FUJITSU

Flexible
Multi
System

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FUJITSU GENERAL LIMITED
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FUJITSU GENERAL LIMITED

High performance compact outdoor unit realizing high efficiency and comfort

System Outline

- Compact outdoor unit
- 8 rooms multi
- Broad lineup of indoor units

Flexible multi system contains high-level functions in a compact body to comfortably control 8 rooms. An indoor unit connection capacity from 11.2 kW to 18.2 kW is possible, and indoor units with a capacity of 2.0 kW to 7.0 kW can be selected and combined to meet the application. Installation is easy and saves space, so we can recommend this system for a wide range of applications including community housing, single-unit residences, and stores.

Indoor units
8 types, 28 models

Branch box

Separation tube
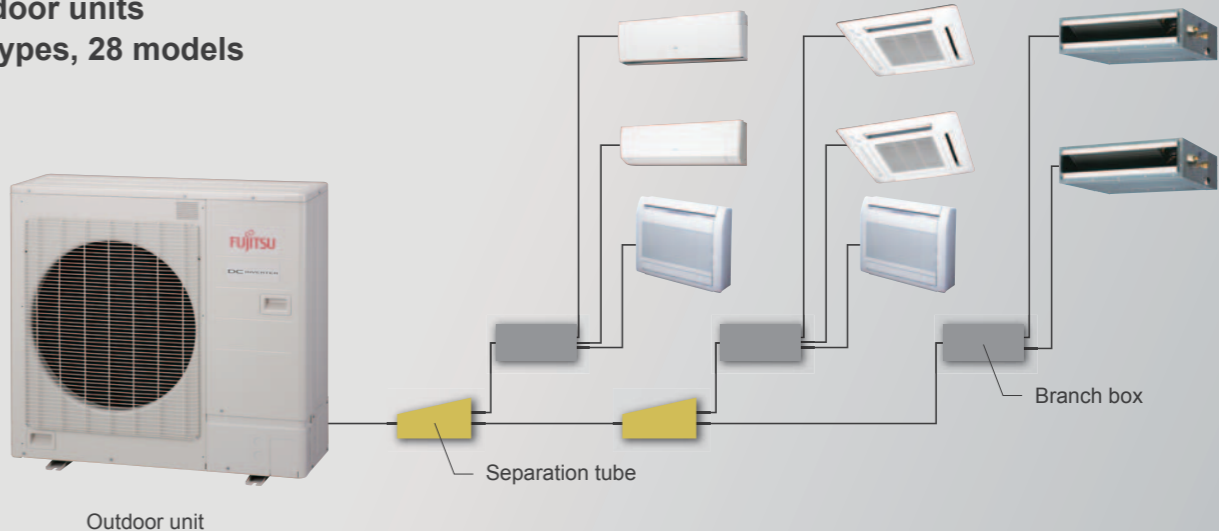
Outdoor unit

Compact Outdoor Unit

About 14kW class multi split model

New model

Height difference ▲29%

1290mm

914mm

Compact and lightweight outdoor unit is easy to carry in. It can be installed in various obscure places.
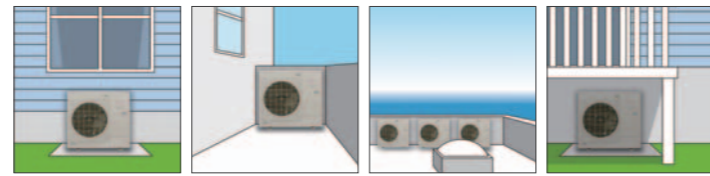
High seasonal efficiency

The actual performance is conducted under various outside temperatures depending on weather and seasons, furthermore, especially for multi system, not all the rooms are operated all the time. So over 90% of actual operation time, air conditioners are operated at partial capacity instead of rated capacity. Considering these, we focused on energy-saving performance which is based on actual use. Efficiency of part load performance was drastically improved by developing ALL DC and our own inverter system.

EER 4.75 (50% load)

frequency operation range

EER

4.75

Part load(%)

COP 4.98 (50% load)

frequency operation range

COP

4.98

Part load(%)
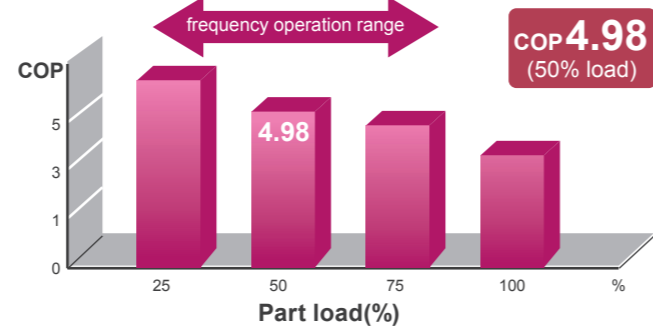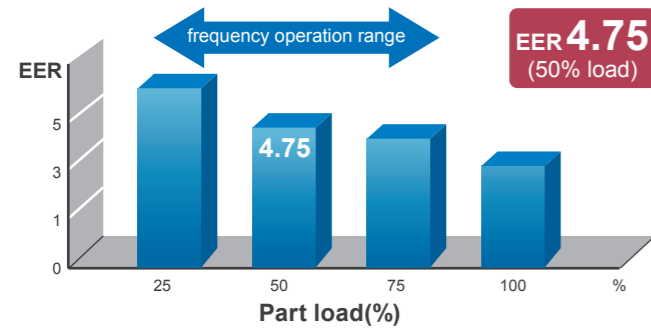
Innovated technology

High efficiency large fan :
New high efficiency fan is mounted.

High efficiency DC twin rotary compressor :
A high performance, low noise, large capacity DC twin rotary compressor is used.

DC fan motor :
High performance and high efficiency has been realized by using a small DC fan motor.

Heat exchanger :
Reduced compact size and energy saving has been realized by utilizing high density piping design and 3-Row heat exchanger.

More Comfort

Quick comfort by optimized refrigerant control

Every room meets set point most quickly and comfortably by optimized refrigerant control.

All operation start

Refrigerant control by branch box

Meet set point

Meet set point

Increase capacity | Decrease capacity | Increase capacity | Decrease capacity

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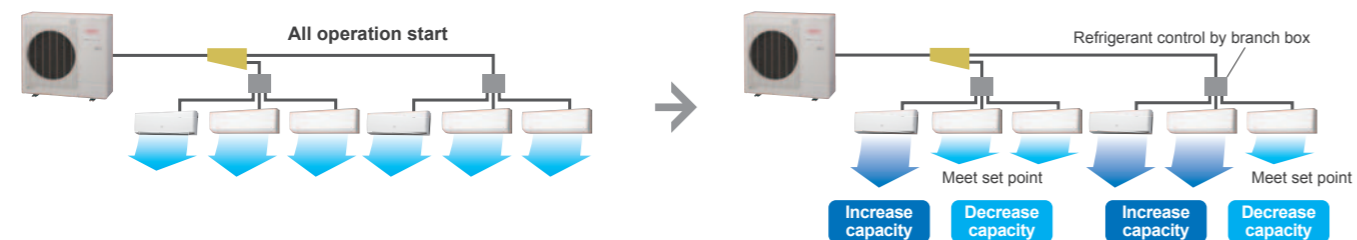
Convenient Control System

System overview

All indoor units are provided with wireless or wired remote controllers as standard equipment. Other options, such as individual and central remote controllers, are also available. The easy-to-operate central remote controller makes it simple to control the operation mode, temperature, airflow volume, timer, and other functions of each indoor unit from a single location.

Wired Remote Controller

The room temperature can be controlled by detecting the temperature accurately from the built-in sensor

UTY-RNNYM

UTY-RVNYM

Wireless Remote Controller

Simple and sophisticated operations with a choice of 4 daily timers

Simple Remote Controller

Compact remote controller provides access to basic functions

UTY-RSNYM

IR Receiver Unit

Necessary to control for all duct type by Wireless Remote Controller

UTY-LRHYM

Wireless Remote Controller

Central Remote Controller

Central Remote Controller allows individual and central control

UTY-DMMYM

System configuration

Outdoor unit

Branch box

Indoor unit

R.C.

Setting the address is not required*

When the indoor units are connected to a branch box, the addresses for each indoor unit are set automatically.

Controllable 1 multi system

Max. Controllable 8 indoor units

— Power & Transmission line
— Transmission line
— Remote controller cable

*Note : Cross-over connections are not allowed in the refrigerant system. Group settings are not allowed.

Central Remote Controller

Central remote controller was developed for residential applications. All indoor units can be batched controlled using simple operations. Schedule management and other functions can be used to achieve even greater energy savings.
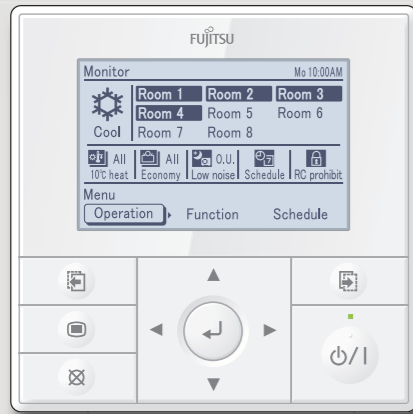
UTY-DMMYM

Central & Individual Control

Batched control of up to 8 indoor units. The temperature, airflow volume, and remote control prohibition settings of all indoor units can be batched.

User-friendly operation

• Large backlight LED screen
• Large easy-to-see operation panel

Multiple language support

Corresponds to 9 different languages (English, German, French, Spanish, Russian, Portuguese, Italian, Greek, and Turkish)

Comfort control

10ºC heat operation

When you leave, minimum heating operation is performed to maintain the room temperature (maintain at 10ºC).

10°C heat Button ON
Indoor unit operation START
20°C
10°C
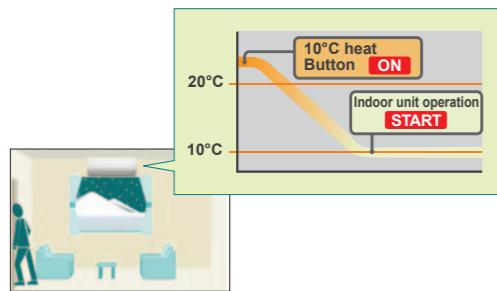
Low noise operation

Users can choose from 4 low noise levels, depending on the installation environment. The operation time can be set using the timer.

Quiet priority setting
Air conditioning load factor
Heat load
Capacity 100% / 0 / down
Operating sound 58dB / 0 / time
Quiet priority low noise mode
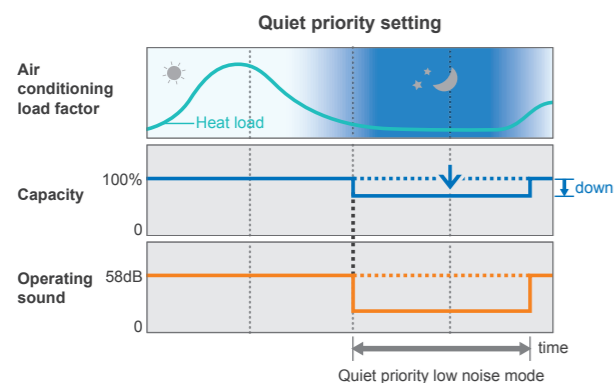
Convenience

Weekly schedule timer

The ON/OFF setting can be set for 4 times a day. Two weekly patterns can be set to match the cooling and heating seasons.

Monday~Friday | Saturday~Sunday
Summer season pattern
Time: Cool Cool Cool — 7 12 17 23 | Cool Cool Cool — 8 1 18 22
Winter season pattern
Heat
Time: Heat Heat — 7 1213 23 | Heat Heat Heat — 7 1 18 23
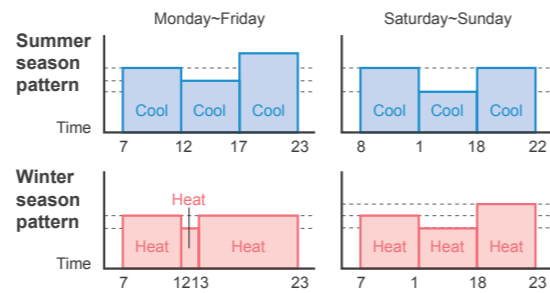
Economy operation

Economy operation is energy saving, as the set temperature of indoor unit is shifted by 1°C and the maximum electric value of the outdoor unit is suppressed.

Temp.
Economy operation
Shift setting temp
Set temperature
Normal operation
Time
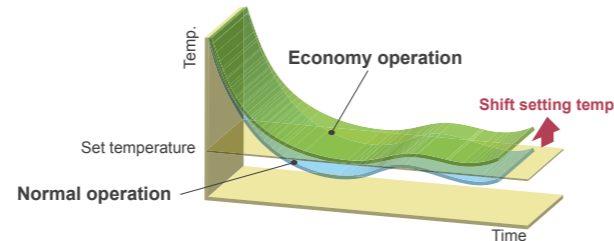
Prohibited Settings

The remote controller operation of all indoor units comes with a lock function to prevent unapproved operations in the various rooms. The central remote controller also has a key lock function to prevent children from playing with it, etc

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Flexible Design

A variety of installation patterns can be supported using the branch box connection method.

Examples
Residential 1-story home

Balcony
Living Room | Dining Area | Master Bed Room | Dressing room
Bed Room 3 | Bed Room 2 | Kitchen | Family Room

Examples
Residential 2-story home

Bed Room 4 | Bed Room 3
Master Bed Room | Bed Room 2
2F

Kitchen | Family Room
Dining Room | Living Room
1F
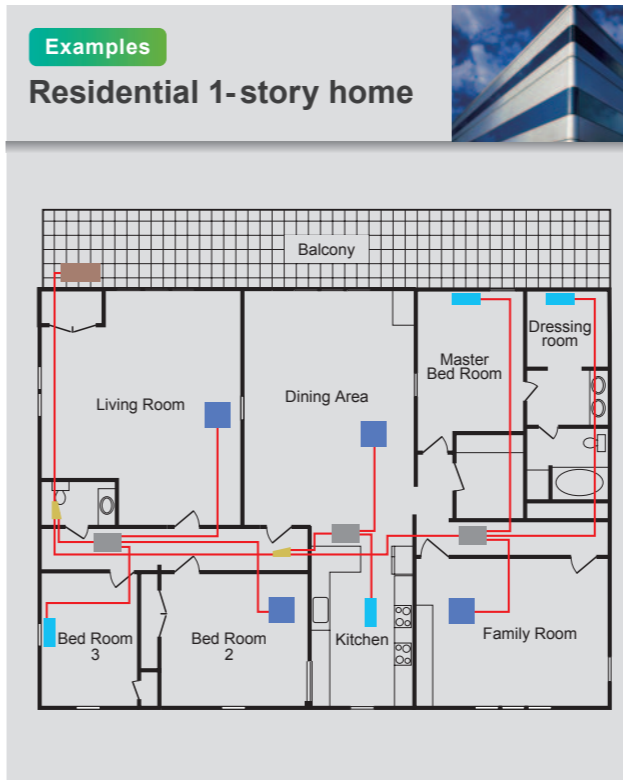
- Outdoor unit
- 2.5 kW Indoor unit
- 2.0 kW Indoor unit
- Branch box

Large capacity connection

Up to 8 indoor units can be connected to one outdoor unit. A maximum of 130% indoor unit connectable capacity. Match any room layout

Indoor unit
Branch box
Separation tube
Outdoor unit
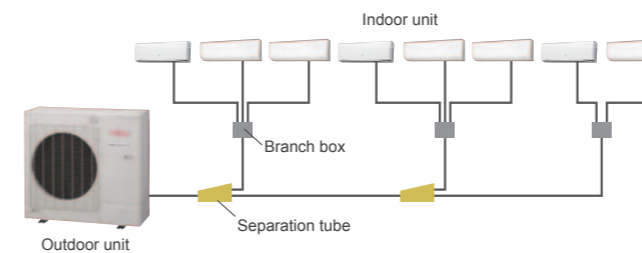
Connectable indoor unit capacity	Connectable indoor unit number
Ratio up to **130%**	Up to **8**

*At least 2 units must be connected. Minimum capacity connection from 80%
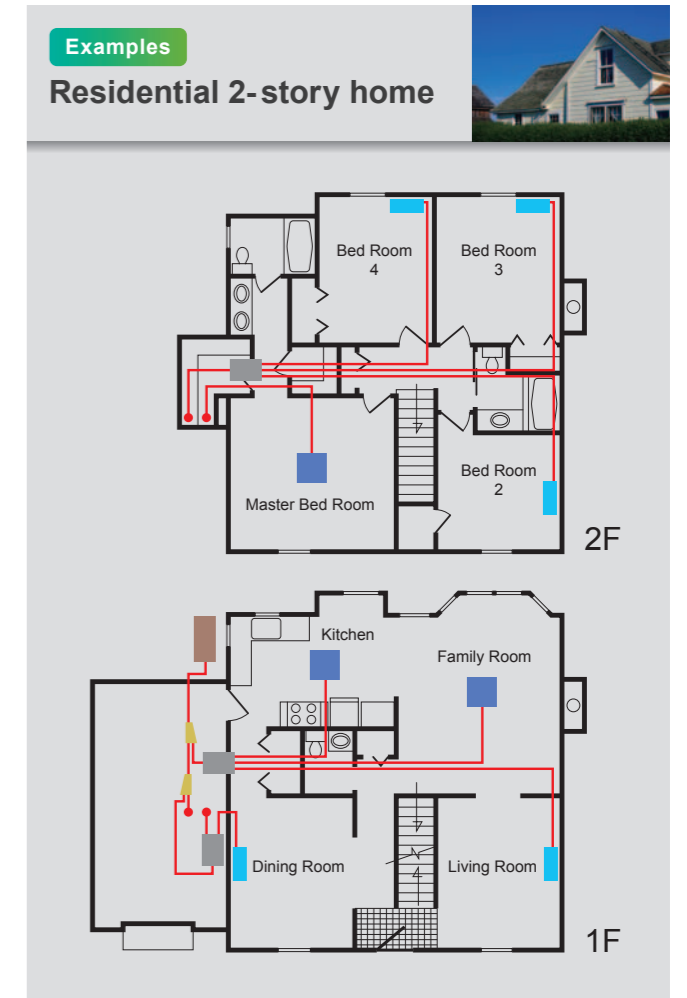
Long piping design

Can be installed in high rise condominium or commercial building

Total pipe length
115m max.

