | 15 | 10 | 12.39 | 3.20 | 12.09 | 3.26 | 11.80 | 3.33 | 11.50 | 3.34 | 11.21 | 3.34 |
| | | 20 | 15 | 10.53 | 2.21 | 10.28 | 2.30 | 10.03 | 2.30 | 9.78 | 2.30 | 9.53 | 2.30 |

## ● Indoor unit : 7000Btu + 9000Btu + 12000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+9+12+14 | Outdoor temperature | -10 | -11 | 7.80 | 3.13 | 7.61 | 3.19 | 7.42 | 3.26 | 7.24 | 3.32 | 7.05 | 3.39 |
| | | -5 | -7 | 8.77 | 3.26 | 8.56 | 3.33 | 8.35 | 3.40 | 8.14 | 3.47 | 7.93 | 3.54 |
| | | 0 | -2 | 10.11 | 3.44 | 9.87 | 3.51 | 9.63 | 3.58 | 9.39 | 3.58 | 9.15 | 3.58 |
| | | 5 | 3 | 11.39 | 3.44 | 11.12 | 3.51 | 10.85 | 3.58 | 10.57 | 3.58 | 10.30 | 3.58 |
| | | 7 | 6 | 12.18 | 3.44 | 11.89 | 3.51 | 11.60 | 3.58 | 11.31 | 3.58 | 11.02 | 3.58 |
| | | 10 | 8 | 12.67 | 3.44 | 12.37 | 3.51 | 12.06 | 3.58 | 11.76 | 3.58 | 11.46 | 3.58 |
| | | 15 | 10 | 12.61 | 3.20 | 12.31 | 3.26 | 12.01 | 3.33 | 11.71 | 3.34 | 11.41 | 3.34 |
| | | 20 | 15 | 10.72 | 2.21 | 10.46 | 2.30 | 10.21 | 2.30 | 9.95 | 2.30 | 9.70 | 2.30 |

TC : Total Capacity (kW)
IP : Input Power (kW)

## ● Indoor unit : 7000Btu + 9000Btu + 12000Btu + 18000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+9+12+18 | Outdoor temperature | -10 | -11 | 8.06 | 3.13 | 7.87 | 3.19 | 7.68 | 3.26 | 7.49 | 3.32 | 7.30 | 3.39 |
| | | -5 | -7 | 9.07 | 3.26 | 8.86 | 3.33 | 8.64 | 3.40 | 8.42 | 3.47 | 8.21 | 3.54 |
| | | 0 | -2 | 10.46 | 3.44 | 10.21 | 3.51 | 9.96 | 3.58 | 9.71 | 3.58 | 9.46 | 3.58 |
| | | 5 | 3 | 11.78 | 3.44 | 11.50 | 3.51 | 11.22 | 3.58 | 10.94 | 3.58 | 10.66 | 3.58 |
| | | 7 | 6 | 12.60 | 3.44 | 12.30 | 3.51 | 12.00 | 3.58 | 11.70 | 3.58 | 11.40 | 3.58 |
| | | 10 | 8 | 13.10 | 3.44 | 12.79 | 3.51 | 12.48 | 3.58 | 12.17 | 3.58 | 11.86 | 3.58 |
| | | 15 | 10 | 13.04 | 3.20 | 12.73 | 3.26 | 12.42 | 3.33 | 12.11 | 3.34 | 11.80 | 3.34 |
| | | 20 | 15 | 11.09 | 2.21 | 10.82 | 2.30 | 10.56 | 2.30 | 10.30 | 2.30 | 10.03 | 2.30 |

## ● Indoor unit : 7000Btu + 9000Btu + 14000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+9+14+14 | Outdoor temperature | -10 | -11 | 7.93 | 3.13 | 7.74 | 3.19 | 7.55 | 3.26 | 7.36 | 3.32 | 7.17 | 3.39 |
| | | -5 | -7 | 8.92 | 3.26 | 8.71 | 3.33 | 8.50 | 3.40 | 8.28 | 3.47 | 8.07 | 3.54 |
| | | 0 | -2 | 10.28 | 3.44 | 10.04 | 3.51 | 9.79 | 3.58 | 9.55 | 3.58 | 9.30 | 3.58 |
| | | 5 | 3 | 11.58 | 3.44 | 11.31 | 3.51 | 11.03 | 3.58 | 10.76 | 3.58 | 10.48 | 3.58 |
| | | 7 | 6 | 12.39 | 3.44 | 12.10 | 3.51 | 11.80 | 3.58 | 11.51 | 3.58 | 11.21 | 3.58 |
| | | 10 | 8 | 12.89 | 3.44 | 12.58 | 3.51 | 12.27 | 3.58 | 11.97 | 3.58 | 11.66 | 3.58 |
| | | 15 | 10 | 12.82 | 3.20 | 12.52 | 3.26 | 12.21 | 3.33 | 11.91 | 3.34 | 11.60 | 3.34 |
| | | 20 | 15 | 10.90 | 2.21 | 10.64 | 2.30 | 10.38 | 2.30 | 10.12 | 2.30 | 9.86 | 2.30 |

## ● Indoor unit : 7000Btu + 9000Btu + 14000Btu + 18000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+9+14+18 | Outdoor temperature | -10 | -11 | 8.06 | 3.13 | 7.87 | 3.19 | 7.68 | 3.26 | 7.49 | 3.32 | 7.30 | 3.39 |
| | | -5 | -7 | 9.07 | 3.26 | 8.86 | 3.33 | 8.64 | 3.40 | 8.42 | 3.47 | 8.21 | 3.54 |
| | | 0 | -2 | 10.46 | 3.44 | 10.21 | 3.51 | 9.96 | 3.58 | 9.71 | 3.58 | 9.46 | 3.58 |
| | | 5 | 3 | 11.78 | 3.44 | 11.50 | 3.51 | 11.22 | 3.58 | 10.94 | 3.58 | 10.66 | 3.58 |
| | | 7 | 6 | 12.60 | 3.44 | 12.30 | 3.51 | 12.00 | 3.58 | 11.70 | 3.58 | 11.40 | 3.58 |
| | | 10 | 8 | 13.10 | 3.44 | 12.79 | 3.51 | 12.48 | 3.58 | 12.17 | 3.58 | 11.86 | 3.58 |
| | | 15 | 10 | 13.04 | 3.20 | 12.73 | 3.26 | 12.42 | 3.33 | 12.11 | 3.34 | 11.80 | 3.34 |
| | | 20 | 15 | 11.09 | 2.21 | 10.82 | 2.30 | 10.56 | 2.30 | 10.30 | 2.30 | 10.03 | 2.30 |

## ● Indoor unit : 7000Btu + 12000Btu + 12000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+12+12+12 | Outdoor temperature | -10 | -11 | 7.73 | 3.13 | 7.54 | 3.19 | 7.36 | 3.26 | 7.18 | 3.32 | 6.99 | 3.39 |
| | | -5 | -7 | 8.69 | 3.26 | 8.49 | 3.33 | 8.28 | 3.40 | 8.07 | 3.47 | 7.87 | 3.54 |
| | | 0 | -2 | 10.02 | 3.44 | 9.78 | 3.51 | 9.55 | 3.58 | 9.31 | 3.58 | 9.07 | 3.58 |
| | | 5 | 3 | 11.29 | 3.44 | 11.02 | 3.51 | 10.75 | 3.58 | 10.48 | 3.58 | 10.21 | 3.58 |
| | | 7 | 6 | 12.08 | 3.44 | 11.79 | 3.51 | 11.50 | 3.58 | 11.21 | 3.58 | 10.93 | 3.58 |
| | | 10 | 8 | 12.56 | 3.44 | 12.26 | 3.51 | 11.96 | 3.58 | 11.66 | 3.58 | 11.36 | 3.58 |
| | | 15 | 10 | 12.50 | 3.20 | 12.20 | 3.26 | 11.90 | 3.33 | 11.60 | 3.34 | 11.31 | 3.34 |
| | | 20 | 15 | 10.63 | 2.21 | 10.37 | 2.30 | 10.12 | 2.30 | 9.87 | 2.30 | 9.61 | 2.30 |