Actual pipe length
70m max.

Height difference between O.U. and I.U.
30m max.

Branch box | Separation tube

Pipe length between I.U. and Branch box
15m max.

Height difference between I.U. and I.U.
15m max.
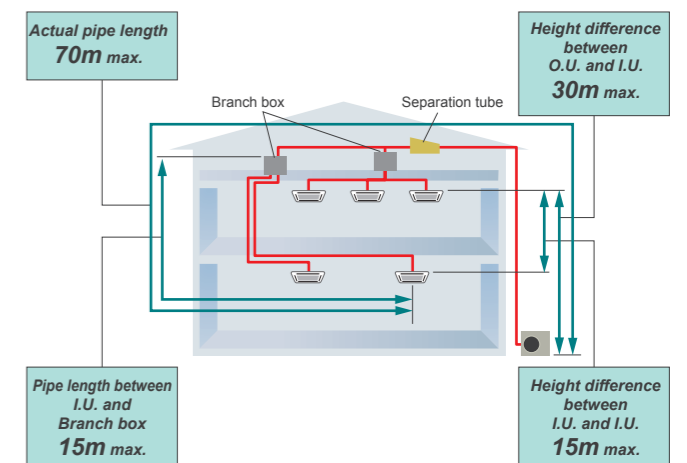
Easy Installation

All flare piping connection and simple installation that minimizes wiring mistakes.

Wiring mistake automatic check function

The check operation detects wiring mistakes in advance.

Power source

Outdoor unit

Simple all flare piping connection

Branch box

Simple wiring connection that is not cross connection

Wiring connection is the same as single split or multi type.

— Piping
— Power & Transmission line
— Transmission line
····· Power supply
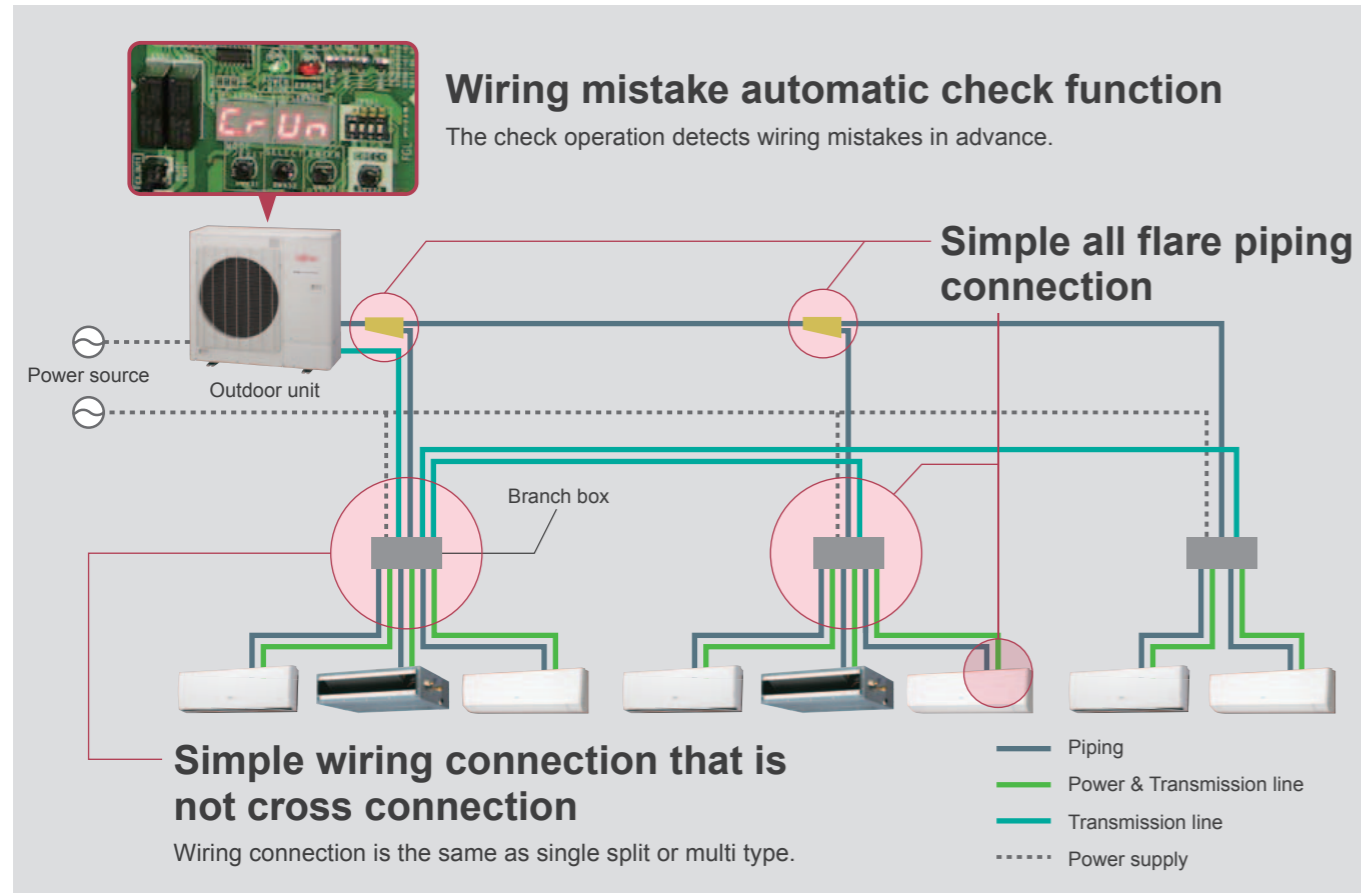
Branch Box

Allowed Branch Box Mounting Direction
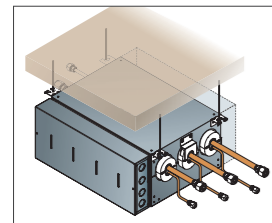
Hanging from the ceiling

Do not hang from the ceiling when performing a vertical installation.
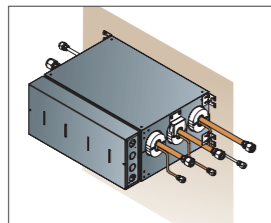
Horizontal Wall Mounting

Install the unit with its top side facing upwards.
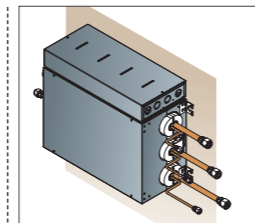
Vertical Wall Mounting

Install the unit with the control box facing upwards.

Common main pipe diameter

Common main pipe diameter improves piping workability.

Common

Liquid : Ø 9.52 mm

Gas : Ø 15.88 mm

Separation tube
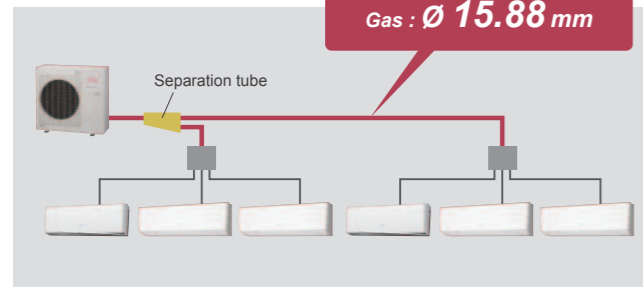
Lightening of outdoor unit

Easier to carry and install.

Can be carried by 2 people

Weight **98 kg**

4-way piping connection

Four directions piping connection is possible. The perfect route can be selected according to the installation.

Back

Right

Front

Bottom
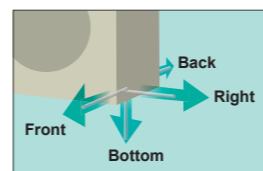
Flexible Multi System Outdoor unit

AOYG45LBT8 DC

■ Dimensions

Outdoor Unit
AOYG45LBT8

(Unit : mm)
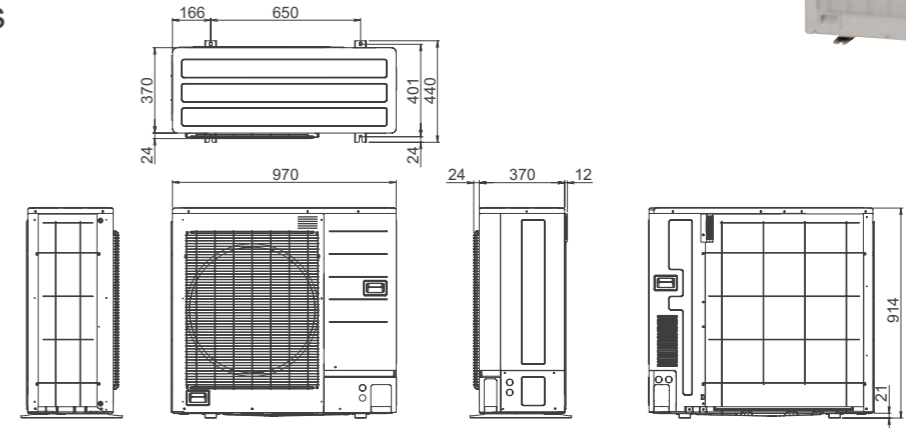
Branch Box
UTP-PY03A
(3 branches type)
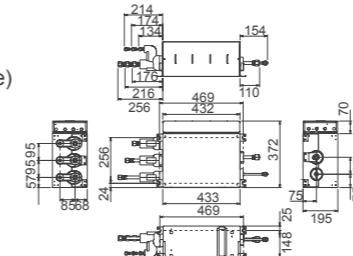
Branch Box
UTP-PY02A
(2 branches type)
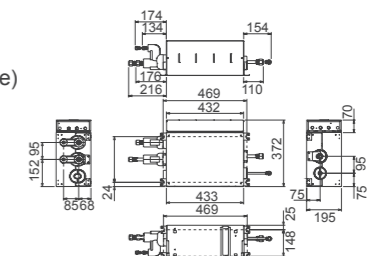
■ Specifications

Model name			AOYG45LBT8
Maximum Connectable Indoor Unit			8
Indoor unit connectable capacity	Cooling	kW	11.2 - 18.2
Power source		V/ Ø /Hz	230/1/50
Rated Capacity	Cooling	kW	14.0
	Heating		16.0
Input Power	Cooling	kW	5.20
	Heating		5.07
Air flow rate	Cooling	m³/h	4,650
	Heating		4,800
Sound pressure level	Cooling	dB(A)	56
	Heating		58
Heat exchanger fin			Plate fin coil
Net Dimensions H x W x D		mm	914 x970x370
Weight		kg(lbs)	98 (217)
Piping Connections (Small / Large)		mm	9.52/15.88
Max Pipe Length		m	115 (Total)
Max Height Difference (O.U ~ I.U)			30
Operating range	Cooling	°CDB	-5 to 46
	Heating		-15 to 24
Refrigerant			R410A

Model name			UTP-PY03A	UTP-PY02A
Connectable indoor unit			1 to 3 Units	1 to 2 Units
Power source			1Ø 230V ~50Hz	1Ø 230V ~50Hz
Available voltage range			198-264V	198-264V
Powwer consumption		W	10	10
Running currrent		A	0.05	0.05
Dimensions (HxWxD)		mm	195x433x370	195x433x370
Weight		kg (lbs)	9 (20)	9 (20)
Connection pipe	Size	Liquid	mm	Main: 9.52x1, Branch:6.35x3	Main: 9.52x1, Branch:6.35x2
		Gas		Main: 15.88x1, Branch:12.7x3	Main: 15.88x1, Branch:12.7x2
	Method		Flare	Flare

Note: Specifications are based on the following conditions.
Power source of specifications: 230V.

Connectable Indoor Unit Lineup
Full lineup of 8 types and 28 models

Class		7,000BTU 2.0kW	9,000BTU 2.5kW	12,000BTU 3.5kW	14,000BTU 4.0kW	18,000BTU 5.0kW	24,000BTU 7.0kW
Wall Mounted	Compact Wall Mounted	ASYG07LUCA	ASYG09LUCA	ASYG12LUCA	ASYG14LUCA		
	Compact Wall Mounted	ASYG07LMCA	ASYG09LMCA	ASYG12LMCA	ASYG14LMCA		
	Compact Wall Mounted	ASYG07LJCA	ASYG09LJCA	ASYG12LJCA			
	Wall Mounted					ASYG18LFCA	ASYG24LFCC
Floor	Floor		AGYG09LVCA	AGYG12LVCA	AGYG14LVCA		
Floor / Ceiling	Floor / Ceiling				ABYG14LVTA	ABYG18LVTB	
Cassette	Compact Cassette	AUYG07LVLA	AUYG09LVLA	AUYG12LVLB	AUYG14LVLB	AUYG18LVLB	
Duct	Slim Duct	ARYG07LLTA	ARYG09LLTA	ARYG12LLTB	ARYG14LLTB	ARYG18LLTB	
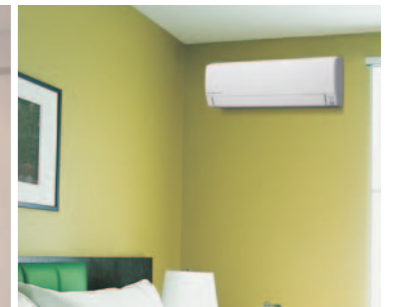
8 Rooms Multi
AOYG45LBT8

Compact Wall Mounted Type High Efficiency & Design model

ASYG07LUCA
ASYG09LUCA
ASYG12LUCA
ASYG14LUCA

Wireless R.C.

Slim & Smart design

Slim & Smart design is realized by adopting high density multi path heat exchanger and big open panel for large intake airflow.

H282 X W870 X D185

185mm

Big open panel and High density multi path heat exchanger

Large intake

Open panel

Large fan

Ø5mm

20mm

Refrigerant

Distributor 4-path
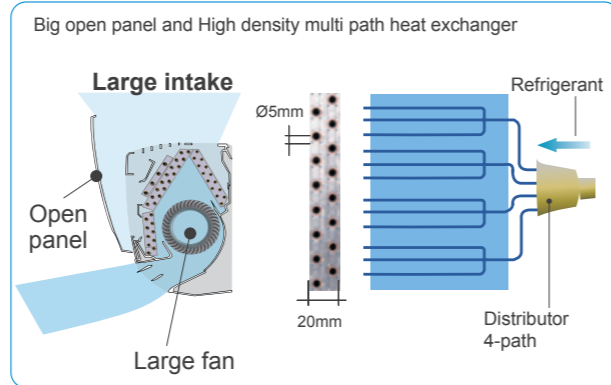
3 Mode timer *Only available with Wireless RC.
(Weekly/Program/Sleep)

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.

Powerful operation

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

Optional parts

Wired Remote Controller: UTY-RNNYM, UTY-RVNYM
Simple Remote Controller: UTY-RSNYM
Communication Kit: UTY-TWBXF
External Connect Kit: UTY-XWZXZ5

Specifications

Model No.	Indoor unit		ASYG07LUCA	ASYG09LUCA	ASYG12LUCA	ASYG14LUCA
kW Class		kW	2.0	2.5	3.5	4.0
Power Source		V/Ø/Hz	230/1/50	230/1/50	230/1/50	230/1/50
Sound Pressure Level	Cooling H/M/L/Q	dB(A)	35/30/28/21	36/32/28/21	37/34/31/21	41/36/33/25
	Heating		35/30/28/21	36/32/28/21	37/34/31/21	41/36/34/27
Sound Power Level	Cooling H	dB(A)	53	54	55	59
	Heating		53	54	55	59
Air Flow	Cooling H/M/L/Q	m³/h	570/520/470/330	600/550/470/330	660/600/530/330	710/640/570/390
	Heating		570/520/470/330	600/550/470/330	660/600/530/330	710/640/590/430
Net Dimension		mm	282x870x185	282x870x185	282x870x185	282x870x185
Weight		kg(lbs)	9.5(21)	9.5(21)	9.5(21)	9.5(21)
Pipe Size	Liquid/Gas	mm	Ø6.35/Ø9.52	Ø6.35/Ø9.52	Ø6.35/Ø9.52	Ø6.35/Ø12.7

Compact Wall Mounted Type

ASYG07LMCA
ASYG09LMCA
ASYG12LMCA
ASYG14LMCA

Wireless R.C.

High efficient compact design

High density heat exchanger

ϕ5

Making the tube thin:

$7mm \rightarrow 5mm$

Increase of heat exchanger volume by high density and adopting sub heat exchanger

Even temperature

Improved heat exchanger effectiveness

More comfort airflow

Power diffuser

Vertical airflow provides powerful floor level heating.

Horizontal airflow dose not blow cool air directly at occupants in the room.
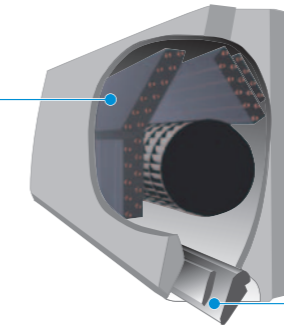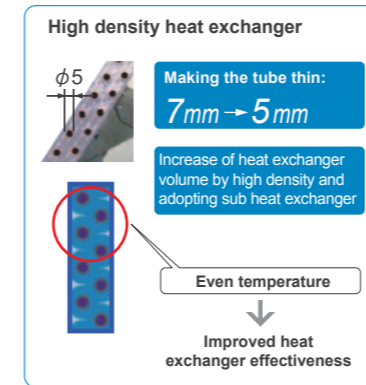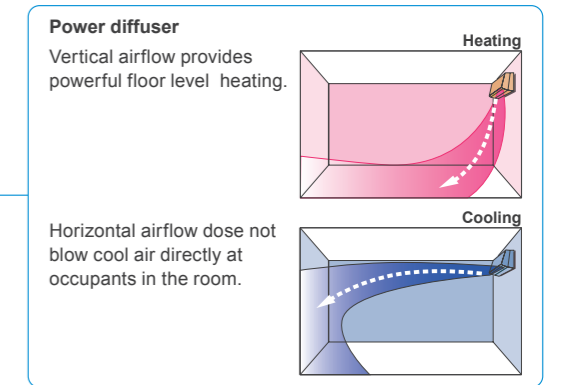
Heating

Cooling

24hr Programmable timer

24 hr program timer and sleep timer can be easily set.

Powerful operation

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

Optional parts

Wired Remote Controller: UTY-RNNYM, UTY-RVNYM
Simple Remote Controller: UTY-RSNYM
Communication Kit: UTY-XCBXZ2
External Connect Kit: UTY-XWZXZ5

Specifications

Model No.	Indoor unit		ASYG07LMCA *	ASYG09LMCA	ASYG12LMCA	ASYG14LMCA *
kW Class		kW	2.0	2.5	3.5	4.0
Power Source		V/Ø/Hz	230/1/50	230/1/50	230/1/50	230/1/50
Sound Pressure Level	Cooling H/M/L/Q	dB(A)	36/32/29/21	37/33/29/21	40/36/30/21	42/38/33/25
	Heating		36/32/29/22	37/33/29/22	40/36/31/22	42/38/35/27
Sound Power Level	Cooling H	dB(A)	51	52	54	56
	Heating		51	52	55	57
Air Flow	Cooling H/M/L/Q	m³/h	560/500/430/310	600/520/430/310	660/560/450/310	730/600/530/360
	Heating		560/500/430/330	600/520/430/330	660/560/470/330	730/620/570/380
Net Dimension		mm	268x840x203	268x840x203	268x840x203	268x840x203
Weight		kg(lbs)	8.5(19)	8.5(19)	8.5(19)	8.5(19)
Pipe Size	Liquid/Gas	mm	Ø6.35/Ø9.52	Ø6.35/Ø9.52	Ø6.35/Ø9.52	Ø6.35/Ø12.7

*:Specifications of ASYG07/14LMCA are provisional for your reference. The contents of formal specifications might be different from these.

Compact Wall Mounted Type
Simple design with energy saving.

ASYG07LJCA
ASYG09LJCA
ASYG12LJCA

Up/Down | Adjust | Restart | Auto Changeover | HEAT 10°C | Economy | Sleep | Program | Filter | Ion | AF | Wash

Wireless R.C.

Compact design

790mm

280mm

203mm
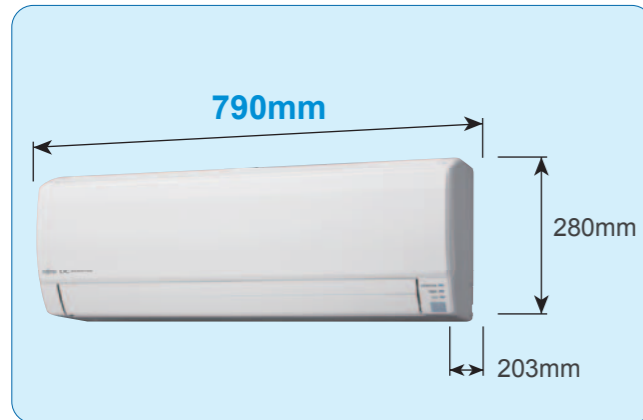
High density heat transfer tube arrangement

φ5

Even temperature
↓
Improved the heat exchanger effectiveness

Making the tube	Volume reduction of heat
Thin: 7mm → 5mm	exchanger: 30%
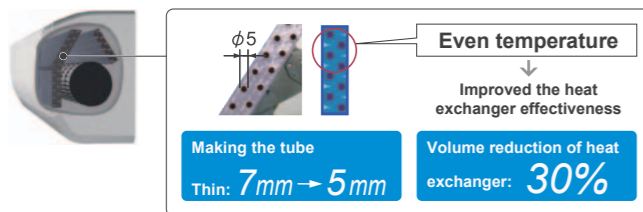
More Comfort & Convenience
• Powerful cooling & heating by using DC fan motor
• Auto-restart function memorizes the operating mode as before, once the power supply is restored.
• Comfortable timer (ON, OFF, PROGRAM, SLEEP)

Air conditioner 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.

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 & washable panel

Optional parts

Wired Remote Controller: UTY-RNNYM
Simple Remote Controller: UTY-RSNYM
External Connect Kit: UTY-XWZX
Communication Kit: UTY-XCBXZ1

Specifications

Model No.	Indoor unit		ASYG07LJCA	ASYG09LJCA	ASYG12LJCA
kW Class		kW	2.0	2.5	3.5
Power Source		V/Ø/Hz	230/1/50	230/1/50	230/1/50
Sound Pressure Level	Cooling	H/M/L/Q dB(A)	36/32/29/21	37/33/29/21	40/36/30/21
	Heating		36/32/29/22	37/33/29/22	40/36/31/22
Sound Power Level	Cooling	H dB(A)	51	52	54
	Heating		51	52	54
Air Flow	Cooling	H/M/L/Q m³/h	560/500/430/310	600/520/430/310	660/560/450/310
	Heating		560/500/430/330	600/520/430/330	660/560/470/330
Net Dimension		mm	280x790x203	280x790x203	280x790x203
Weight		kg(lbs)	8(17.6)	8(17.6)	8(17.6)
Pipe Size	Liquid/Gas	mm	Ø6.35/Ø9.52	Ø6.35/Ø9.52	Ø6.35/Ø9.52

Wall Mounted Type
Simple & elegant appearance design

ASYG18LFCA
ASYG24LFCC

Double | Adjust | Restart | Auto Changeover | HEAT 10°C | Economy | Sleep | Program | Filter | Ion | AF | Wash

Wireless R.C.

"Vertical airflow" provides powerful floor level heating & "Horizontal airflow" does not blow cool air directly at the occupants in the room

Power diffuser
(full open)
46°

Vertical airflow *1
(24)

(°C)
33 32 31 30 29

*1 : Outside air conditions: 2°C 60%
Operation contents: Heating, Set temperature (Max set temp)
30°C, airflow Hi, Air direction downward and front

Horizontal airflow *2
(24)

(°C)
15 16 17 18

*2 : Outside air conditions: 35°C 40%
Operation contents: Cooling, Set temperature (Min set temp)
18°C, airflow Hi, Air direction downward and front

Easy maintenance
Simplification of drain pan cleaning improves maintenance-ability.

Air conditioner filter features
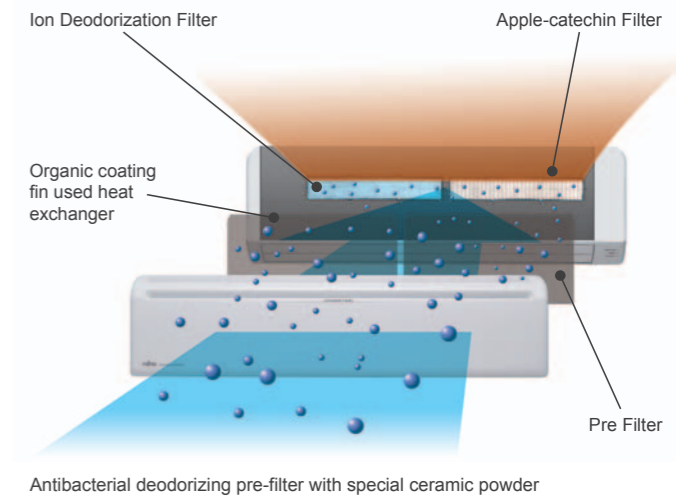
Ion Deodorization Filter

Apple-catechin Filter

Organic coating fin used heat exchanger

Pre Filter

Antibacterial deodorizing pre-filter with special ceramic powder

Optional parts

Wired Remote Controller: UTY-RNNYM, UTY-RVNYM
Simple Remote Controller: UTY-RSNYM
External Connect Kit: UTY-XWZX

Specifications

Model No.	Indoor unit		ASYG18LFCA	ASYG24LFCC
kW Class		kW	5.0	7.0
Power Source		V/Ø/Hz	230/1/50	230/1/50
Sound Pressure Level	Cooling	H/M/L/Q dB(A)	43/37/33/26	49/42/37/33
	Heating		42/37/33/25	48/42/37/33
Sound Power Level	Cooling	H dB(A)	58	64
	Heating		58	64
Air Flow	Cooling	H/M/L/Q m³/h	900/740/620/550	1120/900/740/620
	Heating		900/740/620/550	1100/900/740/620
Net Dimension		mm	320x998x238	320×998×238
Weight		kg(lbs)	14(30.8)	14(30.8)
Pipe Size	Liquid/Gas	mm	Ø6.35/Ø12.7	Ø6.35/Ø15.88

Floor
Simple & Thin design harmonizes with the interior

AGYG09LVCA
AGYG12LVCA
AGYG14LVCA

Wireless R.C.

2-Fan & Wide airflow
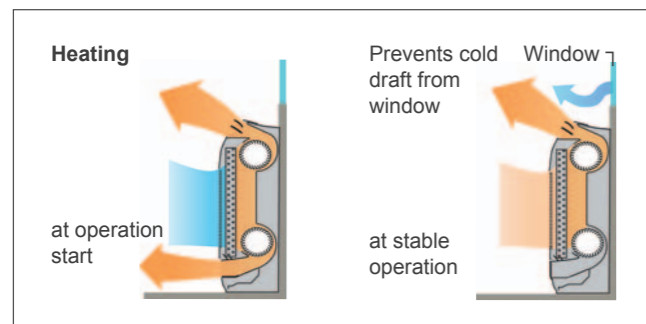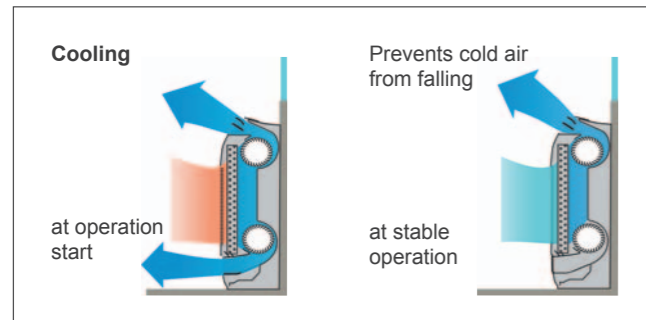
Cooling
Prevents cold air from falling

at operation start

at stable operation

Heating
Prevents cold draft from window

Window

at operation start

at stable operation

Flexible & easy installation
(unit:mm)

Beneath standard window

Standard concave portion
Min.940
Min 700

Wall
Max. 150

Half concealed (Optional parts necessary)
Min. 590
Min. 730
Max. 80

600
700
740
200

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

Ion Deodorization Filter

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
Washable panel removable

Removable panel

Flexible piping connection 6 direction of drain & piping

Back view

1 6
2 3 Drain hose 4 5
Piping

Optional parts

Wired Remote Controller:	UTY-RNNYM, UTY-RVNYM
Simple Remote Controller:	UTY-RSNYM
Half Concealed Kit:	UTR-STA
External Connect Kit:	UTY-XWZX

Specifications

Model No.	Indoor unit			AGYG09LVCA	AGYG12LVCA	AGYG14LVCA
kW Class			kW	2.5	3.5	4.0
Power Source			V/Ø/Hz	230/1/50	230/1/50	230/1/50
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	39/34/28/22	42/36/30/22	44/38/31/22
	Heating			39/35/30/22	42/38/32/22	44/39/33/22
Sound Power Level	Cooling	H	dB(A)	52	55	56
	Heating			52	55	56
Air Flow	Cooling	H/M/L/Q	m³/h	530/440/360/270	600/490/380/270	650/520/400/270
	Heating			530/460/380/270	600/510/410/270	650/540/430/270
Net Dimension			mm	600x740x200	600x740x200	600x740x200
Weight			kg(lbs)	14(30.7)	14(30.7)	14(30.7)
Pipe Size	Liquid/Gas		mm	Ø6.35/Ø9.52	Ø6.35/Ø9.52	Ø6.35/Ø12.7

Floor / Ceiling

ABYG14LVTA
ABYG18LVTB
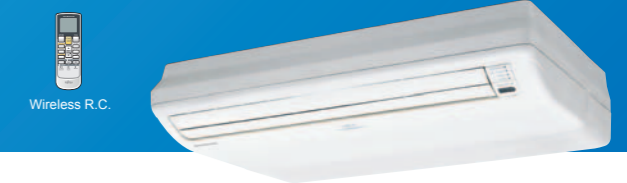
Wireless R.C.

Flexible installation

Example for floor installation
Floor console

Example for ceiling installation
Under ceiling

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

Setting by wireless or wired remote controller
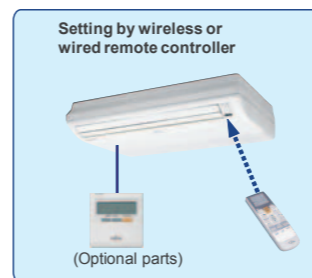
(Optional parts)

Double auto swing
A combination of right/left and up/down directional swing allows 3-dimensional air direction control
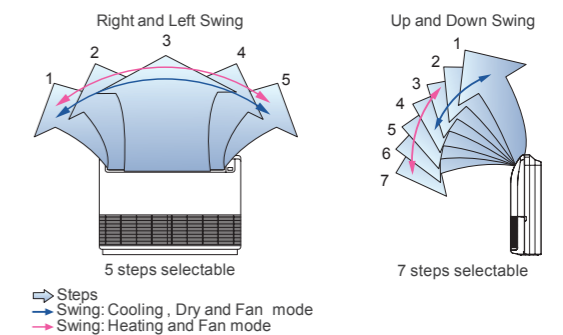
Right and Left Swing
1 2 3 4 5

Up and Down Swing
1 2 3 4 5 6 7

5 steps selectable

7 steps selectable

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

Optional parts

Wired Remote Controller:	UTY-RNNYM, UTY-RVNYM
Simple Remote Controller:	UTY-RSNYM
External Connect Kit:	UTY-XWZX

Specifications

Model No.	Indoor unit			ABYG14LVTA	ABYG18LVTB
kW Class			kW	4.0	5.0
Power Source			V/Ø/Hz	230/1/50	230/1/50
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	36/34/33/29(Under ceiling) 39/37/36/32(Floor console)	41/38/34/32(Under ceiling) 44/41/37/35(Floor console)
	Heating			36/34/33/29(Under ceiling) 39/37/36/32(Floor console)	41/38/34/32(Under ceiling) 44/41/37/35(Floor console)
Sound Power Level	Cooling	H	dB(A)	51	55
	Heating			51	55
Air Flow	Cooling	H/M/L/Q	m³/h	640/590/540/480	780/700/560/500
	Heating			640/590/540/480	780/700/560/500
Net Dimension			mm	199x990x655	199x990x655
Weight			kg(lbs)	27(60)	27(60)
Pipe Size	Liquid/Gas		mm	Ø6.35/Ø12.7	Ø6.35/Ø12.7

Compact Cassette
Powerful wide air flow & Quiet operation

AUYG07LVLA
AUYG09LVLA
AUYG12LVLB
AUYG14LVLB
AUYG18LVLB

Up/Down Adjust Restart Auto Changeover 10°C HEAT Economy Sleep Program Filter

Wireless R.C.

Grille is an option

Easy maintenance

❶ Maintenance 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

A
B
C
D
❶
❷
❸

Grille cover
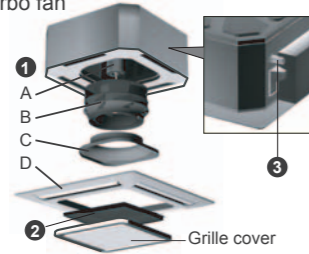
❷ Long life filter

: standard equipment

❸ Adaptation of transparent drainage parts

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

2-stage turbo fan

High efficiency design by 2 stage structure

Wind velocity
Fast
Slow

2-stage turbo fan

A evenly spread air distribution across the heat exchanger is possible due to the new 2 stage turbo fan which produces two separate airflow streams.