TC : Total Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO*G30L4

## ● Indoor unit : 7000Btu + 12000Btu + 12000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+12+12+14 | Outdoor temperature | -10 | -11 | 7.86 | 3.13 | 7.68 | 3.19 | 7.49 | 3.26 | 7.30 | 3.32 | 7.11 | 3.39 |
| | | -5 | -7 | 8.85 | 3.26 | 8.63 | 3.33 | 8.42 | 3.40 | 8.21 | 3.47 | 8.00 | 3.54 |
| | | 0 | -2 | 10.20 | 3.44 | 9.95 | 3.51 | 9.71 | 3.58 | 9.47 | 3.58 | 9.23 | 3.58 |
| | | 5 | 3 | 11.49 | 3.44 | 11.21 | 3.51 | 10.94 | 3.58 | 10.67 | 3.58 | 10.39 | 3.58 |
| | | 7 | 6 | 12.29 | 3.44 | 11.99 | 3.51 | 11.70 | 3.58 | 11.41 | 3.58 | 11.12 | 3.58 |
| | | 10 | 8 | 12.78 | 3.44 | 12.47 | 3.51 | 12.17 | 3.58 | 11.86 | 3.58 | 11.56 | 3.58 |
| | | 15 | 10 | 12.71 | 3.20 | 12.41 | 3.26 | 12.11 | 3.33 | 11.81 | 3.34 | 11.50 | 3.34 |
| | | 20 | 15 | 10.81 | 2.21 | 10.55 | 2.30 | 10.30 | 2.30 | 10.04 | 2.30 | 9.78 | 2.30 |

## ● Indoor unit : 7000Btu + 12000Btu + 12000Btu + 18000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+12+12+18 | Outdoor temperature | -10 | -11 | 8.06 | 3.11 | 7.87 | 3.17 | 7.68 | 3.24 | 7.49 | 3.30 | 7.30 | 3.37 |
| | | -5 | -7 | 9.07 | 3.25 | 8.86 | 3.31 | 8.64 | 3.38 | 8.42 | 3.45 | 8.21 | 3.52 |
| | | 0 | -2 | 10.46 | 3.42 | 10.21 | 3.49 | 9.96 | 3.56 | 9.71 | 3.58 | 9.46 | 3.58 |
| | | 5 | 3 | 11.78 | 3.44 | 11.50 | 3.51 | 11.22 | 3.58 | 10.94 | 3.58 | 10.66 | 3.58 |
| | | 7 | 6 | 12.60 | 3.44 | 12.30 | 3.51 | 12.00 | 3.58 | 11.70 | 3.58 | 11.40 | 3.58 |
| | | 10 | 8 | 13.10 | 3.44 | 12.79 | 3.51 | 12.48 | 3.58 | 12.17 | 3.58 | 11.86 | 3.58 |
| | | 15 | 10 | 13.04 | 3.18 | 12.73 | 3.24 | 12.42 | 3.31 | 12.11 | 3.34 | 11.80 | 3.34 |
| | | 20 | 15 | 11.09 | 2.21 | 10.82 | 2.30 | 10.56 | 2.30 | 10.30 | 2.30 | 10.03 | 2.30 |

## ● Indoor unit : 7000Btu + 12000Btu + 14000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 7+12+14+14 | Outdoor temperature | -10 | -11 | 8.00 | 3.13 | 7.81 | 3.19 | 7.62 | 3.26 | 7.43 | 3.32 | 7.24 | 3.39 |
| | | -5 | -7 | 9.00 | 3.26 | 8.78 | 3.33 | 8.57 | 3.40 | 8.35 | 3.47 | 8.14 | 3.54 |
| | | 0 | -2 | 10.37 | 3.44 | 10.12 | 3.51 | 9.88 | 3.58 | 9.63 | 3.58 | 9.38 | 3.58 |
| | | 5 | 3 | 11.68 | 3.44 | 11.40 | 3.51 | 11.13 | 3.58 | 10.85 | 3.58 | 10.57 | 3.58 |
| | | 7 | 6 | 12.50 | 3.44 | 12.20 | 3.51 | 11.90 | 3.58 | 11.60 | 3.58 | 11.31 | 3.58 |
| | | 10 | 8 | 12.99 | 3.44 | 12.69 | 3.51 | 12.38 | 3.58 | 12.07 | 3.58 | 11.76 | 3.58 |
| | | 15 | 10 | 12.93 | 3.20 | 12.62 | 3.26 | 12.32 | 3.33 | 12.01 | 3.34 | 11.70 | 3.34 |
| | | 20 | 15 | 11.00 | 2.21 | 10.73 | 2.30 | 10.47 | 2.30 | 10.21 | 2.30 | 9.95 | 2.30 |

## ● Indoor unit : 9000Btu + 9000Btu + 9000Btu + 9000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+9+9+9 | Outdoor temperature | -10 | -11 | 7.95 | 3.26 | 7.76 | 3.33 | 7.57 | 3.40 | 7.38 | 3.47 | 7.19 | 3.54 |
| | | -5 | -7 | 8.78 | 3.37 | 8.57 | 3.44 | 8.36 | 3.51 | 8.15 | 3.58 | 7.94 | 3.58 |
| | | 0 | -2 | 9.97 | 3.44 | 9.73 | 3.51 | 9.49 | 3.58 | 9.25 | 3.58 | 9.02 | 3.58 |
| | | 5 | 3 | 11.03 | 3.44 | 10.77 | 3.51 | 10.51 | 3.58 | 10.25 | 3.58 | 9.98 | 3.58 |
| | | 7 | 6 | 11.87 | 3.44 | 11.58 | 3.51 | 11.30 | 3.58 | 11.02 | 3.58 | 10.74 | 3.58 |
| | | 10 | 8 | 12.34 | 3.44 | 12.05 | 3.51 | 11.75 | 3.58 | 11.46 | 3.58 | 11.16 | 3.58 |
| | | 15 | 10 | 12.28 | 3.20 | 11.99 | 3.26 | 11.70 | 3.33 | 11.40 | 3.34 | 11.11 | 3.34 |
| | | 20 | 15 | 10.44 | 2.21 | 10.19 | 2.30 | 9.94 | 2.30 | 9.70 | 2.30 | 9.45 | 2.30 |

TC : Total Capacity (kW)
IP : Input Power (kW)

## ● Indoor unit : 9000Btu + 9000Btu + 9000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+9+9+12 | Outdoor temperature | -10 | -11 | 7.66 | 3.13 | 7.48 | 3.19 | 7.30 | 3.26 | 7.11 | 3.32 | 6.93 | 3.39 |
| | | -5 | -7 | 8.62 | 3.26 | 8.41 | 3.33 | 8.21 | 3.40 | 8.00 | 3.47 | 7.80 | 3.54 |
| | | 0 | -2 | 9.94 | 3.44 | 9.70 | 3.51 | 9.46 | 3.58 | 9.23 | 3.58 | 8.99 | 3.58 |
| | | 5 | 3 | 11.19 | 3.44 | 10.93 | 3.51 | 10.66 | 3.58 | 10.39 | 3.58 | 10.13 | 3.58 |
| | | 7 | 6 | 11.97 | 3.44 | 11.69 | 3.51 | 11.40 | 3.58 | 11.12 | 3.58 | 10.83 | 3.58 |
| | | 10 | 8 | 12.45 | 3.44 | 12.15 | 3.51 | 11.86 | 3.58 | 11.56 | 3.58 | 11.26 | 3.58 |
| | | 15 | 10 | 12.39 | 3.20 | 12.09 | 3.26 | 11.80 | 3.33 | 11.50 | 3.34 | 11.21 | 3.34 |
| | | 20 | 15 | 10.53 | 2.21 | 10.28 | 2.30 | 10.03 | 2.30 | 9.78 | 2.30 | 9.53 | 2.30 |