1-stage
+
2-stage

Heat exchange efficiency:
20%UP

Quiet quality

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

Designed by CFD-analysis (fluid) simulations

Laminar wing

Airflow runs through smoothly along the laminar wing

No airflow separation

Quiet

Adoption of laminar wing

Quiet

Spin direction ⟷ Airflow direction

Optional parts

Wired Remote Controller:	UTY-RNNYM, UTY-RVNYM
Simple Remote Controller:	UTY-RSNYM
Air Outlet Shutter Plate:	UTR-YDZB
Fresh Air Intake Kit:	UTZ-VXAA
Insulation Kit For High Humidity:	UTZ-KXGC
External Connect Kit:	UTY-XWZX

Specifications

Model No.	Indoor unit		AUYG07LVLA	AUYG09LVLA	AUYG12LVLB	AUYG14LVLB	AUYG18LVLB
kW Class		kW	2.0	2.5	3.5	4.0	5.0
Power Source		V/Ø/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Sound Pressure Level	Cooling	H/M/L/Q dB(A)	33/31/29/27	33/31/29/27	37/33/31/28	40/35/32/29	42/37/33/29
	Heating		34/32/29/27	34/32/29/27	37/33/31/28	40/37/34/29	44/40/37/30
Sound Power Level	Cooling	H dB(A)	46	46	49	52	54
	Heating		47	47	49	52	56
Air Flow	Cooling	H/M/L/Q m³/h	540/490/440/390	540/490/440/390	610/530/470/410	680/580/490/410	750/610/520/410
	Heating		540/490/440/390	540/490/440/390	610/530/470/410	700/620/550/430	800/710/600/450
Net Dimension		mm	245x570x570	245x570x570	245x570x570	245x570x570	245x570x570
Weight		kg(lbs)	15(33.1)	15(33.1)	15(33.1)	15(33.1)	15(33.1)
Cassette Grille			UTG-UFYD-W				
Pipe Size	Liquid/Gas	mm	Ø6.35/Ø9.52	Ø6.35/Ø9.52	Ø6.35/Ø9.52	Ø6.35/Ø12.7	Ø6.35/Ø12.7

Slim Duct
•Slim design with drain pump •Increase static pressure range •Dual concealed type

ARYG07LLTA
ARYG09LLTA
ARYG12LLTB
ARYG14LLTB
ARYG18LLTB

Adjust Restart Auto Changeover Economy W+S Filter

Wired R.C.
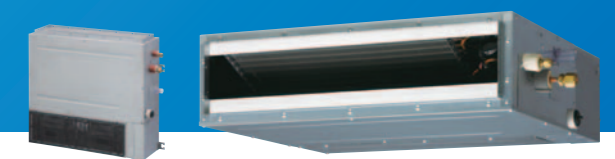
Slim design

This model is slim design, it can install at the place where a ceiling is narrow.

Drain port
Drain pump

Height 198mm

Drain pump built-in
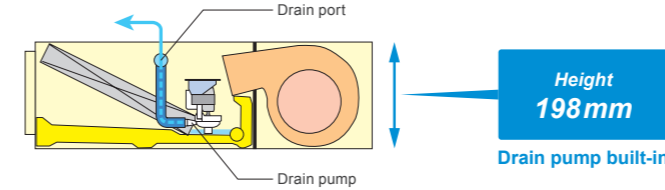
Air-intake

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

Bottom side   **Back side**
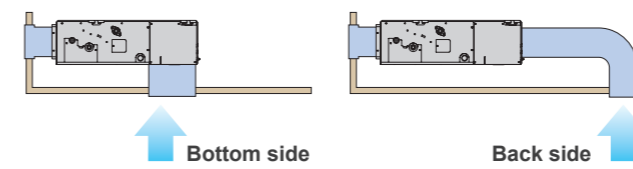
Selectable with a wide range of static pressure

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

Static pressure range 0 to 90 Pa

High lift drain pump

Max. 850mm
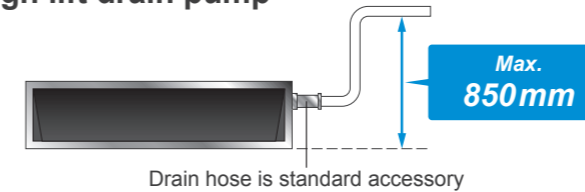
Drain hose is standard accessory

Auto Louver Grille Kit (Option)

Simple flat Auto Louver will provide comfort airflow and harmonize with luxury interior.
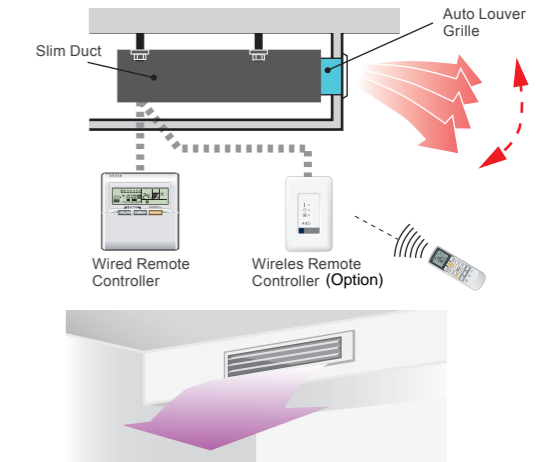
Auto Louver Grille
Slim Duct

Wired Remote Controller   Wireles Remote Controller (Option)

Flexible installation

Ceiling concealed	Floor concealed

Optional parts

Wired Remote Controller:	UTY-RNNYM, UTY-RVNYM
Simple Remote Controller:	UTY-RSNYM
IR Receiver Kit:	UTY-LRHYM
Remote Sensor Unit:	UTY-XSZX
External Control Set:	UTD-ECS5A
Auto Louver Grille Kit	UTD-GXSA-W (for ARYG07/09LLTA)
	(for ARYG12/14LLTB)
	UTD-GXSB-W (for ARYG18LLTB)

Specifications

Model No.	Indoor unit		ARYG07LLTA	ARYG09LLTA	ARYG12LLTB	ARYG14LLTB	ARYG18LLTB
kW Class		kW	2.0	2.5	3.5	4.0	5.0
Power Source		V/Ø/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Sound Pressure Level	Cooling	H/M/L/Q dB(A)	28/26/25/24	28/27/26/25	29/28/27/26	32/30/28/26	32/31/30/29
	Heating		28/26/25/24	28/26/25/24	29/28/27/24	33/30/28/25	33/32/31/29
Sound Power Level	Cooling	H dB(A)	57	57	58	60	58
	Heating		57	57	58	61	59
Air Flow	Cooling	H/M/L/Q m³/h	550/490/470/440	600/550/500/450	650/600/550/480	800/700/600/480	940/880/820/750
	Heating		550/490/470/440	600/550/500/450	650/600/550/480	800/700/600/480	940/880/820/750
Net Dimension		mm	198x700x620	198x700x620	198x700x620	198x700x620	198x900x620
Weight		kg(lbs)	17(37.5)	19(41.8)	19(41.8)	19(41.8)	23(50.6)
Pipe Size	Liquid/Gas	mm	Ø6.35/Ø9.52	Ø6.35/Ø9.52	Ø6.35/Ø9.52	Ø6.35/Ø12.7	Ø6.35/Ø12.7
External static pressure			0 to 90				
Drain pump			Standard				

■ Cooling

AOYG45LBT8

Combination of indoor unit								COOLING OPERATION — Cooling Capacity									Input power
Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8	Total	
								KW	KW	KW	KW	KW	KW	KW	KW	KW	KW

2 Room

| 24 | 24 | - | - | - | - | - | - | 7.03 | 7.03 | - | - | - | - | - | - | 14.06 | 5.20 |
| 18 | 24 | - | - | - | - | - | - | 5.27 | 7.03 | - | - | - | - | - | - | 12.30 | 4.24 |

3 Room

18	18	24	-	-	-	-	-	4.63	4.63	6.18	-	-	-	-	-	15.45	5.89
18	18	18	-	-	-	-	-	5.01	5.01	5.01	-	-	-	-	-	15.03	5.90
14	24	24	-	-	-	-	-	3.54	6.07	6.07	-	-	-	-	-	15.68	5.87
14	18	24	-	-	-	-	-	3.84	4.94	6.59	-	-	-	-	-	15.37	5.90
14	18	18	-	-	-	-	-	4.10	5.27	5.27	-	-	-	-	-	14.64	5.50
14	14	24	-	-	-	-	-	4.10	4.10	7.03	-	-	-	-	-	15.23	5.79
14	14	18	-	-	-	-	-	4.10	4.10	5.27	-	-	-	-	-	13.47	4.89
14⁻¹	14⁻¹	14⁻¹	-	-	-	-	-	4.10	4.10	4.10	-	-	-	-	-	12.30	4.24
12	24	24	-	-	-	-	-	3.09	6.18	6.18	-	-	-	-	-	15.45	5.89
12	18	24	-	-	-	-	-	3.35	5.01	6.68	-	-	-	-	-	15.04	5.90
12	18	18	-	-	-	-	-	3.52	5.27	5.27	-	-	-	-	-	14.06	5.20
12	14	24	-	-	-	-	-	3.52	4.10	7.03	-	-	-	-	-	14.65	5.50
12	14	18	-	-	-	-	-	3.52	4.10	5.27	-	-	-	-	-	12.89	4.57
12⁻¹	14⁻¹	14⁻¹	-	-	-	-	-	3.52	4.10	4.10	-	-	-	-	-	11.72	3.91
12	12	24	-	-	-	-	-	3.52	3.52	7.03	-	-	-	-	-	14.07	5.20
12	12	18	-	-	-	-	-	3.52	3.52	5.27	-	-	-	-	-	12.31	4.24
9	24	24	-	-	-	-	-	2.46	6.54	6.54	-	-	-	-	-	15.54	5.90
9	18	24	-	-	-	-	-	2.64	5.27	7.03	-	-	-	-	-	14.94	5.65
9	18	18	-	-	-	-	-	2.64	5.27	5.27	-	-	-	-	-	13.18	4.73
9	14	24	-	-	-	-	-	2.64	4.10	7.03	-	-	-	-	-	13.77	5.05
9	14	18	-	-	-	-	-	2.64	4.10	5.27	-	-	-	-	-	12.01	4.08
9	12	24	-	-	-	-	-	2.64	3.52	7.03	-	-	-	-	-	13.19	4.73
9	12	18	-	-	-	-	-	2.64	3.52	5.27	-	-	-	-	-	11.43	3.74
9	9	24	-	-	-	-	-	2.64	2.64	7.03	-	-	-	-	-	12.31	4.24
7	24	24	-	-	-	-	-	1.93	6.64	6.64	-	-	-	-	-	15.21	5.90
7	18	24	-	-	-	-	-	2.05	5.27	7.03	-	-	-	-	-	14.35	5.35
7	18	18	-	-	-	-	-	2.05	5.27	5.27	-	-	-	-	-	12.59	4.41
7	14	24	-	-	-	-	-	2.05	4.10	7.03	-	-	-	-	-	13.18	4.73
7	14	18	-	-	-	-	-	2.05	4.10	5.27	-	-	-	-	-	11.42	3.74
7	12	24	-	-	-	-	-	2.05	3.52	7.03	-	-	-	-	-	12.60	4.41
7	9	24	-	-	-	-	-	2.05	2.64	7.03	-	-	-	-	-	11.72	3.91

4 Room

14	14	14	18	-	-	-	-	3.60	3.60	3.60	4.63	-	-	-	-	15.45	5.89
14	14	14	14	-	-	-	-	3.84	3.84	3.84	3.84	-	-	-	-	15.37	5.90
12	14	18	18	-	-	-	-	3.04	3.54	4.55	4.55	-	-	-	-	15.68	5.87
12	14	14	18	-	-	-	-	3.15	3.67	3.67	4.72	-	-	-	-	15.21	5.90
12	14	14	14	-	-	-	-	3.35	3.90	3.90	3.90	-	-	-	-	15.04	5.90
12	12	18	18	-	-	-	-	3.09	3.09	4.63	4.63	-	-	-	-	15.45	5.89
12	12	14	24	-	-	-	-	3.04	3.04	3.54	6.07	-	-	-	-	15.69	5.87
12	12	14	18	-	-	-	-	3.30	3.30	3.84	4.94	-	-	-	-	15.38	5.90
12	12	14	14	-	-	-	-	3.52	3.52	4.10	4.10	-	-	-	-	15.24	5.79
12	12	12	24	-	-	-	-	3.09	3.09	3.09	6.18	-	-	-	-	15.45	5.89
12	12	12	18	-	-	-	-	3.35	3.35	3.35	5.01	-	-	-	-	15.05	5.90
12	12	12	14	-	-	-	-	3.52	3.52	3.52	4.10	-	-	-	-	14.66	5.50
12	12	12	12	-	-	-	-	3.52	3.52	3.52	3.52	-	-	-	-	14.08	5.20
9	14	18	18	-	-	-	-	2.34	3.64	4.67	4.67	-	-	-	-	15.33	5.89
9	14	14	24	-	-	-	-	2.30	3.57	3.57	6.12	-	-	-	-	15.57	5.88
9	14	14	18	-	-	-	-	2.49	3.87	3.87	4.97	-	-	-	-	15.21	5.90
9	14	14	14	-	-	-	-	2.64	4.10	4.10	4.10	-	-	-	-	14.94	5.65
9	12	18	18	-	-	-	-	2.46	3.28	4.90	4.90	-	-	-	-	15.54	5.90
9	12	14	24	-	-	-	-	2.34	3.12	3.64	6.23	-	-	-	-	15.33	5.89
9	12	14	18	-	-	-	-	2.53	3.37	3.93	5.05	-	-	-	-	14.87	5.90
9	12	14	14	-	-	-	-	2.64	3.52	4.10	4.10	-	-	-	-	14.36	5.35
9	12	12	24	-	-	-	-	2.46	3.28	3.28	6.54	-	-	-	-	15.55	5.90
9	12	12	18	-	-	-	-	2.64	3.52	3.52	5.27	-	-	-	-	14.95	5.65
9	12	12	14	-	-	-	-	2.64	3.52	3.52	4.10	-	-	-	-	13.78	5.05
9	12	12	12	-	-	-	-	2.64	3.52	3.52	3.52	-	-	-	-	13.20	4.73
9	9	18	24	-	-	-	-	2.32	2.32	4.63	6.18	-	-	-	-	15.45	5.89
9	9	18	18	-	-	-	-	2.51	2.51	5.01	5.01	-	-	-	-	15.04	5.90
9	9	14	24	-	-	-	-	2.47	2.47	3.84	6.59	-	-	-	-	15.38	5.90
9	9	14	18	-	-	-	-	2.64	2.64	4.10	5.27	-	-	-	-	14.65	5.50
9	9	14	14	-	-	-	-	2.64	2.64	4.10	4.10	-	-	-	-	13.48	4.89
9	9	12	24	-	-	-	-	2.51	2.51	3.35	6.68	-	-	-	-	15.05	5.90
9	9	12	18	-	-	-	-	2.64	2.64	3.52	5.27	-	-	-	-	14.07	5.20
9	9	12	14	-	-	-	-	2.64	2.64	3.52	4.10	-	-	-	-	12.90	4.57
9	9	12	12	-	-	-	-	2.64	2.64	3.52	3.52	-	-	-	-	12.32	4.24
9	9	9	24	-	-	-	-	2.64	2.64	2.64	7.03	-	-	-	-	14.95	5.65
9	9	9	18	-	-	-	-	2.64	2.64	2.64	5.27	-	-	-	-	13.19	4.73
9	9	9	14	-	-	-	-	2.64	2.64	2.64	4.10	-	-	-	-	12.02	4.08
9	9	9	12	-	-	-	-	2.64	2.64	2.64	3.52	-	-	-	-	11.44	3.74
7	18	18	18	-	-	-	-	1.79	4.59	4.59	4.59	-	-	-	-	15.56	5.88
7	14	18	18	-	-	-	-	1.91	3.82	4.91	4.91	-	-	-	-	15.54	5.90
7	14	14	24	-	-	-	-	1.82	3.64	3.64	6.24	-	-	-	-	15.33	5.89
7	14	14	18	-	-	-	-	1.96	3.93	3.93	5.05	-	-	-	-	14.87	5.90
7	14	14	14	-	-	-	-	2.05	4.10	4.10	4.10	-	-	-	-	14.35	5.35
7	12	18	24	-	-	-	-	1.79	3.07	4.59	6.12	-	-	-	-	15.57	5.88
7	12	18	18	-	-	-	-	1.93	3.32	4.97	4.97	-	-	-	-	15.21	5.90
7	12	14	24	-	-	-	-	1.91	3.28	3.82	6.54	-	-	-	-	15.54	5.90
7	12	14	18	-	-	-	-	2.05	3.52	4.10	5.27	-	-	-	-	14.94	5.65
7	12	14	14	-	-	-	-	2.05	3.52	4.10	4.10	-	-	-	-	13.77	5.05
7	12	12	24	-	-	-	-	1.93	3.32	3.32	6.63	-	-	-	-	15.21	5.90
7	12	12	18	-	-	-	-	2.05	3.52	3.52	5.27	-	-	-	-	14.36	5.35
7	12	12	14	-	-	-	-	2.05	3.52	3.52	4.10	-	-	-	-	13.19	4.73
7	12	12	12	-	-	-	-	2.05	3.52	3.52	3.52	-	-	-	-	12.61	4.41
7	9	18	24	-	-	-	-	1.84	2.36	4.72	6.29	-	-	-	-	15.21	5.90
7	9	18	18	-	-	-	-	2.05	2.64	5.27	5.27	-	-	-	-	15.23	5.79
7	9	14	24	-	-	-	-	1.95	2.51	3.90	6.68	-	-	-	-	15.04	5.90
7	9	14	18	-	-	-	-	2.05	2.64	4.10	5.27	-	-	-	-	14.06	5.20
7	9	12	24	-	-	-	-	2.05	2.64	3.52	7.03	-	-	-	-	15.24	5.79
7	9	12	18	-	-	-	-	2.05	2.64	3.52	5.27	-	-	-	-	13.48	4.89
7	9	12	14	-	-	-	-	2.05	2.64	3.52	4.10	-	-	-	-	12.31	4.24
7	9	12	12	-	-	-	-	2.05	2.64	3.52	3.52	-	-	-	-	11.73	3.91
7	9	9	24	-	-	-	-	2.05	2.64	2.64	7.03	-	-	-	-	14.36	5.35
7	9	9	18	-	-	-	-	2.05	2.64	2.64	5.27	-	-	-	-	12.60	4.41
7	9	9	14	-	-	-	-	2.05	2.64	2.64	4.10	-	-	-	-	11.43	3.74
7	7	24	24	-	-	-	-	1.77	1.77	6.07	6.07	-	-	-	-	15.68	5.87
7	7	18	24	-	-	-	-	1.92	1.92	4.94	6.59	-	-	-	-	15.37	5.90
7	7	18	18	-	-	-	-	2.05	2.05	5.27	5.27	-	-	-	-	14.64	5.50
7	7	14	24	-	-	-	-	2.05	2.05	4.10	7.03	-	-	-	-	15.23	5.79

Note: •Cooling capacity is based on 27°CDB/19°CWB(indoor temperature),35°CDB(outdoor temperature)
　　•Pipe Length: 5m (Outdoor unit to Branch box), 3m (Branch box to Indoor unit)
　　•Height difference: 0m (Outdoor unit to Indoor unit)
　　•The values in this table should be used only as a guide. These values are calculated at standard conditions.
　　 When you select models finally, select them according to "Model Selection" in the D&T manual
　　*1:LMC type is not available for this combination.