OUTDOOR UNIT
AO∗G30L4

## ● Indoor unit : 9000Btu + 9000Btu + 9000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+9+9+14 | Outdoor temperature | -10 | -11 | 7.80 | 3.13 | 7.61 | 3.19 | 7.42 | 3.26 | 7.24 | 3.32 | 7.05 | 3.39 |
| | | -5 | -7 | 8.77 | 3.26 | 8.56 | 3.33 | 8.35 | 3.40 | 8.14 | 3.47 | 7.93 | 3.54 |
| | | 0 | -2 | 10.11 | 3.44 | 9.87 | 3.51 | 9.63 | 3.58 | 9.39 | 3.58 | 9.15 | 3.58 |
| | | 5 | 3 | 11.39 | 3.44 | 11.12 | 3.51 | 10.85 | 3.58 | 10.57 | 3.58 | 10.30 | 3.58 |
| | | 7 | 6 | 12.18 | 3.44 | 11.89 | 3.51 | 11.60 | 3.58 | 11.31 | 3.58 | 11.02 | 3.58 |
| | | 10 | 8 | 12.67 | 3.44 | 12.37 | 3.51 | 12.06 | 3.58 | 11.76 | 3.58 | 11.46 | 3.58 |
| | | 15 | 10 | 12.61 | 3.20 | 12.31 | 3.26 | 12.01 | 3.33 | 11.71 | 3.34 | 11.41 | 3.34 |
| | | 20 | 15 | 10.72 | 2.21 | 10.46 | 2.30 | 10.21 | 2.30 | 9.95 | 2.30 | 9.70 | 2.30 |

## ● Indoor unit* : 9000Btu + 9000Btu + 9000Btu + 18000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+9+9+18 | Outdoor temperature | -10 | -11 | 8.06 | 3.13 | 7.87 | 3.19 | 7.68 | 3.26 | 7.49 | 3.32 | 7.30 | 3.39 |
| | | -5 | -7 | 9.07 | 3.26 | 8.86 | 3.33 | 8.64 | 3.40 | 8.42 | 3.47 | 8.21 | 3.54 |
| | | 0 | -2 | 10.46 | 3.44 | 10.21 | 3.51 | 9.96 | 3.58 | 9.71 | 3.58 | 9.46 | 3.58 |
| | | 5 | 3 | 11.78 | 3.44 | 11.50 | 3.51 | 11.22 | 3.58 | 10.94 | 3.58 | 10.66 | 3.58 |
| | | 7 | 6 | 12.60 | 3.44 | 12.30 | 3.51 | 12.00 | 3.58 | 11.70 | 3.58 | 11.40 | 3.58 |
| | | 10 | 8 | 13.10 | 3.44 | 12.79 | 3.51 | 12.48 | 3.58 | 12.17 | 3.58 | 11.86 | 3.58 |
| | | 15 | 10 | 13.04 | 3.20 | 12.73 | 3.26 | 12.42 | 3.33 | 12.11 | 3.34 | 11.80 | 3.34 |
| | | 20 | 15 | 11.09 | 2.21 | 10.82 | 2.30 | 10.56 | 2.30 | 10.30 | 2.30 | 10.03 | 2.30 |

* : The pattern including " AR∗G09L + AR∗G09L + AR∗G09L + AS∗G18L " can not be connected.

## ● Indoor unit : 9000Btu + 9000Btu + 12000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+9+12+12 | Outdoor temperature | -10 | -11 | 7.73 | 3.13 | 7.54 | 3.19 | 7.36 | 3.26 | 7.18 | 3.32 | 6.99 | 3.39 |
| | | -5 | -7 | 8.69 | 3.26 | 8.49 | 3.33 | 8.28 | 3.40 | 8.07 | 3.47 | 7.87 | 3.54 |
| | | 0 | -2 | 10.02 | 3.44 | 9.78 | 3.51 | 9.55 | 3.58 | 9.31 | 3.58 | 9.07 | 3.58 |
| | | 5 | 3 | 11.29 | 3.44 | 11.02 | 3.51 | 10.75 | 3.58 | 10.48 | 3.58 | 10.21 | 3.58 |
| | | 7 | 6 | 12.08 | 3.44 | 11.79 | 3.51 | 11.50 | 3.58 | 11.21 | 3.58 | 10.93 | 3.58 |
| | | 10 | 8 | 12.56 | 3.44 | 12.26 | 3.51 | 11.96 | 3.58 | 11.66 | 3.58 | 11.36 | 3.58 |
| | | 15 | 10 | 12.50 | 3.20 | 12.20 | 3.26 | 11.90 | 3.33 | 11.60 | 3.34 | 11.31 | 3.34 |
| | | 20 | 15 | 10.63 | 2.21 | 10.37 | 2.30 | 10.12 | 2.30 | 9.87 | 2.30 | 9.61 | 2.30 |

TC : Total Capacity (kW)
IP : Input Power (kW)

## ● Indoor unit : 9000Btu + 9000Btu + 12000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+9+12+14 | Outdoor temperature | -10 | -11 | 7.86 | 3.13 | 7.68 | 3.19 | 7.49 | 3.26 | 7.30 | 3.32 | 7.11 | 3.39 |
| | | -5 | -7 | 8.85 | 3.26 | 8.63 | 3.33 | 8.42 | 3.40 | 8.21 | 3.47 | 8.00 | 3.54 |
| | | 0 | -2 | 10.20 | 3.44 | 9.95 | 3.51 | 9.71 | 3.58 | 9.47 | 3.58 | 9.23 | 3.58 |
| | | 5 | 3 | 11.49 | 3.44 | 11.21 | 3.51 | 10.94 | 3.58 | 10.67 | 3.58 | 10.39 | 3.58 |
| | | 7 | 6 | 12.29 | 3.44 | 11.99 | 3.51 | 11.70 | 3.58 | 11.41 | 3.58 | 11.12 | 3.58 |
| | | 10 | 8 | 12.78 | 3.44 | 12.47 | 3.51 | 12.17 | 3.58 | 11.86 | 3.58 | 11.56 | 3.58 |
| | | 15 | 10 | 12.71 | 3.20 | 12.41 | 3.26 | 12.11 | 3.33 | 11.81 | 3.34 | 11.50 | 3.34 |
| | | 20 | 15 | 10.81 | 2.21 | 10.55 | 2.30 | 10.30 | 2.30 | 10.04 | 2.30 | 9.78 | 2.30 |

OUTDOOR UNIT
AO∗G30L4

## ● Indoor unit* : 9000Btu + 9000Btu + 12000Btu + 18000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+9+12+18 | Outdoor temperature | -10 | -11 | 8.06 | 3.13 | 7.87 | 3.19 | 7.68 | 3.26 | 7.49 | 3.32 | 7.30 | 3.39 |
| | | -5 | -7 | 9.07 | 3.26 | 8.86 | 3.33 | 8.64 | 3.40 | 8.42 | 3.47 | 8.21 | 3.54 |
| | | 0 | -2 | 10.46 | 3.44 | 10.21 | 3.51 | 9.96 | 3.58 | 9.71 | 3.58 | 9.46 | 3.58 |
| | | 5 | 3 | 11.78 | 3.44 | 11.50 | 3.51 | 11.22 | 3.58 | 10.94 | 3.58 | 10.66 | 3.58 |
| | | 7 | 6 | 12.60 | 3.44 | 12.30 | 3.51 | 12.00 | 3.58 | 11.70 | 3.58 | 11.40 | 3.58 |
| | | 10 | 8 | 13.10 | 3.44 | 12.79 | 3.51 | 12.48 | 3.58 | 12.17 | 3.58 | 11.86 | 3.58 |
| | | 15 | 10 | 13.04 | 3.20 | 12.73 | 3.26 | 12.42 | 3.33 | 12.11 | 3.34 | 11.80 | 3.34 |
| | | 20 | 15 | 11.09 | 2.21 | 10.82 | 2.30 | 10.56 | 2.30 | 10.30 | 2.30 | 10.03 | 2.30 |

* : The pattern including " AR∗G09L + AR∗G09L + AR∗G12L + AS∗G18L " can not be connected.