■ Cooling

AOYG45LBT8

Combination of indoor unit								COOLING OPERATION — Cooling Capacity									Input power
Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8	Total	
								KW	KW	KW	KW	KW	KW	KW	KW	KW	KW

4 Room

7	7	14	18	-	-	-	-	2.05	2.05	4.10	5.27	-	-	-	-	13.47	4.89
7	7	14	14	-	-	-	-	2.05	2.05	4.10	4.10	-	-	-	-	12.30	4.24
7	7	12	24	-	-	-	-	2.05	2.05	3.52	7.03	-	-	-	-	14.65	5.50
7	7	12	18	-	-	-	-	2.05	2.05	3.52	5.27	-	-	-	-	12.89	4.57
7	7	12	14	-	-	-	-	2.05	2.05	3.52	4.10	-	-	-	-	11.72	3.91
7	7	9	24	-	-	-	-	2.05	2.05	2.64	7.03	-	-	-	-	13.77	5.05
7	7	9	18	-	-	-	-	2.05	2.05	2.64	5.27	-	-	-	-	12.01	4.08
7	7	7	24	-	-	-	-	2.05	2.05	2.05	7.03	-	-	-	-	13.18	4.73
7	7	7	18	-	-	-	-	2.05	2.05	2.05	5.27	-	-	-	-	11.42	3.74

5 Room

12	12	12	12	14	-	-	-	3.04	3.04	3.04	3.04	3.54	-	-	-	15.69	5.87
12	12	12	12	12	-	-	-	3.09	3.09	3.09	3.09	3.09	-	-	-	15.46	5.89
9	12	12	14	14	-	-	-	2.30	3.07	3.07	3.57	3.57	-	-	-	15.57	5.88
9	12	12	12	14	-	-	-	2.34	3.12	3.12	3.12	3.63	-	-	-	15.34	5.89
9	12	12	12	12	-	-	-	2.46	3.27	3.27	3.27	3.27	-	-	-	15.55	5.90
9	9	14	14	14	-	-	-	2.32	2.32	3.60	3.60	3.60	-	-	-	15.45	5.89
9	9	12	14	18	-	-	-	2.28	2.28	3.04	3.54	4.55	-	-	-	15.69	5.87
9	9	12	14	14	-	-	-	2.36	2.36	3.15	3.67	3.67	-	-	-	15.21	5.90
9	9	12	12	18	-	-	-	2.32	2.32	3.09	3.09	4.63	-	-	-	15.45	5.89
9	9	12	12	14	-	-	-	2.47	2.47	3.30	3.30	3.84	-	-	-	15.38	5.90
9	9	12	12	12	-	-	-	2.51	2.51	3.34	3.34	3.34	-	-	-	15.05	5.90
9	9	9	14	18	-	-	-	2.34	2.34	2.34	3.64	4.67	-	-	-	15.33	5.89
9	9	9	14	14	-	-	-	2.49	2.49	2.49	3.87	3.87	-	-	-	15.21	5.90
9	9	9	12	18	-	-	-	2.46	2.46	2.46	3.28	4.90	-	-	-	15.55	5.90
9	9	9	12	14	-	-	-	2.53	2.53	2.53	3.37	3.93	-	-	-	14.88	5.90
9	9	9	12	12	-	-	-	2.64	2.64	2.64	3.52	3.52	-	-	-	14.96	5.65
9	9	9	9	24	-	-	-	2.32	2.32	2.32	2.32	6.18	-	-	-	15.45	5.89
9	9	9	9	18	-	-	-	2.51	2.51	2.51	2.51	5.01	-	-	-	15.05	5.90
9	9	9	9	14	-	-	-	2.64	2.64	2.64	2.64	4.10	-	-	-	14.66	5.50
9	9	9	9	12	-	-	-	2.64	2.64	2.64	2.64	3.52	-	-	-	14.08	5.20
9	9	9	9	9	-	-	-	2.64	2.64	2.64	2.64	2.64	-	-	-	13.20	4.73
7	12	14	14	14	-	-	-	1.79	3.07	3.57	3.57	3.57	-	-	-	15.57	5.88
7	12	12	14	14	-	-	-	1.82	3.12	3.12	3.64	3.64	-	-	-	15.33	5.89
7	12	12	12	18	-	-	-	1.79	3.07	3.07	3.07	4.59	-	-	-	15.57	5.88
7	12	12	12	14	-	-	-	1.91	3.28	3.28	3.28	3.82	-	-	-	15.55	5.90
7	12	12	12	12	-	-	-	1.93	3.32	3.32	3.32	3.32	-	-	-	15.22	5.90
7	9	14	14	18	-	-	-	1.77	2.28	3.54	3.54	4.55	-	-	-	15.68	5.87
7	9	14	14	14	-	-	-	1.84	2.36	3.67	3.67	3.67	-	-	-	15.21	5.90
7	9	12	14	18	-	-	-	1.80	2.32	3.09	3.60	4.63	-	-	-	15.45	5.89
7	9	12	14	14	-	-	-	1.92	2.47	3.30	3.84	3.84	-	-	-	15.38	5.90
7	9	12	12	18	-	-	-	1.83	2.36	3.15	3.15	4.72	-	-	-	15.21	5.90
7	9	12	12	14	-	-	-	1.95	2.51	3.35	3.35	3.90	-	-	-	15.05	5.90
7	9	12	12	12	-	-	-	2.05	2.64	3.52	3.52	3.52	-	-	-	15.25	5.79
7	9	9	18	18	-	-	-	1.79	2.30	2.30	4.59	4.59	-	-	-	15.57	5.88
7	9	9	14	18	-	-	-	1.91	2.46	2.46	3.82	4.90	-	-	-	15.54	5.90
7	9	9	14	14	-	-	-	1.96	2.53	2.53	3.93	3.93	-	-	-	14.87	5.90
7	9	9	12	24	-	-	-	1.79	2.30	2.30	3.07	6.12	-	-	-	15.57	5.88
7	9	9	12	18	-	-	-	1.93	2.49	2.49	3.32	4.97	-	-	-	15.21	5.90
7	9	9	12	14	-	-	-	2.05	2.64	2.64	3.52	4.10	-	-	-	14.95	5.65
7	9	9	12	12	-	-	-	2.05	2.64	2.64	3.52	3.52	-	-	-	14.37	5.35
7	9	9	9	24	-	-	-	1.83	2.36	2.36	2.36	6.29	-	-	-	15.21	5.90
7	9	9	9	18	-	-	-	2.05	2.64	2.64	2.64	5.27	-	-	-	15.24	5.79
7	9	9	9	14	-	-	-	2.05	2.64	2.64	2.64	4.10	-	-	-	14.07	5.20
7	9	9	9	12	-	-	-	2.05	2.64	2.64	2.64	3.52	-	-	-	13.49	4.89
7	9	9	9	9	-	-	-	2.05	2.64	2.64	2.64	2.64	-	-	-	12.61	4.41
7	7	14	14	18	-	-	-	1.80	1.80	3.60	3.60	4.63	-	-	-	15.45	5.89
7	7	14	14	14	-	-	-	1.92	1.92	3.84	3.84	3.84	-	-	-	15.37	5.90
7	7	12	18	18	-	-	-	1.77	1.77	3.04	4.55	4.55	-	-	-	15.68	5.87
7	7	12	14	18	-	-	-	1.84	1.84	3.15	3.67	4.72	-	-	-	15.21	5.90
7	7	12	14	14	-	-	-	1.95	1.95	3.35	3.90	3.90	-	-	-	15.04	5.90
7	7	12	12	24	-	-	-	1.77	1.77	3.04	3.04	6.07	-	-	-	15.69	5.87
7	7	12	12	14	-	-	-	2.05	2.05	3.52	3.52	4.10	-	-	-	15.24	5.79
7	7	12	12	12	-	-	-	2.05	2.05	3.52	3.52	3.52	-	-	-	14.66	5.50
7	7	9	18	18	-	-	-	1.82	1.82	2.34	4.67	4.67	-	-	-	15.33	5.89
7	7	9	14	24	-	-	-	1.79	1.79	2.30	3.57	6.12	-	-	-	15.57	5.88
7	7	9	14	18	-	-	-	1.93	1.93	2.49	3.87	4.97	-	-	-	15.21	5.90
7	7	9	14	14	-	-	-	2.05	2.05	2.64	4.10	4.10	-	-	-	14.94	5.65
7	7	9	12	24	-	-	-	1.82	1.82	2.34	3.12	6.23	-	-	-	15.33	5.89
7	7	9	12	18	-	-	-	1.96	1.96	2.53	3.37	5.05	-	-	-	14.87	5.90
7	7	9	12	14	-	-	-	2.05	2.05	2.64	3.52	4.10	-	-	-	14.36	5.35
7	7	9	12	12	-	-	-	2.05	2.05	2.64	3.52	3.52	-	-	-	13.78	5.05
7	7	9	9	24	-	-	-	1.92	1.92	2.47	2.47	6.59	-	-	-	15.38	5.90
7	7	9	9	18	-	-	-	2.05	2.05	2.64	2.64	5.27	-	-	-	14.65	5.50
7	7	9	9	14	-	-	-	2.05	2.05	2.64	2.64	4.10	-	-	-	13.48	4.89
7	7	9	9	12	-	-	-	2.05	2.05	2.64	2.64	3.52	-	-	-	12.90	4.57
7	7	9	9	9	-	-	-	2.05	2.05	2.64	2.64	2.64	-	-	-	12.02	4.08
7	7	7	18	18	-	-	-	1.91	1.91	1.91	4.91	4.91	-	-	-	15.54	5.90
7	7	7	14	24	-	-	-	1.82	1.82	1.82	3.64	6.24	-	-	-	15.33	5.89
7	7	7	14	18	-	-	-	1.96	1.96	1.96	3.93	5.05	-	-	-	14.87	5.90
7	7	7	14	14	-	-	-	2.05	2.05	2.05	4.10	4.10	-	-	-	14.35	5.35
7	7	7	12	24	-	-	-	1.91	1.91	1.91	3.28	6.54	-	-	-	15.54	5.90
7	7	7	12	18	-	-	-	2.05	2.05	2.05	3.52	5.27	-	-	-	14.94	5.65
7	7	7	12	14	-	-	-	2.05	2.05	2.05	3.52	4.10	-	-	-	13.77	5.05
7	7	7	12	12	-	-	-	2.05	2.05	2.05	3.52	3.52	-	-	-	13.19	4.73
7	7	7	9	24	-	-	-	1.95	1.95	1.95	2.51	6.68	-	-	-	15.04	5.90
7	7	7	9	18	-	-	-	2.05	2.05	2.05	2.64	5.27	-	-	-	14.06	5.20
7	7	7	9	14	-	-	-	2.05	2.05	2.05	2.64	4.10	-	-	-	12.89	4.57
7	7	7	9	12	-	-	-	2.05	2.05	2.05	2.64	3.52	-	-	-	12.31	4.24
7	7	7	9	9	-	-	-	2.05	2.05	2.05	2.64	2.64	-	-	-	11.43	3.74
7	7	7	7	24	-	-	-	2.05	2.05	2.05	2.05	7.03	-	-	-	15.23	5.79
7	7	7	7	18	-	-	-	2.05	2.05	2.05	2.05	5.27	-	-	-	13.47	4.89
7	7	7	7	14	-	-	-	2.05	2.05	2.05	2.05	4.10	-	-	-	12.30	4.24
7	7	7	7	12	-	-	-	2.05	2.05	2.05	2.05	3.52	-	-	-	11.72	3.91

6 Room

9	9	9	9	12	14	-	-	2.28	2.28	2.28	2.28	3.04	3.54	-	-	15.69	5.87
9	9	9	9	12	12	-	-	2.32	2.32	2.32	2.32	3.09	3.09	-	-	15.46	5.89
9	9	9	9	9	14	-	-	2.34	2.34	2.34	2.34	2.34	3.63	-	-	15.34	5.89
9	9	9	9	9	12	-	-	2.46	2.46	2.46	2.46	2.46	3.27	-	-	15.55	5.90
9	9	9	9	9	9	-	-	2.51	2.51	2.51	2.51	2.51	2.51	-	-	15.05	5.90
7	9	9	12	12	12	-	-	1.78	2.30	2.30	3.06	3.06	3.06	-	-	15.55	5.88
7	9	9	9	12	14	-	-	1.80	2.32	2.32	2.32	3.09	3.60	-	-	15.45	5.89
7	9	9	9	12	24	-	-	1.83	2.36	2.36	2.36	3.15	3.15	-	-	15.22	5.90

Note: •Cooling capacity is based on 27°CDB/19°CWB(indoor temperature),35°CDB(outdoor temperature)
　　•Pipe Length: 5m (Outdoor unit to Branch box), 3m (Branch box to Indoor unit)
　　•Height difference: 0m (Outdoor unit to Indoor unit)
　　•The values in this table should be used only as a guide. These values are calculated at standard conditions.
　　 When you select models finally, select them according to "Model Selection" in the D&T manual

■ Cooling

AOYG45LBT8 — COOLING OPERATION

Room group	Combination of indoor unit (Room 1–8)								Cooling Capacity — Room 1 (kW)	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8	Total (kW)	Input power (kW)
6 Room	7	9	9	9	9	18	-	-	1.79	2.30	2.30	2.30	2.30	4.59	-	-	15.57	5.88
	7	9	9	9	9	12	-	-	1.93	2.49	2.49	2.49	2.49	3.32	-	-	15.22	5.90
	7	9	9	9	9	9	-	-	2.05	2.64	2.64	2.64	2.64	2.64	-	-	15.25	5.79
	7	7	12	12	12	12	-	-	1.77	1.77	3.04	3.04	3.04	3.04	-	-	15.69	5.87
	7	7	9	12	12	14	-	-	1.79	1.79	2.30	3.07	3.07	3.57	-	-	15.57	5.88
	7	7	9	12	12	12	-	-	1.82	1.82	2.34	3.12	3.12	3.12	-	-	15.34	5.89
	7	7	9	9	14	14	-	-	1.80	1.80	2.32	2.32	3.60	3.60	-	-	15.45	5.89
	7	7	9	9	12	18	-	-	1.77	1.77	2.28	2.28	3.04	4.55	-	-	15.69	5.87
	7	7	9	9	12	14	-	-	1.83	1.83	2.36	2.36	3.15	3.67	-	-	15.21	5.90
	7	7	9	9	12	12	-	-	1.92	1.92	2.47	2.47	3.30	3.30	-	-	15.38	5.90
	7	7	9	9	9	18	-	-	1.82	1.82	2.34	2.34	2.34	4.67	-	-	15.33	5.89
	7	7	9	9	9	14	-	-	1.93	1.93	2.49	2.49	2.49	3.87	-	-	15.21	5.90
	7	7	9	9	9	12	-	-	1.96	1.96	2.53	2.53	2.53	3.37	-	-	14.88	5.90
	7	7	9	9	9	9	-	-	2.05	2.05	2.64	2.64	2.64	2.64	-	-	14.66	5.50
	7	7	7	12	14	14	-	-	1.79	1.79	1.79	3.07	3.57	3.57	-	-	15.57	5.88
	7	7	7	12	12	14	-	-	1.82	1.82	1.82	3.12	3.12	3.64	-	-	15.33	5.89
	7	7	7	12	12	12	-	-	1.91	1.91	1.91	3.28	3.28	3.28	-	-	15.55	5.90
	7	7	7	9	14	18	-	-	1.77	1.77	1.77	2.28	3.54	4.55	-	-	15.68	5.87
	7	7	7	9	14	14	-	-	1.84	1.84	1.84	2.36	3.67	3.67	-	-	15.21	5.90
	7	7	7	9	12	18	-	-	1.80	1.80	1.80	2.32	3.09	4.63	-	-	15.45	5.89
	7	7	7	9	12	14	-	-	1.92	1.92	1.92	2.47	3.30	3.84	-	-	15.38	5.90
	7	7	7	9	12	12	-	-	1.95	1.95	1.95	2.51	3.35	3.35	-	-	15.05	5.90
	7	7	7	9	9	18	-	-	1.91	1.91	1.91	2.46	2.46	4.90	-	-	15.54	5.90
	7	7	7	9	9	14	-	-	1.96	1.96	1.96	2.53	2.53	3.93	-	-	14.87	5.90
	7	7	7	9	9	12	-	-	2.05	2.05	2.05	2.64	2.64	3.52	-	-	14.95	5.65
	7	7	7	9	9	9	-	-	2.05	2.05	2.05	2.64	2.64	2.64	-	-	14.07	5.20
	7	7	7	7	14	18	-	-	1.80	1.80	1.80	1.80	3.60	4.63	-	-	15.45	5.89
	7	7	7	7	14	14	-	-	1.92	1.92	1.92	1.92	3.84	3.84	-	-	15.37	5.90
	7	7	7	7	12	18	-	-	1.84	1.84	1.84	1.84	3.15	4.72	-	-	15.21	5.90
	7	7	7	7	12	14	-	-	1.95	1.95	1.95	1.95	3.35	3.90	-	-	15.04	5.90
	7	7	7	7	12	12	-	-	2.05	2.05	2.05	2.05	3.52	3.52	-	-	15.24	5.79
	7	7	7	7	9	24	-	-	1.79	1.79	1.79	1.79	2.30	6.12	-	-	15.57	5.88
	7	7	7	7	9	18	-	-	1.93	1.93	1.93	1.93	2.49	4.97	-	-	15.21	5.90
	7	7	7	7	9	14	-	-	2.05	2.05	2.05	2.05	2.64	4.10	-	-	14.94	5.65
	7	7	7	7	9	12	-	-	2.05	2.05	2.05	2.05	2.64	3.52	-	-	14.36	5.35
	7	7	7	7	9	9	-	-	2.05	2.05	2.05	2.05	2.64	2.64	-	-	13.48	4.89
	7	7	7	7	7	24	-	-	1.82	1.82	1.82	1.82	1.82	6.24	-	-	15.33	5.89
	7	7	7	7	7	18	-	-	1.96	1.96	1.96	1.96	1.96	5.05	-	-	14.87	5.90
	7	7	7	7	7	14	-	-	2.05	2.05	2.05	2.05	2.05	4.10	-	-	14.35	5.35
	7	7	7	7	7	12	-	-	2.05	2.05	2.05	2.05	2.05	3.52	-	-	13.77	5.05
	7	7	7	7	7	9	-	-	2.05	2.05	2.05	2.05	2.05	2.64	-	-	12.89	4.57
	7	7	7	7	7	7	-	-	2.05	2.05	2.05	2.05	2.05	2.05	-	-	12.30	4.24
7 Room	7	9	9	9	9	9	9	-	1.78	2.30	2.30	2.30	2.30	2.30	2.30	-	15.57	5.88
	7	7	9	9	9	9	12	-	1.77	1.77	2.28	2.28	2.28	2.28	3.04	-	15.69	5.87
	7	7	9	9	9	9	9	-	1.82	1.82	2.34	2.34	2.34	2.34	2.34	-	15.34	5.89
	7	7	7	9	9	9	14	-	1.77	1.77	1.77	2.28	2.28	2.28	3.54	-	15.69	5.87
	7	7	7	9	9	12	12	-	1.80	1.80	1.80	2.32	2.32	2.32	3.09	-	15.45	5.89
	7	7	7	9	9	9	9	-	1.91	1.91	1.91	2.46	2.46	2.46	2.46	-	15.55	5.90
	7	7	7	7	9	12	12	-	1.79	1.79	1.79	1.79	2.30	3.07	3.07	-	15.57	5.88
	7	7	7	7	9	9	14	-	1.80	1.80	1.80	1.80	2.32	2.32	3.60	-	15.45	5.89
	7	7	7	7	9	9	12	-	1.83	1.83	1.83	1.83	2.36	2.36	3.15	-	15.21	5.90
	7	7	7	7	9	9	9	-	1.93	1.93	1.93	1.93	2.49	2.49	2.49	-	15.21	5.90
	7	7	7	7	7	12	14	-	1.79	1.79	1.79	1.79	1.79	3.07	3.57	-	15.57	5.88
	7	7	7	7	7	12	12	-	1.82	1.82	1.82	1.82	1.82	3.12	3.12	-	15.33	5.89
	7	7	7	7	7	9	18	-	1.77	1.77	1.77	1.77	1.77	2.28	4.55	-	15.68	5.87
	7	7	7	7	7	9	14	-	1.84	1.84	1.84	1.84	1.84	2.36	3.67	-	15.21	5.90
	7	7	7	7	7	9	12	-	1.92	1.92	1.92	1.92	1.92	2.47	3.30	-	15.38	5.90
	7	7	7	7	7	9	9	-	1.96	1.96	1.96	1.96	1.96	2.53	2.53	-	14.87	5.90
	7	7	7	7	7	7	18	-	1.80	1.80	1.80	1.80	1.80	1.80	4.63	-	15.45	5.89
	7	7	7	7	7	7	14	-	1.92	1.92	1.92	1.92	1.92	1.92	3.84	-	15.37	5.90
	7	7	7	7	7	7	12	-	1.95	1.95	1.95	1.95	1.95	1.95	3.35	-	15.04	5.90
	7	7	7	7	7	7	9	-	2.05	2.05	2.05	2.05	2.05	2.05	2.64	-	14.94	5.65
	7	7	7	7	7	7	7	-	2.05	2.05	2.05	2.05	2.05	2.05	2.05	-	14.35	5.35
8 Room	7	7	7	7	9	9	9	9	1.77	1.77	1.77	1.77	2.28	2.28	2.28	2.28	15.69	5.87
	7	7	7	7	7	7	9	9	1.80	1.80	1.80	1.80	1.80	1.80	2.32	2.32	15.45	5.89
	7	7	7	7	7	7	7	12	1.79	1.79	1.79	1.79	1.79	1.79	1.79	3.07	15.57	5.88
	7	7	7	7	7	7	7	9	1.84	1.84	1.84	1.84	1.84	1.84	1.84	2.36	15.21	5.90
	7	7	7	7	7	7	7	7	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	15.37	5.90

Note: • Cooling capacity is based on 27°CDB/19°CWB(indoor temperature),35°CDB(outdoor temperature)
• Pipe Length: 5m (Outdoor unit to Branch box), 3m (Branch box to Indoor unit)
• Height difference: 0m (Outdoor unit to Indoor unit)
• The values in this table should be used only as a guide. These values are calculated at standard conditions.
　When you select models finally, select them according to "Model Selection" in the D&T manual

■ Heating

AOYG45LBT8 — HEATING OPERATION

Room group	Combination of indoor unit (Room 1–8)								Heating Capacity — Room 1 (kW)	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8	Total (kW)	Input power (kW)
2 Room	24	24	-	-	-	-	-	-	7.91	7.91	-	-	-	-	-	-	15.82	5.07
	18	24	-	-	-	-	-	-	5.86	7.91	-	-	-	-	-	-	13.77	4.21
3 Room	18	18	24	-	-	-	-	-	5.32	5.32	7.18	-	-	-	-	-	17.82	5.98
	18	18	18	-	-	-	-	-	5.79	5.79	5.79	-	-	-	-	-	17.38	5.43
	14	24	24	-	-	-	-	-	4.26	7.02	7.02	-	-	-	-	-	18.31	5.98
	14	18	24	-	-	-	-	-	4.59	5.61	7.57	-	-	-	-	-	17.77	5.70
	14	18	18	-	-	-	-	-	4.78	5.84	5.84	-	-	-	-	-	16.46	5.11
	14	14	24	-	-	-	-	-	4.75	4.75	7.82	-	-	-	-	-	17.32	5.23
	14	14	18	-	-	-	-	-	4.80	4.80	5.86	-	-	-	-	-	15.46	4.75
	14*1	14*1	14*1	-	-	-	-	-	4.80	4.80	4.80	-	-	-	-	-	14.40	4.21
	12	24	24	-	-	-	-	-	3.58	7.15	7.15	-	-	-	-	-	17.89	5.98
	12	18	24	-	-	-	-	-	3.84	5.68	7.67	-	-	-	-	-	17.19	5.43
	12	18	18	-	-	-	-	-	3.96	5.86	5.86	-	-	-	-	-	15.68	5.07
	12	14	24	-	-	-	-	-	3.94	4.78	7.87	-	-	-	-	-	16.59	5.11
	12	14	18	-	-	-	-	-	3.96	4.80	5.86	-	-	-	-	-	14.62	4.46
	12*1	14*1	14*1	-	-	-	-	-	3.96	4.80	4.80	-	-	-	-	-	13.56	4.00
	12	12	24	-	-	-	-	-	3.96	3.96	7.91	-	-	-	-	-	15.83	5.07
	12	12	18	-	-	-	-	-	3.96	3.96	5.86	-	-	-	-	-	13.78	4.21
	9	24	24	-	-	-	-	-	2.85	7.54	7.54	-	-	-	-	-	17.93	5.87
	9	18	24	-	-	-	-	-	2.97	5.83	7.87	-	-	-	-	-	16.67	5.16
	9	18	18	-	-	-	-	-	2.99	5.86	5.86	-	-	-	-	-	14.71	4.60
	9	14	24	-	-	-	-	-	2.99	4.80	7.91	-	-	-	-	-	15.70	4.91
	9	14	18	-	-	-	-	-	2.99	4.80	5.86	-	-	-	-	-	13.65	4.10
	9	12	24	-	-	-	-	-	2.99	3.96	7.91	-	-	-	-	-	14.86	4.60
	9	12	18	-	-	-	-	-	2.99	3.96	5.86	-	-	-	-	-	12.81	3.90
	9	9	24	-	-	-	-	-	2.99	2.99	7.91	-	-	-	-	-	13.89	4.21
	7	24	24	-	-	-	-	-	2.28	7.61	7.61	-	-	-	-	-	17.51	5.56
	7	18	24	-	-	-	-	-	2.37	5.85	7.90	-	-	-	-	-	16.12	5.08
	7	18	18	-	-	-	-	-	2.37	5.86	5.86	-	-	-	-	-	14.09	4.33
	7	14	24	-	-	-	-	-	2.37	4.80	7.91	-	-	-	-	-	15.08	4.60
	7	14	18	-	-	-	-	-	2.37	4.80	5.86	-	-	-	-	-	13.03	3.90
	7	12	24	-	-	-	-	-	2.37	3.96	7.91	-	-	-	-	-	14.24	4.33
	7	9	24	-	-	-	-	-	2.37	2.99	7.91	-	-	-	-	-	13.27	4.00
4 Room	14	14	14	18	-	-	-	-	4.30	4.30	4.30	5.24	-	-	-	-	18.13	5.98
	14	14	14	14	-	-	-	-	4.55	4.55	4.55	4.55	-	-	-	-	18.20	5.70
	12	14	18	18	-	-	-	-	3.53	4.28	5.22	5.22	-	-	-	-	18.24	5.98
	12	14	14	18	-	-	-	-	3.61	4.38	4.38	5.34	-	-	-	-	17.71	5.98
	12	14	14	14	-	-	-	-	3.80	4.61	4.61	4.61	-	-	-	-	17.62	5.43
	12	12	18	18	-	-	-	-	3.59	3.59	5.32	5.32	-	-	-	-	17.82	5.98
	12	12	14	24	-	-	-	-	3.52	3.52	4.26	7.02	-	-	-	-	18.32	5.98
	12	12	14	18	-	-	-	-	3.79	3.79	4.59	5.61	-	-	-	-	17.77	5.70
	12	12	14	14	-	-	-	-	3.92	3.92	4.75	4.75	-	-	-	-	17.33	5.23
	12	12	12	24	-	-	-	-	3.58	3.58	3.58	7.15	-	-	-	-	17.90	5.98
	12	12	12	18	-	-	-	-	3.84	3.84	3.84	5.68	-	-	-	-	17.20	5.43
	12	12	12	14	-	-	-	-	3.94	3.94	3.94	4.78	-	-	-	-	16.60	5.11
	12	12	12	12	-	-	-	-	3.96	3.96	3.96	3.96	-	-	-	-	15.84	5.07
	9	14	18	18	-	-	-	-	2.72	4.37	5.33	5.33	-	-	-	-	17.76	5.98
	9	14	14	24	-	-	-	-	2.66	4.27	4.27	7.04	-	-	-	-	18.25	5.98
	9	14	14	18	-	-	-	-	2.87	4.60	4.60	5.62	-	-	-	-	17.68	5.56
	9	14	14	14	-	-	-	-	2.96	4.75	4.75	4.75	-	-	-	-	17.22	5.16
	9	12	18	18	-	-	-	-	2.86	3.78	5.60	5.60	-	-	-	-	17.84	5.87
	9	12	14	24	-	-	-	-	2.71	3.59	4.35	7.17	-	-	-	-	17.83	5.98
	9	12	14	18	-	-	-	-	2.90	3.85	4.66	5.69	-	-	-	-	17.11	5.32
	9	12	14	14	-	-	-	-	2.98	3.94	4.78	4.78	-	-	-	-	16.48	5.08
	9	12	12	24	-	-	-	-	2.85	3.77	3.77	7.54	-	-	-	-	17.94	5.87
	9	12	12	18	-	-	-	-	2.97	3.94	3.94	5.83	-	-	-	-	16.67	5.16
	9	12	12	14	-	-	-	-	2.99	3.96	3.96	4.80	-	-	-	-	15.71	4.91
	9	12	12	12	-	-	-	-	2.99	3.96	3.96	3.96	-	-	-	-	14.87	4.60
	9	9	18	24	-	-	-	-	2.71	2.71	5.30	7.16	-	-	-	-	17.88	5.98
	9	9	18	18	-	-	-	-	2.90	2.90	5.68	5.68	-	-	-	-	17.17	5.43
	9	9	14	24	-	-	-	-	2.86	2.86	4.58	7.55	-	-	-	-	17.85	5.70
	9	9	14	18	-	-	-	-	2.98	2.98	4.78	5.83	-	-	-	-	16.56	5.11
	9	9	14	14	-	-	-	-	2.99	2.99	4.80	4.80	-	-	-	-	15.58	4.75
	9	9	12	24	-	-	-	-	2.99	2.99	3.83	7.65	-	-	-	-	17.27	5.43
	9	9	12	18	-	-	-	-	2.99	2.99	3.96	5.86	-	-	-	-	15.80	5.07
	9	9	12	14	-	-	-	-	2.99	2.99	3.96	4.80	-	-	-	-	14.74	4.46
	9	9	12	12	-	-	-	-	2.99	2.99	3.96	3.96	-	-	-	-	13.90	4.21
	9	9	9	24	-	-	-	-	2.97	2.97	2.97	7.86	-	-	-	-	16.77	5.16
	9	9	9	18	-	-	-	-	2.99	2.99	2.99	5.86	-	-	-	-	14.83	4.60
	9	9	9	14	-	-	-	-	2.99	2.99	2.99	4.80	-	-	-	-	13.77	4.10
	9	9	9	12	-	-	-	-	2.99	2.99	2.99	3.96	-	-	-	-	12.93	3.90
	7	18	18	18	-	-	-	-	2.14	5.28	5.28	5.28	-	-	-	-	17.98	5.87
	7	14	18	18	-	-	-	-	2.26	4.57	5.58	5.58	-	-	-	-	17.99	5.87
	7	14	14	24	-	-	-	-	2.14	4.33	4.33	7.14	-	-	-	-	17.94	5.98
	7	14	14	18	-	-	-	-	2.29	4.65	4.65	5.67	-	-	-	-	17.26	5.32
	7	14	14	14	-	-	-	-	2.36	4.77	4.77	4.77	-	-	-	-	16.67	5.08
	7	12	18	24	-	-	-	-	2.13	3.56	5.26	7.10	-	-	-	-	18.05	5.98
	7	12	18	18	-	-	-	-	2.29	3.82	5.65	5.65	-	-	-	-	17.41	5.56
	7	12	14	24	-	-	-	-	2.25	3.76	4.56	7.52	-	-	-	-	18.09	5.87
	7	12	14	18	-	-	-	-	2.35	3.93	4.77	5.82	-	-	-	-	16.87	5.16
	7	12	14	14	-	-	-	-	2.37	3.96	4.80	4.80	-	-	-	-	15.93	4.91
	7	12	12	24	-	-	-	-	2.28	3.81	3.81	7.61	-	-	-	-	17.51	5.56
	7	12	12	18	-	-	-	-	2.37	3.96	3.96	5.85	-	-	-	-	16.13	5.08
	7	12	12	14	-	-	-	-	2.37	3.96	3.96	4.80	-	-	-	-	15.09	4.60
	7	12	12	12	-	-	-	-	2.37	3.96	3.96	3.96	-	-	-	-	14.25	4.33
	7	9	18	24	-	-	-	-	2.25	2.84	5.56	7.51	-	-	-	-	18.15	5.98
	7	9	18	18	-	-	-	-	2.35	2.97	5.81	5.81	-	-	-	-	16.95	5.23
	7	9	14	24	-	-	-	-	2.29	2.88	4.63	7.63	-	-	-	-	17.42	5.43
	7	9	14	18	-	-	-	-	2.37	2.99	4.80	5.86	-	-	-	-	16.02	5.07
	7	9	12	24	-	-	-	-	2.35	2.96	3.92	7.84	-	-	-	-	17.08	5.23
	7	9	12	18	-	-	-	-	2.37	2.99	3.96	5.86	-	-	-	-	15.18	4.75
	7	9	12	14	-	-	-	-	2.37	2.99	3.96	4.80	-	-	-	-	14.12	4.21
	7	9	12	12	-	-	-	-	2.37	2.99	3.96	3.96	-	-	-	-	13.28	4.00
	7	9	9	24	-	-	-	-	2.37	2.98	2.98	7.89	-	-	-	-	16.23	5.08
	7	9	9	18	-	-	-	-	2.37	2.99	2.99	5.86	-	-	-	-	14.21	4.33
	7	9	9	14	-	-	-	-	2.37	2.99	2.99	4.80	-	-	-	-	13.15	3.90
	7	7	24	24	-	-	-	-	2.11	2.11	7.03	7.03	-	-	-	-	18.28	5.98
	7	7	18	24	-	-	-	-	2.27	2.27	5.61	7.57	-	-	-	-	17.73	5.70
	7	7	18	18	-	-	-	-	2.36	2.36	5.84	5.84	-	-	-	-	16.40	5.11
	7	7	14	24	-	-	-	-	2.35	2.35	4.75	7.83	-	-	-	-	17.27	5.23

Note: • Heating capacity is based on 20°CDB(indoor temperature),7°CDB/6°CWB(outdoor temperature)
• Pipe Length: 5m (Outdoor unit to Branch box), 3m (Branch box to Indoor unit)
• Height difference: 0m (Outdoor unit to Indoor unit)
• The values in this table should be used only as a guide. These values are calculated at standard conditions.
　When you select models finally, select them according to "Model Selection" in the D&T manual
　*1:LMC type is not available for this combination.