## ● Indoor unit : 9000Btu + 9000Btu + 14000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+9+14+14 | Outdoor temperature | -10 | -11 | 8.00 | 3.13 | 7.81 | 3.19 | 7.62 | 3.26 | 7.43 | 3.32 | 7.24 | 3.39 |
| | | -5 | -7 | 9.00 | 3.26 | 8.78 | 3.33 | 8.57 | 3.40 | 8.35 | 3.47 | 8.14 | 3.54 |
| | | 0 | -2 | 10.37 | 3.44 | 10.12 | 3.51 | 9.88 | 3.58 | 9.63 | 3.58 | 9.38 | 3.58 |
| | | 5 | 3 | 11.68 | 3.44 | 11.40 | 3.51 | 11.13 | 3.58 | 10.85 | 3.58 | 10.57 | 3.58 |
| | | 7 | 6 | 12.50 | 3.44 | 12.20 | 3.51 | 11.90 | 3.58 | 11.60 | 3.58 | 11.31 | 3.58 |
| | | 10 | 8 | 12.99 | 3.44 | 12.69 | 3.51 | 12.38 | 3.58 | 12.07 | 3.58 | 11.76 | 3.58 |
| | | 15 | 10 | 12.93 | 3.20 | 12.62 | 3.26 | 12.32 | 3.33 | 12.01 | 3.34 | 11.70 | 3.34 |
| | | 20 | 15 | 11.00 | 2.21 | 10.73 | 2.30 | 10.47 | 2.30 | 10.21 | 2.30 | 9.95 | 2.30 |

## ● Indoor unit : 9000Btu + 12000Btu + 12000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+12+12+12 | Outdoor temperature | -10 | -11 | 7.80 | 3.13 | 7.61 | 3.19 | 7.42 | 3.26 | 7.24 | 3.32 | 7.05 | 3.39 |
| | | -5 | -7 | 8.77 | 3.26 | 8.56 | 3.33 | 8.35 | 3.40 | 8.14 | 3.47 | 7.93 | 3.54 |
| | | 0 | -2 | 10.11 | 3.44 | 9.87 | 3.51 | 9.63 | 3.58 | 9.39 | 3.58 | 9.15 | 3.58 |
| | | 5 | 3 | 11.39 | 3.44 | 11.12 | 3.51 | 10.85 | 3.58 | 10.57 | 3.58 | 10.30 | 3.58 |
| | | 7 | 6 | 12.18 | 3.44 | 11.89 | 3.51 | 11.60 | 3.58 | 11.31 | 3.58 | 11.02 | 3.58 |
| | | 10 | 8 | 12.67 | 3.44 | 12.37 | 3.51 | 12.06 | 3.58 | 11.76 | 3.58 | 11.46 | 3.58 |
| | | 15 | 10 | 12.61 | 3.20 | 12.31 | 3.26 | 12.01 | 3.33 | 11.71 | 3.34 | 11.41 | 3.34 |
| | | 20 | 15 | 10.72 | 2.21 | 10.46 | 2.30 | 10.21 | 2.30 | 9.95 | 2.30 | 9.70 | 2.30 |

TC : Total Capacity (kW)
IP : Input Power (kW)

## ● Indoor unit : 9000Btu + 12000Btu + 12000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+12+12+14 | Outdoor temperature | -10 | -11 | 7.93 | 3.13 | 7.74 | 3.19 | 7.55 | 3.26 | 7.36 | 3.32 | 7.17 | 3.39 |
| | | -5 | -7 | 8.92 | 3.26 | 8.71 | 3.33 | 8.50 | 3.40 | 8.28 | 3.47 | 8.07 | 3.54 |
| | | 0 | -2 | 10.28 | 3.44 | 10.04 | 3.51 | 9.79 | 3.58 | 9.55 | 3.58 | 9.30 | 3.58 |
| | | 5 | 3 | 11.58 | 3.44 | 11.31 | 3.51 | 11.03 | 3.58 | 10.76 | 3.58 | 10.48 | 3.58 |
| | | 7 | 6 | 12.39 | 3.44 | 12.10 | 3.51 | 11.80 | 3.58 | 11.51 | 3.58 | 11.21 | 3.58 |
| | | 10 | 8 | 12.89 | 3.44 | 12.58 | 3.51 | 12.27 | 3.58 | 11.97 | 3.58 | 11.66 | 3.58 |
| | | 15 | 10 | 12.82 | 3.20 | 12.52 | 3.26 | 12.21 | 3.33 | 11.91 | 3.34 | 11.60 | 3.34 |
| | | 20 | 15 | 10.90 | 2.21 | 10.64 | 2.30 | 10.38 | 2.30 | 10.12 | 2.30 | 9.86 | 2.30 |

## ● Indoor unit : 9000Btu + 12000Btu + 14000Btu + 14000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 9+12+14+14 | Outdoor temperature | -10 | -11 | 8.00 | 3.13 | 7.81 | 3.19 | 7.62 | 3.26 | 7.43 | 3.32 | 7.24 | 3.39 |
| | | -5 | -7 | 9.00 | 3.26 | 8.78 | 3.33 | 8.57 | 3.40 | 8.35 | 3.47 | 8.14 | 3.54 |
| | | 0 | -2 | 10.37 | 3.44 | 10.12 | 3.51 | 9.88 | 3.58 | 9.63 | 3.58 | 9.38 | 3.58 |
| | | 5 | 3 | 11.68 | 3.44 | 11.40 | 3.51 | 11.13 | 3.58 | 10.85 | 3.58 | 10.57 | 3.58 |
| | | 7 | 6 | 12.50 | 3.44 | 12.20 | 3.51 | 11.90 | 3.58 | 11.60 | 3.58 | 11.31 | 3.58 |
| | | 10 | 8 | 12.99 | 3.44 | 12.69 | 3.51 | 12.38 | 3.58 | 12.07 | 3.58 | 11.76 | 3.58 |
| | | 15 | 10 | 12.93 | 3.20 | 12.62 | 3.26 | 12.32 | 3.33 | 12.01 | 3.34 | 11.70 | 3.34 |
| | | 20 | 15 | 11.00 | 2.21 | 10.73 | 2.30 | 10.47 | 2.30 | 10.21 | 2.30 | 9.95 | 2.30 |

## ● Indoor unit : 12000Btu + 12000Btu + 12000Btu + 12000Btu

| | | | | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 16°CDB | | 18°CDB | | 20°CDB | | 22°CDB | | 24°CDB | |
| | | (°CDB) | (°CWB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 12+12+12+12 | Outdoor temperature | -10 | -11 | 7.80 | 3.13 | 7.61 | 3.19 | 7.42 | 3.26 | 7.24 | 3.32 | 7.05 | 3.39 |
| | | -5 | -7 | 8.77 | 3.26 | 8.56 | 3.33 | 8.35 | 3.40 | 8.14 | 3.47 | 7.93 | 3.54 |
| | | 0 | -2 | 10.11 | 3.44 | 9.87 | 3.51 | 9.63 | 3.58 | 9.39 | 3.58 | 9.15 | 3.58 |
| | | 5 | 3 | 11.39 | 3.44 | 11.12 | 3.51 | 10.85 | 3.58 | 10.57 | 3.58 | 10.30 | 3.58 |
| | | 7 | 6 | 12.18 | 3.44 | 11.89 | 3.51 | 11.60 | 3.58 | 11.31 | 3.58 | 11.02 | 3.58 |
| | | 10 | 8 | 12.67 | 3.44 | 12.37 | 3.51 | 12.06 | 3.58 | 11.76 | 3.58 | 11.46 | 3.58 |
| | | 15 | 10 | 12.61 | 3.20 | 12.31 | 3.26 | 12.01 | 3.33 | 11.71 | 3.34 | 11.41 | 3.34 |
| | | 20 | 15 | 10.72 | 2.21 | 10.46 | 2.30 | 10.21 | 2.30 | 9.95 | 2.30 | 9.70 | 2.30 |

TC : Total Capacity (kW)
IP : Input Power (kW)

OUTDOOR UNIT
AO∗G30L4

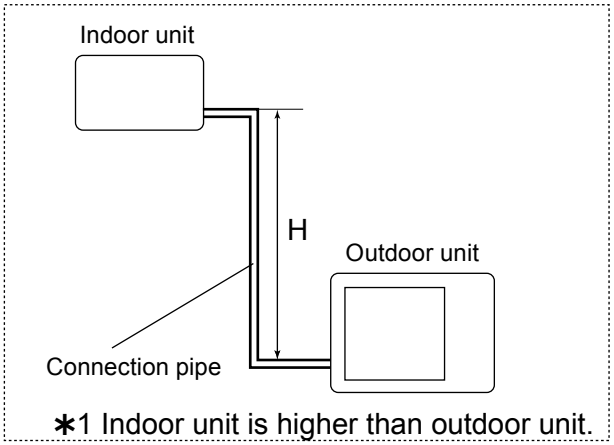
# 6. CAPACITY COMPENSATION RATE FOR PIPE LENGTH AND HEIGHT DEFFERENCE

## ■ INDOOR UNIT : 7000Btu (AO∗G30L4)

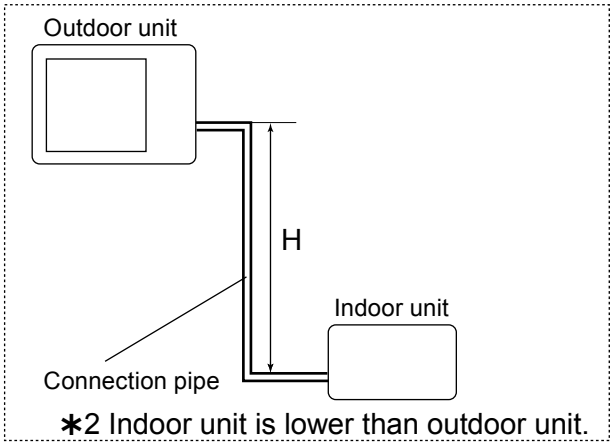
| COOLING | | | Pipe length (m) | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 5 | 7.5 | 10 | 15 | 20 | 25 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.955 | 0.941 | 0.927 |
| | | 10 | - | - | 0.976 | 0.962 | 0.949 | 0.935 |
| | | 7.5 | - | 0.988 | 0.980 | 0.966 | 0.952 | 0.939 |
| | | 5 | 0.992 | 0.992 | 0.984 | 0.970 | 0.956 | 0.942 |
| | | 0 | 1.000 | 1.000 | 0.992 | 0.978 | 0.964 | 0.950 |
| | ∗2 Indoor unit is lower than outdoor unit | -5 | 1.000 | 1.000 | 0.992 | 0.978 | 0.964 | 0.950 |
| | | -7.5 | - | 1.000 | 0.992 | 0.978 | 0.964 | 0.950 |
| | | -10 | - | - | 0.992 | 0.978 | 0.964 | 0.950 |
| | | -15 | - | - | - | 0.978 | 0.964 | 0.950 |

| HEATING | | | Pipe length (m) | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 5 | 7.5 | 10 | 15 | 20 | 25 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.976 | 0.957 | 0.938 |
| | | 10 | - | - | 0.991 | 0.976 | 0.957 | 0.938 |
| | | 7.5 | - | 1.000 | 0.991 | 0.976 | 0.957 | 0.938 |
| | | 5 | 1.000 | 1.000 | 0.991 | 0.976 | 0.957 | 0.938 |
| | | 0 | 1.000 | 1.000 | 0.991 | 0.976 | 0.957 | 0.938 |
| | ∗2 Indoor unit is lower than outdoor unit | -5 | 0.995 | 0.995 | 0.986 | 0.971 | 0.952 | 0.933 |
| | | -7.5 | - | 0.993 | 0.984 | 0.969 | 0.950 | 0.931 |
| | | -10 | - | - | 0.981 | 0.966 | 0.947 | 0.929 |
| | | -15 | - | - | - | 0.961 | 0.943 | 0.924 |

Height difference H




∗1 Indoor unit is higher than outdoor unit.




∗2 Indoor unit is lower than outdoor unit.

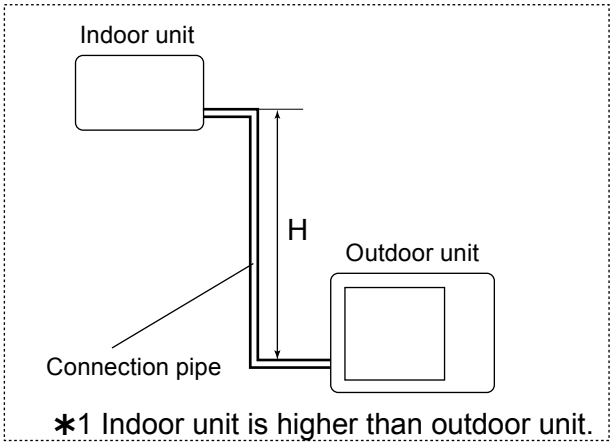

OUTDOOR UNIT AO∗G30L4

# ■ INDOOR UNIT : 9000Btu (AO∗G30L4)

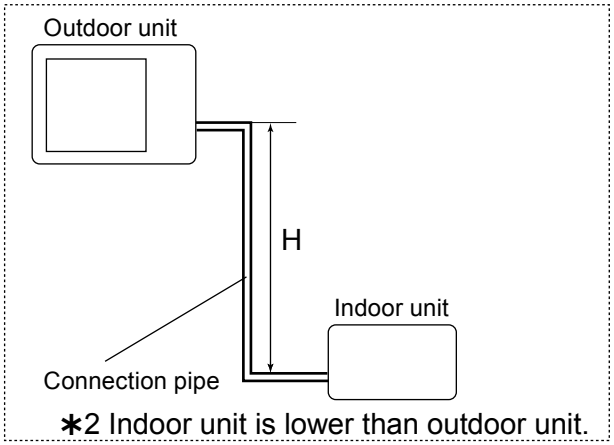
| COOLING | | | Pipe length (m) | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 5 | 7.5 | 10 | 15 | 20 | 25 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.956 | 0.942 | 0.928 |
| | | 10 | - | - | 0.977 | 0.963 | 0.950 | 0.936 |
| | | 7.5 | - | 0.988 | 0.981 | 0.967 | 0.954 | 0.940 |
| | | 5 | 0.992 | 0.992 | 0.985 | 0.971 | 0.957 | 0.943 |
| | | 0 | 1.000 | 1.000 | 0.993 | 0.979 | 0.965 | 0.951 |
| | ∗2 Indoor unit is lower than outdoor unit | -5 | 1.000 | 1.000 | 0.993 | 0.979 | 0.965 | 0.951 |
| | | -7.5 | - | 1.000 | 0.993 | 0.979 | 0.965 | 0.951 |
| | | -10 | - | - | 0.993 | 0.979 | 0.965 | 0.951 |
| | | -15 | - | - | - | 0.979 | 0.965 | 0.951 |

| HEATING | | | Pipe length (m) | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 5 | 7.5 | 10 | 15 | 20 | 25 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.977 | 0.958 | 0.939 |
| | | 10 | - | - | 0.993 | 0.977 | 0.958 | 0.939 |
| | | 7.5 | - | 1.000 | 0.993 | 0.977 | 0.958 | 0.939 |
| | | 5 | 1.000 | 1.000 | 0.993 | 0.977 | 0.958 | 0.939 |
| | | 0 | 1.000 | 1.000 | 0.993 | 0.977 | 0.958 | 0.939 |
| | ∗2 Indoor unit is lower than outdoor unit | -5 | 0.995 | 0.995 | 0.988 | 0.972 | 0.954 | 0.934 |
| | | -7.5 | - | 0.993 | 0.986 | 0.970 | 0.952 | 0.932 |
| | | -10 | - | - | 0.983 | 0.967 | 0.949 | 0.930 |
| | | -15 | - | - | - | 0.962 | 0.944 | 0.925 |

Height difference H




∗1 Indoor unit is higher than outdoor unit.




∗2 Indoor unit is lower than outdoor unit.