■ Heating

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Note: The following tables list the combination of indoor units with heating capacities. Header structure: Combination of indoor unit (Room 1–Room 8) | HEATING OPERATION – Heating Capacity (Room 1–Room 8, Total, kW) | Input power (kW).

4 Room

C1	C2	C3	C4	R1	R2	R3	R4	Total	Input
7	7	14	18	2.37	2.37	4.80	5.86	15.40	4.75
7	7	14	14	2.37	2.37	4.80	4.80	14.34	4.21
7	7	12	24	2.36	2.36	3.94	7.87	16.53	5.11
7	7	12	18	2.37	2.37	3.96	5.86	14.56	4.46
7	7	12	14	2.37	2.37	3.96	4.80	13.50	4.00
7	7	9	24	2.37	2.37	2.99	7.91	15.64	4.91
7	7	9	18	2.37	2.37	2.99	5.86	13.59	4.10
7	7	7	24	2.37	2.37	2.37	7.91	15.02	4.60
7	7	7	18	2.37	2.37	2.37	5.86	12.97	3.90

5 Room

C1	C2	C3	C4	C5	R1	R2	R3	R4	R5	Total	Input
12	12	12	12	14	3.51	3.51	3.51	3.51	4.26	18.32	5.98
12	12	12	12	12	3.58	3.58	3.58	3.58	3.58	17.90	5.98
12	12	12	14	14	2.66	3.52	3.52	4.27	4.27	18.26	5.98
9	12	12	12	14	2.71	3.59	3.59	3.59	4.35	17.84	5.98
9	12	12	12	12	2.85	3.77	3.77	3.77	3.77	17.95	5.87
9	9	14	14	14	2.67	2.67	4.28	4.28	4.28	18.19	5.98
9	9	12	14	18	2.66	2.66	3.52	4.26	5.21	18.30	5.98
9	9	12	14	14	2.72	2.72	3.60	4.37	4.37	17.77	5.98
9	9	12	12	18	2.71	2.71	3.58	3.58	5.30	17.88	5.98
9	9	12	12	14	2.86	2.86	3.78	3.78	4.58	17.86	5.70
9	9	12	12	12	2.89	2.89	3.83	3.83	3.83	17.28	5.43
9	9	9	14	18	2.71	2.71	2.71	4.36	5.32	17.82	5.98
9	9	9	14	14	2.86	2.86	2.86	4.59	4.59	17.77	5.56
9	9	9	12	18	2.85	2.85	2.85	3.78	5.59	17.92	5.87
9	9	9	12	14	2.90	2.90	2.90	3.84	4.65	17.19	5.32
9	9	9	12	12	2.97	2.97	2.97	3.93	3.93	16.78	5.16
9	9	9	9	24	2.70	2.70	2.70	2.70	7.14	17.94	5.98
9	9	9	9	18	2.89	2.89	2.89	2.89	5.67	17.25	5.43
9	9	9	9	14	2.97	2.97	2.97	2.97	4.77	16.67	5.11
9	9	9	9	12	2.99	2.99	2.99	2.99	3.96	15.92	5.07
9	9	9	9	9	2.99	2.99	2.99	2.99	2.99	14.95	4.60
12	14	14	14	14	2.10	3.51	4.25	4.25	4.25	18.37	5.98
7	12	12	14	14	2.14	3.57	3.57	4.33	4.33	17.95	5.98
7	12	12	12	18	2.13	3.56	3.56	3.56	5.26	18.06	5.98
7	12	12	12	14	2.25	3.76	3.76	3.76	4.56	18.10	5.87
7	12	12	12	12	2.28	3.81	3.81	3.81	3.81	17.52	5.56
7	9	14	14	18	2.09	2.64	4.24	4.24	5.18	18.40	5.98
7	9	14	14	14	2.14	2.71	4.34	4.34	4.34	17.88	5.98
7	9	12	14	18	2.13	2.69	3.57	4.32	5.28	17.99	5.98
7	9	12	14	14	2.26	2.85	3.77	4.57	4.57	18.01	5.70
7	9	12	12	18	2.25	2.84	3.76	3.76	5.56	18.16	5.98
7	9	12	12	14	2.28	2.88	3.82	3.82	4.63	17.43	5.43
7	9	12	12	12	2.35	2.96	3.92	3.92	3.92	17.09	5.23
7	9	9	18	18	2.13	2.69	2.69	5.27	5.27	18.04	5.98
7	9	9	14	18	2.25	2.84	2.84	4.56	5.57	18.07	5.87
7	9	9	14	14	2.29	2.89	2.89	4.64	4.64	17.34	5.32
7	9	9	12	24	2.12	2.68	2.68	3.55	7.08	18.11	5.98
7	9	9	12	18	2.28	2.88	2.88	3.81	5.64	17.49	5.56
7	9	9	12	14	2.35	2.97	2.97	3.93	4.76	16.97	5.16
7	9	9	12	12	2.37	2.98	2.98	3.95	3.95	16.24	5.08
7	9	9	9	24	2.17	2.74	2.74	2.74	7.24	17.63	5.98
7	9	9	9	18	2.35	2.96	2.96	2.96	5.81	17.05	5.23
7	9	9	9	14	2.37	2.99	2.99	2.99	4.79	16.12	5.07
7	9	9	9	12	2.37	2.99	2.99	2.99	3.96	15.30	4.75
7	9	9	9	9	2.37	2.99	2.99	2.99	2.99	14.33	4.33
7	7	14	14	18	2.12	2.12	4.30	4.30	5.25	18.10	5.98
7	7	14	14	14	2.25	2.25	4.55	4.55	4.55	18.16	5.70
7	7	12	18	18	2.11	2.11	3.53	5.23	5.23	18.21	5.98
7	7	12	14	18	2.16	2.16	3.62	4.38	5.35	17.88	5.98
7	7	12	14	14	2.28	2.28	3.80	4.61	4.61	17.58	5.43
7	7	12	12	24	2.11	2.11	3.52	3.52	7.03	18.29	5.98
7	7	12	12	14	2.35	2.35	3.92	3.92	4.75	17.28	5.23
7	7	12	12	12	2.36	2.36	3.94	3.94	3.94	16.54	5.11
7	7	9	18	18	2.16	2.16	2.72	5.34	5.34	17.73	5.98
7	7	9	14	24	2.11	2.11	2.67	4.28	7.05	18.22	5.98
7	7	9	14	18	2.27	2.27	2.87	4.61	5.62	17.64	5.56
7	7	9	14	14	2.35	2.35	2.96	4.75	4.75	17.16	5.16
7	7	9	12	24	2.15	2.15	2.72	3.60	7.18	17.80	5.98
7	7	9	12	18	2.34	2.34	2.96	3.92	5.80	17.36	5.32
7	7	9	12	14	2.36	2.36	2.98	3.95	4.78	16.43	5.08
7	7	9	12	12	2.37	2.37	2.99	3.96	3.96	15.65	4.91
7	7	9	9	24	2.27	2.27	2.86	2.86	7.56	17.81	5.70
7	7	9	9	18	2.36	2.36	2.98	2.98	5.83	16.51	5.11
7	7	9	9	14	2.37	2.37	2.99	2.99	4.80	15.52	4.75
7	7	9	9	12	2.37	2.37	2.99	2.99	3.96	14.68	4.46
7	7	9	9	9	2.37	2.37	2.99	2.99	2.99	13.71	4.10
7	7	7	18	18	2.26	2.26	2.26	5.58	5.58	17.95	5.87
7	7	7	14	24	2.14	2.14	2.14	4.34	7.15	17.91	5.98
7	7	7	14	18	2.30	2.30	2.30	4.65	5.68	17.22	5.32
7	7	7	14	14	2.36	2.36	2.36	4.77	4.77	16.62	5.08
7	7	7	12	24	2.25	2.25	2.25	3.77	7.52	18.05	5.87
7	7	7	12	18	2.35	2.35	2.35	3.93	5.82	16.81	5.16
7	7	7	12	14	2.37	2.37	2.37	3.96	4.80	15.87	4.91
7	7	7	12	12	2.37	2.37	2.37	3.96	3.96	15.03	4.60
7	7	7	9	24	2.29	2.29	2.29	2.89	7.63	17.38	5.43
7	7	7	9	18	2.37	2.37	2.37	2.99	5.86	15.96	5.07
7	7	7	9	14	2.37	2.37	2.37	2.99	4.80	14.90	4.46
7	7	7	9	12	2.37	2.37	2.37	2.99	3.96	14.06	4.21
7	7	7	9	9	2.37	2.37	2.37	2.99	2.99	13.09	3.90
7	7	7	7	24	2.35	2.35	2.35	2.35	7.83	17.22	5.23
7	7	7	7	18	2.37	2.37	2.37	2.37	5.86	15.34	4.75
7	7	7	7	14	2.37	2.37	2.37	2.37	4.80	14.28	4.21
7	7	7	7	12	2.37	2.37	2.37	2.37	3.96	13.44	4.00

6 Room

C1	C2	C3	C4	C5	C6	R1	R2	R3	R4	R5	R6	Total	Input
9	9	9	9	12	14	2.65	2.65	2.65	2.65	3.51	4.25	18.36	5.98
9	9	9	9	12	12	2.70	2.70	2.70	2.70	3.57	3.57	17.94	5.98
9	9	9	9	9	14	2.71	2.71	2.71	2.71	2.71	4.34	17.88	5.98
9	9	9	9	9	12	2.85	2.85	2.85	2.85	2.85	3.77	18.00	5.87
9	9	9	9	9	9	2.89	2.89	2.89	2.89	2.89	2.89	17.33	5.43
7	9	12	12	12	12	2.12	2.68	2.68	3.55	3.55	3.55	18.12	5.98
7	9	9	12	12	14	2.13	2.69	2.69	2.69	3.56	4.31	18.05	5.98
7	9	9	9	12	12	2.17	2.74	2.74	2.74	3.62	3.62	17.63	5.98

Note: • Heating capacity is based on 20°CDB(indoor temperature),7°CDB/6°CWB(outdoor temperature)
  • Pipe Length: 5m (Outdoor unit to Branch box), 3m (Branch box to Indoor unit)
  • Height difference: 0m (Outdoor unit to Indoor unit)
  • The values in this table should be used only as a guide. These values are calculated at standard conditions.
   When you select models finally, select them according to "Model Selection" in the D&T manual

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■ Heating

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6 Room

C1	C2	C3	C4	C5	C6	C7	C8	R1	R2	R3	R4	R5	R6	R7	R8	Total	Input
7	9	9	9	9	18	-	-	2.12	2.68	2.68	2.68	2.68	5.25	-	-	18.10	5.98
7	9	9	9	9	12	-	-	2.28	2.87	2.87	2.87	2.87	3.81	-	-	17.57	5.56
7	9	9	9	9	9	-	-	2.35	2.96	2.96	2.96	2.96	2.96	-	-	17.16	5.23
7	7	12	12	12	14	-	-	2.11	2.11	3.52	3.52	3.52	3.52	-	-	18.29	5.98
7	7	9	12	12	14	-	-	2.15	2.15	2.71	3.60	3.60	3.60	-	-	17.81	5.98
7	7	9	9	14	14	-	-	2.12	2.12	2.67	2.67	4.29	4.29	-	-	18.16	5.98
7	7	9	9	12	18	-	-	2.11	2.11	2.66	2.66	3.52	5.21	-	-	18.27	5.98
7	7	9	9	12	14	-	-	2.16	2.16	2.72	2.72	3.61	4.37	-	-	17.74	5.98
7	7	9	9	12	12	-	-	2.27	2.27	2.86	2.86	3.78	3.78	-	-	17.82	5.70
7	7	9	9	9	18	-	-	2.15	2.15	2.72	2.72	2.72	5.33	-	-	17.79	5.98
7	7	9	9	9	14	-	-	2.27	2.27	2.86	2.86	2.86	4.60	-	-	17.73	5.56
7	7	9	9	9	12	-	-	2.30	2.30	2.90	2.90	2.90	3.84	-	-	17.15	5.32
7	7	9	9	9	9	-	-	2.36	2.36	2.97	2.97	2.97	2.97	-	-	16.61	5.11
7	7	7	12	14	14	-	-	2.10	2.10	2.10	3.51	4.26	4.26	-	-	18.34	5.98
7	7	7	12	12	14	-	-	2.14	2.14	2.14	3.58	3.58	4.34	-	-	17.92	5.98
7	7	7	12	12	12	-	-	2.25	2.25	2.25	3.77	3.77	3.77	-	-	18.06	5.87
7	7	7	9	14	18	-	-	2.10	2.10	2.10	2.65	4.25	5.19	-	-	18.38	5.98
7	7	7	9	12	18	-	-	2.14	2.14	2.14	2.70	3.57	5.28	-	-	17.85	5.98
7	7	7	9	12	14	-	-	2.26	2.26	2.26	2.85	3.77	4.57	-	-	17.97	5.70
7	7	7	9	12	12	-	-	2.29	2.29	2.29	2.89	3.82	3.82	-	-	17.39	5.43
7	7	7	9	9	18	-	-	2.25	2.25	2.25	2.84	2.84	5.57	-	-	18.03	5.87
7	7	7	9	9	14	-	-	2.29	2.29	2.29	2.89	2.89	4.64	-	-	17.30	5.32
7	7	7	9	9	12	-	-	2.35	2.35	2.35	2.97	2.97	3.93	-	-	16.92	5.16
7	7	7	9	9	9	-	-	2.37	2.37	2.37	2.99	2.99	2.99	-	-	16.07	5.07
7	7	7	7	14	18	-	-	2.13	2.13	2.13	2.13	4.31	5.26	-	-	18.07	5.98
7	7	7	7	14	14	-	-	2.25	2.25	2.25	2.25	4.56	4.56	-	-	18.12	5.70
7	7	7	7	12	18	-	-	2.17	2.17	2.17	2.17	3.62	5.36	-	-	17.65	5.98
7	7	7	7	12	14	-	-	2.28	2.28	2.28	2.28	3.81	4.62	-	-	17.54	5.43
7	7	7	7	12	12	-	-	2.35	2.35	2.35	2.35	3.92	3.92	-	-	17.23	5.23
7	7	7	7	9	24	-	-	2.12	2.12	2.12	2.12	2.67	7.06	-	-	18.19	5.98
7	7	7	7	9	18	-	-	2.28	2.28	2.28	2.28	2.87	5.63	-	-	17.60	5.56
7	7	7	7	9	14	-	-	2.35	2.35	2.35	2.35	2.96	4.76	-	-	17.11	5.16
7	7	7	7	9	12	-	-	2.36	2.36	2.36	2.36	2.98	3.95	-	-	16.38	5.08
7	7	7	7	9	9	-	-	2.37	2.37	2.37	2.37	2.99	2.99	-	-	15.46	4.75
7	7	7	7	7	24	-	-	2.14	2.14	2.14	2.14	2.14	7.16	-	-	17.88	5.98
7	7	7	7	7	18	-	-	2.30	2.30	2.30	2.30	2.30	5.68	-	-	17.18	5.32
7	7	7	7	7	14	-	-	2.36	2.36	2.36	2.36	2.36	4.78	-	-	16.57	5.08
7	7	7	7	7	12	-	-	2.37	2.37	2.37	2.37	2.37	3.96	-	-	15.81	4.91
7	7	7	7	7	9	-	-	2.37	2.37	2.37	2.37	2.37	2.99	-	-	14.84	4.46
7	7	7	7	7	7	-	-	2.37	2.37	2.37	2.37	2.37	2.37	-	-	14.22	4.21