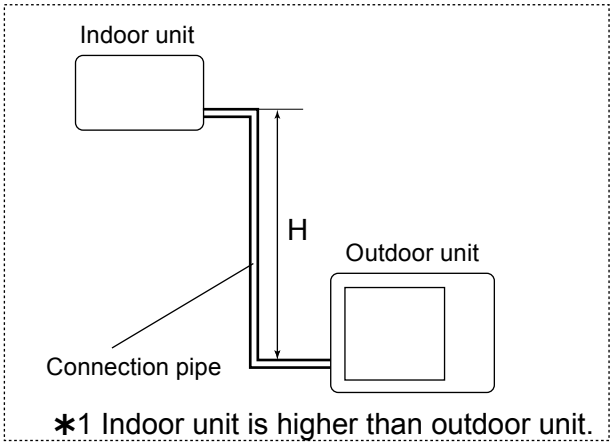
OUTDOOR UNIT
AO∗G30L4

# ■ INDOOR UNIT : 12000Btu (AO∗G30L4)

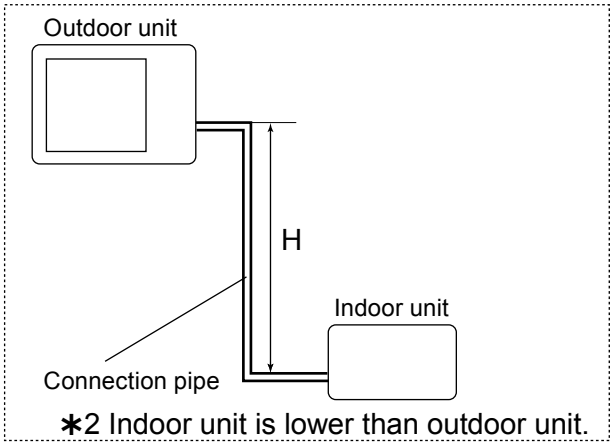
| COOLING | | | Pipe length (m) | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 5 | 7.5 | 10 | 15 | 20 | 25 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.937 | 0.912 | 0.888 |
| | | 10 | - | - | 0.970 | 0.944 | 0.919 | 0.896 |
| | | 7.5 | - | 0.988 | 0.974 | 0.948 | 0.923 | 0.899 |
| | | 5 | 0.992 | 0.992 | 0.978 | 0.952 | 0.927 | 0.903 |
| | | 0 | 1.000 | 1.000 | 0.986 | 0.960 | 0.934 | 0.910 |
| | ∗2 Indoor unit is lower than outdoor unit | -5 | 1.000 | 1.000 | 0.986 | 0.960 | 0.934 | 0.910 |
| | | -7.5 | - | 1.000 | 0.986 | 0.960 | 0.934 | 0.910 |
| | | -10 | - | - | 0.986 | 0.960 | 0.934 | 0.910 |
| | | -15 | - | - | - | 0.960 | 0.934 | 0.910 |

| HEATING | | | Pipe length (m) | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 5 | 7.5 | 10 | 15 | 20 | 25 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.977 | 0.958 | 0.938 |
| | | 10 | - | - | 0.993 | 0.977 | 0.958 | 0.938 |
| | | 7.5 | - | 1.000 | 0.993 | 0.977 | 0.958 | 0.938 |
| | | 5 | 1.000 | 1.000 | 0.993 | 0.977 | 0.958 | 0.938 |
| | | 0 | 1.000 | 1.000 | 0.993 | 0.977 | 0.958 | 0.938 |
| | ∗2 Indoor unit is lower than outdoor unit | -5 | 0.995 | 0.995 | 0.988 | 0.972 | 0.953 | 0.933 |
| | | -7.5 | - | 0.993 | 0.986 | 0.970 | 0.952 | 0.932 |
| | | -10 | - | - | 0.983 | 0.967 | 0.949 | 0.929 |
| | | -15 | - | - | - | 0.962 | 0.944 | 0.924 |

Height difference H




∗1 Indoor unit is higher than outdoor unit.




∗2 Indoor unit is lower than outdoor unit.

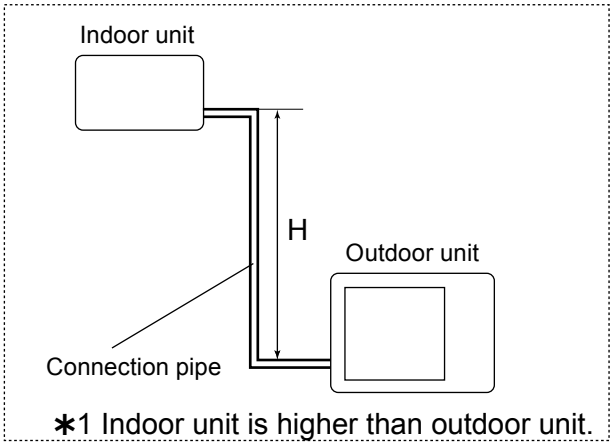
OUTDOOR UNIT
AO∗G30L4

# ■ INDOOR UNIT : 14000Btu (AO∗G30L4)

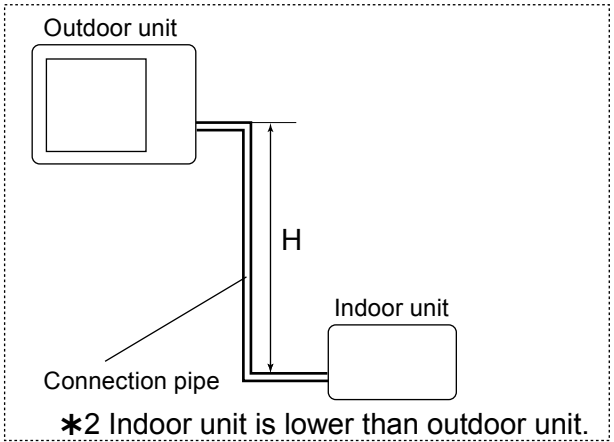
| COOLING | | | Pipe length (m) | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 5 | 7.5 | 10 | 15 | 20 | 25 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.955 | 0.937 | 0.922 |
| | | 10 | - | - | 0.974 | 0.962 | 0.945 | 0.930 |
| | | 7.5 | - | 0.988 | 0.978 | 0.966 | 0.948 | 0.934 |
| | | 5 | 0.992 | 0.992 | 0.982 | 0.970 | 0.952 | 0.937 |
| | | 0 | 1.000 | 1.000 | 0.990 | 0.978 | 0.960 | 0.945 |
| | ∗2 Indoor unit is lower than outdoor unit | -5 | 1.000 | 1.000 | 0.990 | 0.978 | 0.960 | 0.945 |
| | | -7.5 | - | 1.000 | 0.990 | 0.978 | 0.960 | 0.945 |
| | | -10 | - | - | 0.990 | 0.978 | 0.960 | 0.945 |
| | | -15 | - | - | - | 0.978 | 0.960 | 0.945 |

| HEATING | | | Pipe length (m) | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 5 | 7.5 | 10 | 15 | 20 | 25 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.972 | 0.945 | 0.919 |
| | | 10 | - | - | 0.992 | 0.972 | 0.945 | 0.919 |
| | | 7.5 | - | 1.000 | 0.992 | 0.972 | 0.945 | 0.919 |
| | | 5 | 1.000 | 1.000 | 0.992 | 0.972 | 0.945 | 0.919 |
| | | 0 | 1.000 | 1.000 | 0.992 | 0.972 | 0.945 | 0.919 |
| | ∗2 Indoor unit is lower than outdoor unit | -5 | 0.995 | 0.995 | 0.987 | 0.967 | 0.940 | 0.914 |
| | | -7.5 | - | 0.993 | 0.985 | 0.965 | 0.938 | 0.912 |
| | | -10 | - | - | 0.982 | 0.962 | 0.935 | 0.910 |
| | | -15 | - | - | - | 0.957 | 0.930 | 0.905 |

Height difference H




∗1 Indoor unit is higher than outdoor unit.




∗2 Indoor unit is lower than outdoor unit.

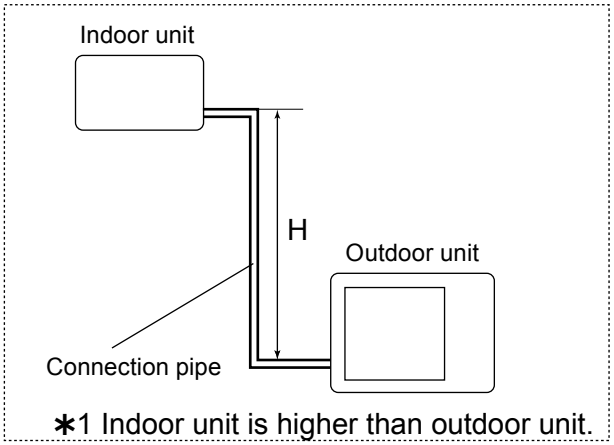
OUTDOOR UNIT
AO∗G30L4

# ■ INDOOR UNIT : 18000Btu (AO∗G30L4)

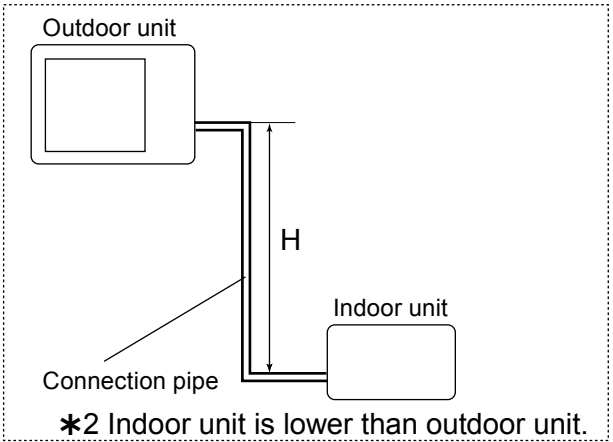
| COOLING | | | Pipe length (m) | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 5 | 7.5 | 10 | 15 | 20 | 25 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.968 | 0.961 | 0.954 |
| | | 10 | - | - | 0.982 | 0.976 | 0.969 | 0.962 |
| | | 7.5 | - | 0.988 | 0.986 | 0.980 | 0.973 | 0.966 |
| | | 5 | 0.992 | 0.992 | 0.990 | 0.984 | 0.977 | 0.970 |
| | | 0 | 1.000 | 1.000 | 0.998 | 0.992 | 0.985 | 0.978 |
| | ∗2 Indoor unit is lower than outdoor unit | -5 | 1.000 | 1.000 | 0.998 | 0.992 | 0.985 | 0.978 |
| | | -7.5 | - | 1.000 | 0.998 | 0.992 | 0.985 | 0.978 |
| | | -10 | - | - | 0.998 | 0.992 | 0.985 | 0.978 |
| | | -15 | - | - | - | 0.992 | 0.985 | 0.978 |

| HEATING | | | Pipe length (m) | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 5 | 7.5 | 10 | 15 | 20 | 25 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.967 | 0.943 | 0.917 |
| | | 10 | - | - | 0.990 | 0.967 | 0.943 | 0.917 |
| | | 7.5 | - | 1.000 | 0.990 | 0.967 | 0.943 | 0.917 |
| | | 5 | 1.000 | 1.000 | 0.990 | 0.967 | 0.943 | 0.917 |
| | | 0 | 1.000 | 1.000 | 0.990 | 0.967 | 0.943 | 0.917 |
| | ∗2 Indoor unit is lower than outdoor unit | -5 | 0.995 | 0.995 | 0.985 | 0.962 | 0.938 | 0.912 |
| | | -7.5 | - | 0.993 | 0.983 | 0.960 | 0.936 | 0.910 |
| | | -10 | - | - | 0.980 | 0.958 | 0.933 | 0.908 |
| | | -15 | - | - | - | 0.953 | 0.929 | 0.903 |

Height difference H




∗1 Indoor unit is higher than outdoor unit.




∗2 Indoor unit is lower than outdoor unit.

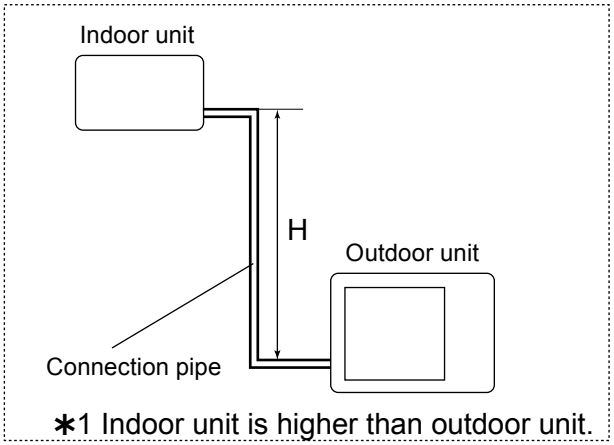
OUTDOOR UNIT
AO∗G30L4

# ■ INDOOR UNIT : 24000Btu (AO∗G30L4)

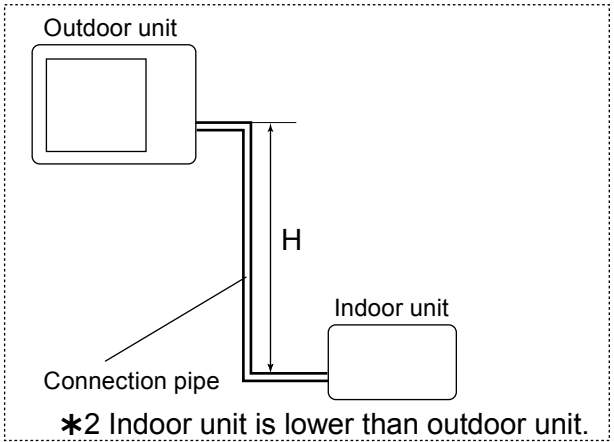
| COOLING | | | Pipe length (m) | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 5 | 7.5 | 10 | 15 | 20 | 25 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.978 | 0.969 | 0.953 |
| | | 10 | - | - | 0.986 | 0.986 | 0.977 | 0.961 |
| | | 7.5 | - | 0.988 | 0.990 | 0.990 | 0.981 | 0.965 |
| | | 5 | 0.992 | 0.992 | 0.994 | 0.994 | 0.984 | 0.968 |
| | | 0 | 1.000 | 1.000 | 1.002 | 1.002 | 0.992 | 0.976 |
| | ∗2 Indoor unit is lower than outdoor unit | -5 | 1.000 | 1.000 | 1.002 | 1.002 | 0.992 | 0.976 |
| | | -7.5 | - | 1.000 | 1.002 | 1.002 | 0.992 | 0.976 |
| | | -10 | - | - | 1.002 | 1.002 | 0.992 | 0.976 |
| | | -15 | - | - | - | 1.002 | 0.992 | 0.976 |

| HEATING | | | Pipe length (m) | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 5 | 7.5 | 10 | 15 | 20 | 25 |
| Height difference H (m) | ∗1 Indoor unit is higher than outdoor unit. | 15 | - | - | - | 0.964 | 0.939 | 0.913 |
| | | 10 | - | - | 0.988 | 0.964 | 0.939 | 0.913 |
| | | 7.5 | - | 1.000 | 0.988 | 0.964 | 0.939 | 0.913 |
| | | 5 | 1.000 | 1.000 | 0.988 | 0.964 | 0.939 | 0.913 |
| | | 0 | 1.000 | 1.000 | 0.988 | 0.964 | 0.939 | 0.913 |
| | ∗2 Indoor unit is lower than outdoor unit | -5 | 0.995 | 0.995 | 0.983 | 0.959 | 0.934 | 0.909 |
| | | -7.5 | - | 0.993 | 0.981 | 0.957 | 0.932 | 0.907 |
| | | -10 | - | - | 0.978 | 0.954 | 0.929 | 0.904 |
| | | -15 | - | - | - | 0.949 | 0.925 | 0.899 |

Height difference H




∗1 Indoor unit is higher than outdoor unit.




∗2 Indoor unit is lower than outdoor unit.

OUTDOOR UNIT
AO∗G30L4

# 7. ADDITIONAL CHARGE CALCULATION

## ■ MODEL: AO∗G30L4

| | | |
|---|---|---|
| Refrigerant type | | R410A |
| Refrigerant amount | g | 3300 |

### ● Refrigerant charge

| | | | | | |
|---|---|---|---|---|---|
| Total pipe length | m | 50 or less | 60 | 70 (MAX.) | 25g/m |
| Additional charge | g | 0 | 250 | 500 | |



OUTDOOR UNIT
AO∗G30L4

# 8. AIR FLOW

## ■ MODEL: AO∗G30L4

### ● Cooling

| Number of rotations (r.p.m.) | Air flow | |
|---|---|---|
| 820 | $m^3/h$ | 3500 |
| | l/s | 972 |
| | CFM | 2060 |

### ● Heating

| Number of rotations (r.p.m.) | Air flow | |
|---|---|---|
| 780 | $m^3/h$ | 3300 |
| | l/s | 917 |
| | CFM | 1942 |