7 Room

C1	C2	C3	C4	C5	C6	C7	C8	R1	R2	R3	R4	R5	R6	R7	R8	Total	Input
7	9	9	9	9	9	9	-	2.12	2.67	2.67	2.67	2.67	2.67	2.67	-	18.16	5.98
7	7	9	9	9	9	12	-	2.10	2.10	2.65	2.65	2.65	2.65	3.51	-	18.33	5.98
7	7	9	9	9	9	9	-	2.15	2.15	2.71	2.71	2.71	2.71	2.71	-	17.85	5.98
7	7	7	9	9	9	14	-	2.09	2.09	2.09	2.63	2.63	2.63	4.23	-	18.40	5.98
7	7	7	9	9	9	12	-	2.13	2.13	2.13	2.69	2.69	2.69	3.56	-	18.02	5.98
7	7	7	9	9	9	9	-	2.25	2.25	2.25	2.84	2.84	2.84	2.84	-	18.11	5.87
7	7	7	7	9	9	14	-	2.11	2.11	2.11	2.11	2.67	2.67	4.30	-	18.13	5.98
7	7	7	7	9	9	12	-	2.16	2.16	2.16	2.16	2.73	2.73	3.61	-	17.71	5.98
7	7	7	7	9	9	9	-	2.27	2.27	2.27	2.27	2.87	2.87	2.87	-	17.68	5.56
7	7	7	7	7	12	14	-	2.10	2.10	2.10	2.10	2.10	3.52	4.26	-	18.31	5.98
7	7	7	7	7	12	12	-	2.14	2.14	2.14	2.14	2.14	3.58	3.58	-	17.89	5.98
7	7	7	7	7	9	18	-	2.10	2.10	2.10	2.10	2.10	2.65	5.19	-	18.35	5.98
7	7	7	7	7	9	14	-	2.15	2.15	2.15	2.15	2.15	2.71	4.36	-	17.82	5.98
7	7	7	7	7	9	12	-	2.26	2.26	2.26	2.26	2.26	2.85	3.78	-	17.93	5.70
7	7	7	7	7	9	9	-	2.29	2.29	2.29	2.29	2.29	2.89	2.89	-	17.26	5.32
7	7	7	7	7	7	18	-	2.13	2.13	2.13	2.13	2.13	2.13	5.26	-	18.04	5.98
7	7	7	7	7	7	14	-	2.25	2.25	2.25	2.25	2.25	2.25	4.56	-	18.08	5.70
7	7	7	7	7	7	12	-	2.28	2.28	2.28	2.28	2.28	2.28	3.81	-	17.50	5.43
7	7	7	7	7	7	9	-	2.35	2.35	2.35	2.35	2.35	2.35	2.96	-	17.06	5.16
7	7	7	7	7	7	7	-	2.36	2.36	2.36	2.36	2.36	2.36	2.36	-	16.52	5.08

8 Room

C1	C2	C3	C4	C5	C6	C7	C8	R1	R2	R3	R4	R5	R6	R7	R8	Total	Input
7	7	7	7	7	9	9	9	2.09	2.09	2.09	2.09	2.09	2.64	2.64	2.64	18.40	5.98
7	7	7	7	7	7	9	9	2.12	2.12	2.12	2.12	2.12	2.12	2.68	2.68	18.10	5.98
7	7	7	7	7	7	7	12	2.11	2.11	2.11	2.11	2.11	2.11	2.11	3.52	18.28	5.98
7	7	7	7	7	7	7	9	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.72	17.79	5.98
7	7	7	7	7	7	7	7	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	18.04	5.70

Note: • Heating capacity is based on 20°CDB(indoor temperature),7°CDB/6°CWB(outdoor temperature)
  • Pipe Length: 5m (Outdoor unit to Branch box), 3m (Branch box to Indoor unit)
  • Height difference: 0m (Outdoor unit to Indoor unit)
  • The values in this table should be used only as a guide. These values are calculated at standard conditions.
   When you select models finally, select them according to "Model Selection" in the D&T manual

Connection Units

Branch Box

UTP-PY03A

3 zones type

UTP-PY02A

2 zones type

Separation tube

UTP-SX248A

Liquid pipe   Gas pipe

Controllers

Central Remote Controller
UTY-DMMYM

Wired Remote Controller
UTY-RVNYM

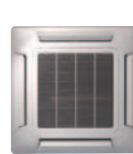**Wired Remote Controller**
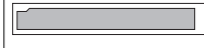UTY-RNNYM

Simple Remote Controller
UTY-RSNYM

IR Receiver Kit
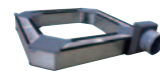UTY-LRHYM

Others

Cassette Grille
UTG-UFYD-W

Air Outlet Shutter Plate
UTR-YDZB

Shuts the air outlet when only using as 3 blow out.

Fresh Air Intake Kit
UTZ-VXAA

Insulation Kit for High Humidity
UTZ-KXGC

Insulation Kit
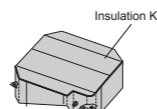
Half Concealed Kit
UTR-STA

This kit is used to half conceal floor type indoor unit into the wall.
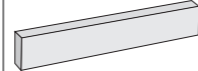
Auto Louver Grille Kit
UTD-GXSA-W
(For 07/09/12/14 type)
UTD-GXSB-W
(For 18 type)

External Connect Kit
UTY-XWZX
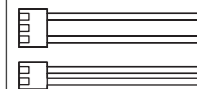
External Connect Kit
UTY-XWZXZ5
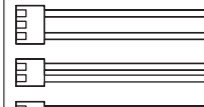
Communication Kit
UTY-XCBXZ1
UTY-XCBXZ2
UTY-TWBXF
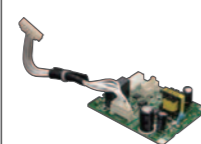
External Control Set:
UTD-ECS5A
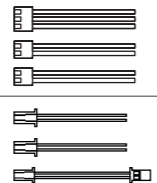
External connect kit (For Outdoor Unit)
UTY-XWZXZ3
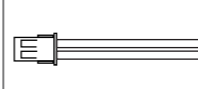
External connect kit (For Base heater)
UTY-XWZXZ4
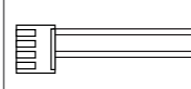
Remote Sensor Unit
UTY-XSZX
New amenity space can be offered by installing the Remote sensor.

Optional Parts List

Type			Wall Mounted			Floor	Floor / Ceiling	Compact Cassette	Slim Duct	
			Compact		Large					
			ASYG07LUCA ASYG09LUCA ASYG12LUCA ASYG14LUCA	ASYG07LMCA ASYG09LMCA ASYG12LMCA ASYG14LMCA	ASYG07LJCA ASYG09LJCA ASYG12LJCA	ASYG18LFCA ASYG24LFCC	AGYG09LVCA AGYG12LVCA AGYG14LVCA	ABYG14LVTA ABYG18LVTB	AUYG07LVLA AUYG09LVLA AUYG12LVLB AUYG14LVLB AUYG18LVLB	ARYG07LLTA ARYG09LLTA ARYG12LLTB ARYG14LLTB	ARYG18LLTB
Controllers	Wired Remote Controller		UTY-RVNYM				UTY-RVNYM	UTY-RVNYM	UTY-RVNYM	UTY-RVNYM	
	Wired Remote Controller		UTY-RNNYM				UTY-RNNYM	UTY-RNNYM	UTY-RNNYM	UTY-RNNYM	
	Simple Remote Controller		UTY-RSNYM				UTY-RSNYM	UTY-RSNYM	UTY-RSNYM	UTY-RSNYM	
	Central Remote Controller		UTY-DMMYM				UTY-DMMYM	UTY-DMMYM	UTY-DMMYM	UTY-DMMYM	
Others	IR Receiver Kit with Wireless Remote Controller									UTY-LRHYM	
	Communication Kit	For Compact Wall Mounted	UTY-TWBXF	UTY-XCBXZ2	UTY-XCBXZ1						
	External Connect Kit	For Indoor Unit *Duct type is excluded.	UTY-XWZX5		UTY-XWZX	UTY-XWZX	UTY-XWZX	UTY-XWZX			
	External Control Set	For Indoor Unit Use to connect with various peripheral devices and air conditioner PC board.							UTD-ECS5A	UTD-ECS5A	
	Remote Sensor Unit	New amenity space can be offered by installing the Remote sensor.								UTY-XSZX	
	Auto Louver Grille Kit									UTD-GXSA-W	UTD-GXSB-W
	Fresh Air Intake Kit								UTZ-VXAA		
	Air Outlet Shutter Plate								UTR-YDZB		
	Insulation for High Humidity								UTZ-KXGC		
	Half Concealed kit	This kit is used to half conceal floor type indoor unit into the wall.					UTR-STA				

Max. controllable
16
Indoor units

Hi-grade individual control using various functions.

- 3.7-inch LCD backlight screen.
- Supporting various Energy Saving functions with simple operation.
- Multiple Language Support.
  (English, German, French, Spanish, Russian, Portuguese, Italian, Greek, and Turkish)

UTY-RVNYM

High performance and compact size

•In addition to the individual control, various energy saving controls can be realized using only one remote controller.

Individual control + Thermo sensor + Weekly timer + Auto off timer →

Various energy saving function

Auto OFF Timer

- The indoor unit automatically is turned off when it reaches the preset operating time frame.
- The time frame of the "Auto off timer" can be flexibly scheduled.
- Can be set off time 30 ~ 240 minutes

Weekly Timer function

- Can be set up to 8 times per day (On/Off, mode,Temp)
- 2 pattern settings(i.e. Summer/Winter setting) are available.

Weekly 1

Setting menu in remote controller

Weekly 2

Setting menu in remote controller
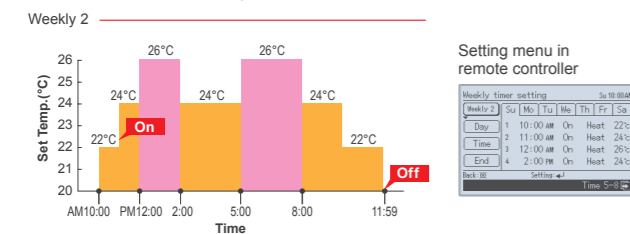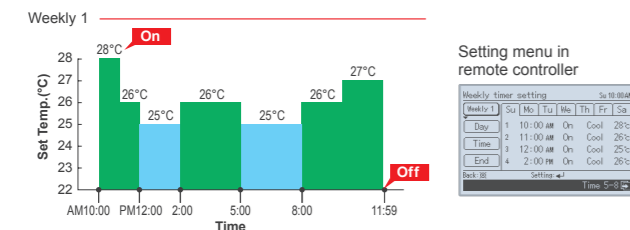
User friendly view and Easy operation

- Icon display of effectual functions.
- Main functions in large icons: "Mode", "Set Temp", and "Fan".
- Easy to operate by Control guide display.
- Simple operation with easy 4-way navigation pad.

Icon display (weekly time)
Set temperature
Control guide display
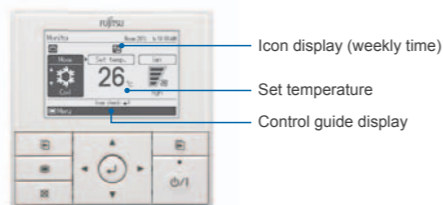
Set Temperature Auto Return

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

Cooling operation
Setting temp.
Set temperature change | Auto return
24°C
22°C
Settable time range 30 to 120 minutes
AM11:40 | PM1:40 Time

Heating operation
Setting temp.
Set temperature change | Auto return
25°C
23°C
Settable time range 30 to 120 minutes
AM11:40 | PM1:40 Time
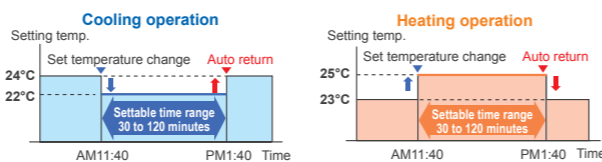
Set Temperature Upper and Lower Limit Setting

- The set temperature range can be set for each operation mode. (Cooling / Heating / Auto)
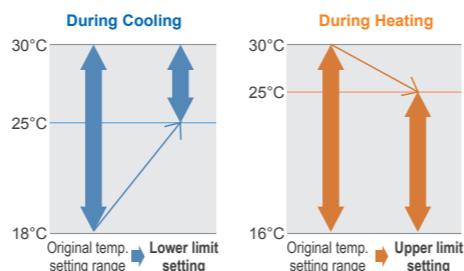
During Cooling
30°C
25°C
18°C
Original temp. setting range | Lower limit setting

During Heating
30°C
25°C
16°C
Original temp. setting range | Upper limit setting

■ Specifications

Model No.		UTY-RVNYM
Power supply		DC 12V
Dimension (H × W × D) (mm)	mm	120 × 120 × 21.3
Weight	g	220

* DC12V is supplied by indoor unit.

Simple flat Auto Louver will provide comfort airflow and harmonize with luxury interior.

Closed louver　　　　Opened louver

UTD-GXSA-W
UTD-GXSB-W

Flexible Control

Auto Louver Grille
Duct type
Wired Remote Controller
Wireles Remote Controller (Option)
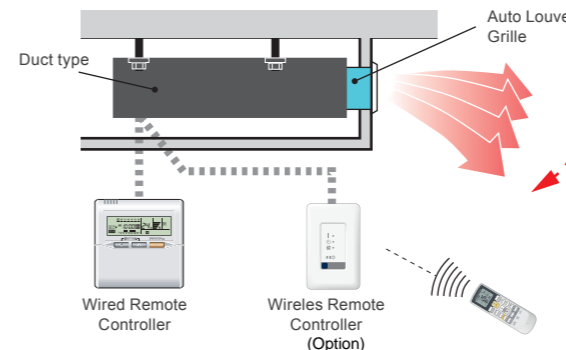
Operation with indoor unit
Auto Louver can be operated by synchronizing remote controller of indoor unit.

UP and Down auto swing
Auto airflow direction and auto swing 4 steps selectable

Auto-closing louver
When operation of indoor unit is stopped, the louver will automatically close.

Ideal warm airflow

Tempe-rature(°C)
40
30
20
2m

Without Auto Louver

[Condition]
Model (Indoor unit): ARYG12LLTB
Outdoor temperature: 2°C
Operation contents: Heating
Set temperature: 30°C
Air flow: Hi

Tempe-rature(°C)
40
30
20
2m

With Auto Louver

[Condition]
Model (Indoor unit): ARYG12LLTB
Model (Auto louver grille): UTD-GXSA-W
Outdoor temperature: 2°C
Operation contents: Heating
Set temperature: 30°C
Air flow: Hi
Vertical flap: Downward

■ Specifications

Model No.			UTD-GXSA-W	UTD-GXSB-W
Applicable Indoor Unit			ARYG07/09LLTA ARYG12/14LLTB	ARYG18LLTB
Power Supply			Connecting with Control box of indoor unit	
Fixing of Auto Louver Grille			Screw fixing to Flange or Square Duct	
Extension Square Duct Limit			1.0m (Max. duct length between indoor unit and Grille)	
Net Dimension (H x W x D)		mm	180x683x(84+9)	180x883x(84+9)
Weight	Net	kg (lb.)	2.0 (4.4)	2.5 (5.6)
	Gross		3.0 (6.7)	3.5 (7.8)
Color			White	
Louver Motor			Stepping Motor	
Accessories			Fitting Flame, etc.	
Operation range	Cooling	°C	18 to 32	
		% RH	80% or less	
	Heating	°C	16 to 30	

Comfortable function

Up / down swing flaps
The up/down flaps automatically swing up and down.

Auto restart
In the event of a temporary power failure, the air conditioner will automatically restart in the same operating mode as before, once the power supply is restored.

Connectable fresh air duct

Double swing automatic
Complex swing action of flaps enables automatically to swing both horizontal and vertical directions.

Auto-changeover
The unit automatically switches between heating and cooling modes based on your temperature setting and the room temperature.

Fresh air intake
Fresh air can be taken in by a fan which can be connected using external control unit.

Automatic air flow adjustment
The micro-computer automatically adjusts the air flow effectively to follow the changes of room temperature.

10°C HEAT operation
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.

Economy mode
Limits the maximum operation current, and performs operation with the power consumption suppressed.

Powerful mode
Operation at maximum air flow and compressor speed, and quickly makes the room comfortable.

Convenient function

Sleep timer
The micro-computer gradually changes the room temperature automatically to afford a comfortable night's sleep.

Program timer
This digital timer allows selection of one of four options:
ON, OFF, ON →OFF or OFF → ON.

Weekly timer
Different on-off times can be set for each day.

Weekly + setback timer
Weekly + Setback timer can set temperature for two times spans and for each day of the week.

Filter sign
Indicates the filter cleaning period by lamp.
To enable Filter sign, it has to be selected on the function setting.

Clean function

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.

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.

Washable panel

		Compact Wall Mounted			Wall Mounted	Floor	Floor/Ceiling	Compact Cassette / Cassette	Slim Duct
		ASYG 07/09/12/14LUCA	ASYG 07/09/12/14LM	ASYG 07/09/12LJ	ASYG 18/24LF	AGYG 09/12/14LV	ABYG 14/18LV	AUYG 07/09/12/14/18LV	ARYG 07/09/12/14/18LL
Comfortable function	Up / down swing flaps	●	●	●		●		●	○
	Double swing automatic						●	●	
	Automatic air flow adjustment	●	●	●	●	●	●	●	●
	Auto restart	●	●	●	●	●	●	●	●
	Auto-changeover	●	●	●	●	●	●	●	●
	10°C heat operation	●	●	●	●	●	●	●	○
	Connectable fresh air duct							○	○
	Fresh air intake							○	○
	Economy mode	●	●	●	●	●	●	●	●
	Powerful mode	●	●						
Convenient function	Sleep timer	●	●	●	●	●	●	●	○
	Program timer	●	●	●	●	●	●	●	○
	Weekly timer	●							
	Weekly + setback timer	○	○	○	○	○	○	○	●
	Filter sign	●	●	●	●	●	●	●	●
Clean function	Long-life ion deodorization filter	●	●	●	●	●			
	Apple-catechin filter	●	●	●	●	●			
	Washable panel		●	●	●	●			

○: Optional function