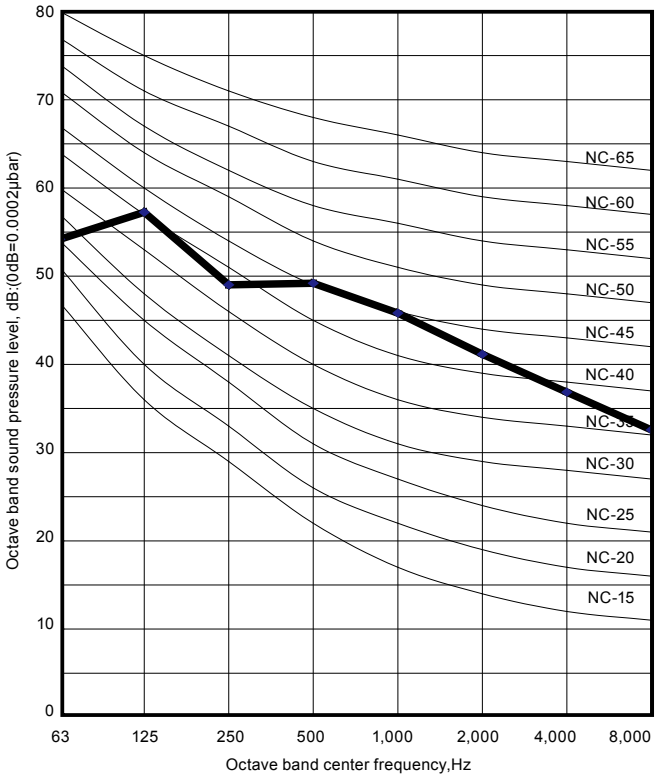
OUTDOOR UNIT
AO∗G30L4

# 9. OPERATION NOISE (SOUND PRESSURE)

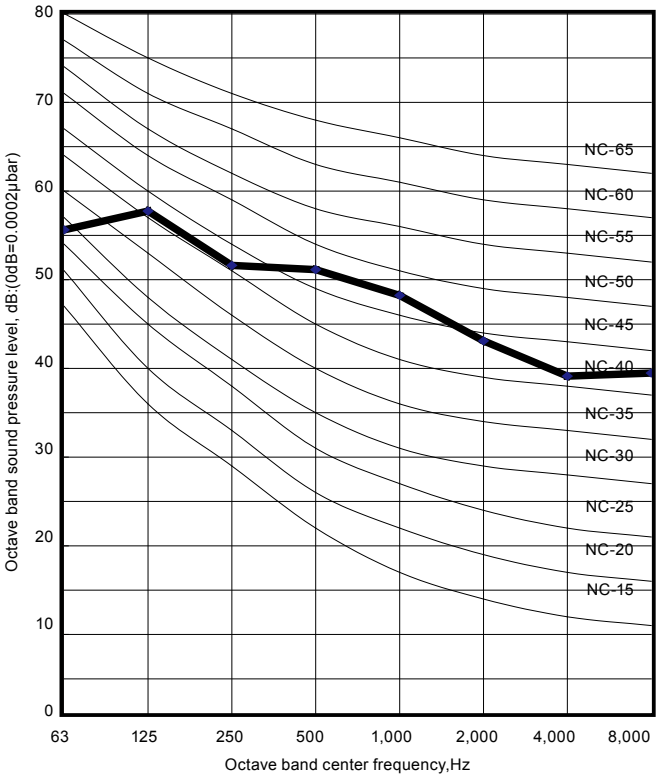
## 9-1. NOISE LEVEL CURVE

### ■ MODEL: AO∗G30L4

● Cooling



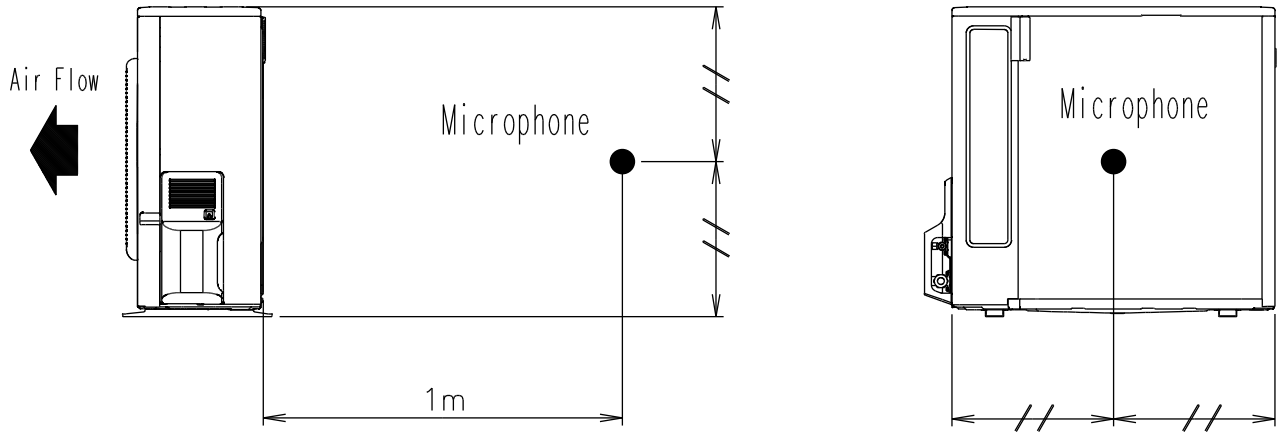

● Heating






OUTDOOR UNIT
AO∗G30L4

# 9-2. SOUND LEVEL CHECK POINT






OUTDOOR UNIT
AO∗G30L4

# 10. ELECTRIC CHARACTERISTICS

| Model name | | | AO∗G30L4 |
|---|---|---|---|
| Power supply | Voltage | V | 230 ~ |
| | Frequency | Hz | 50 |
| Max. operating current | | A | 15.7 |
| Starting current | | A | 10.5 |
| *1) Wiring spec. | Main fuse (Circuit breaker) current | A | 25 |
| | Power cable | $mm^2$ | 4.0 |
| | *2) Limited wiring length | m | 15 |

*1) Wiring spec.
Selected sample
(Selected based on Japan Electrotechnical Standard and Codes Committee E0005)

*2) Limited wiring length :
This is the wiring length in case voltage descent is less than 2%.
When the wiring length becomes long, please select the wiring of a more larger diameter.



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# 11. SAFETY DEVICES

| | Protection form | Model |
|---|---|---|
| | | AO∗G30L4 |
| Circuit protection | Current fuse (MAIN PCB) | 5A 250V |
| | | 3.15A 250V |
| | Current fuse (NEAR THE TERMINAL TO POWER SUPPLY) | 25A 250V |
| | Current fuse (NEAR THE TERMINAL TO INDOOR UNIT) | 15A 250V |
| Fan motor protection | Thermal protector | OFF :130±20°C<br>ON : 100±20°C |
| Compressor protection | Thermal protector | OFF : 125°C<br>ON : 80°C |
| High pressure protection | Pressure switch (1) | OFF :4.2±0.10MPa<br>ON : 3.2±0.15MPa |

∗Pressure switch (2) : For control device


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# 12. INSTALLATION PRECAUTIONS

# 12-1. OUTDOOR UNIT INSTALLATION PRECAUTIONS

Note: The information listed below are general precautions.
Some models also include items that do not apply.

## ■ PLACES WHERE USE PROHIBITED

- Places where there is the danger of combustible gas leakage
- Places where sulfur gas, chlorine gas, acid, alkali, or other matter which effects equipment is generated
- Places not affected by heat radiation from other heat sources
- Places where the air is not stagnant
- Places where machinery which generates high frequencies is used
- Ocean beaches and other areas where there is a lot of salt
- Installation in vehicles, ships, and other conveyances
- Factory, etc. where voltage fluctuations are large



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## ■ POINTS TO REMEMBER WHEN INSTALLING

(1) The set shall be installed at a place which can withstand the weight and vibration of the outdoor unit

(2) To allow maintenance after refrigerant piping, drain piping, and electric wiring connection and installation, provide an installation service space.

*Installation service space is shown on " INSTALLATION PLACE ".

(3) Be careful when installing the set at the following places.

**[Installation precautions]**

| | Contents | Countermeasures (Reference) |
|---|---|---|
| When installed near adjacent houses | Perform installation work so that operating sound does not disturb the neighbors. | (1) Install a soundproof barrier<br>(2) Change the installation site |
| When there is the possibility of strong wind | (1) If the outdoor unit is exposed to strong wind, capacity may drop, frost may form during heating, and operation may be stopped by high pressure rise. In addition, when a very strong wind blows, the fan may be damaged.<br>(2) When a very strong wind blows, there is the possibility of the outdoor unit being toppled over if held only by foundation bolts | (1) Install with the outlet side Keep a sufficient distance away from a facing wall or fence.<br>(2) Make the outlet direction and wind direction perpendicular.<br>(3) Fasten the outdoor unit using toppling prevention hardware (procured at the site). |
| When snow accumulates | If the outdoor unit is covered by accumulated snow, it may not be able to operate. | (1) Make the foundation as high as possible.<br>(2) Perform snow prevention work. |
| When installing the inverter type | It may generate noise in TV sets, stereos and PCs. | (1) The inverter type should be installed at a sufficient distance from these equipments. |