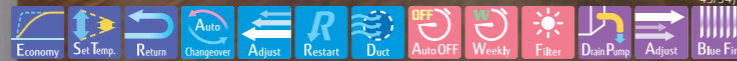
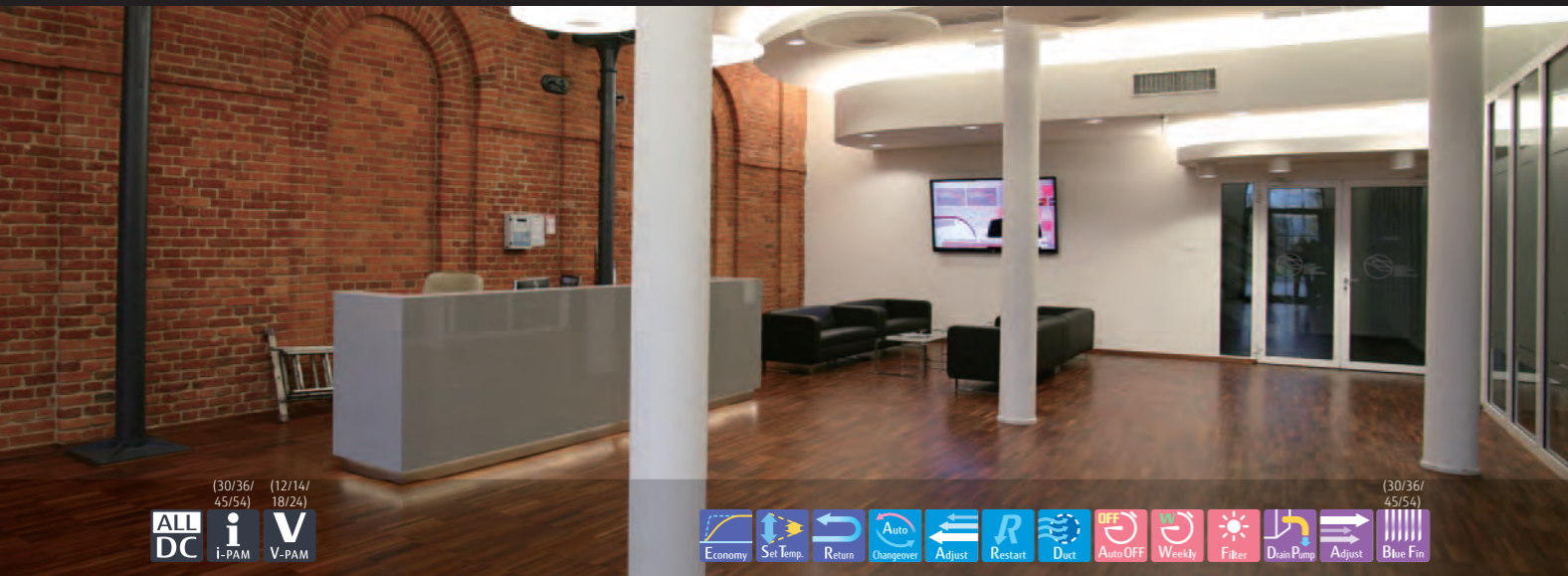


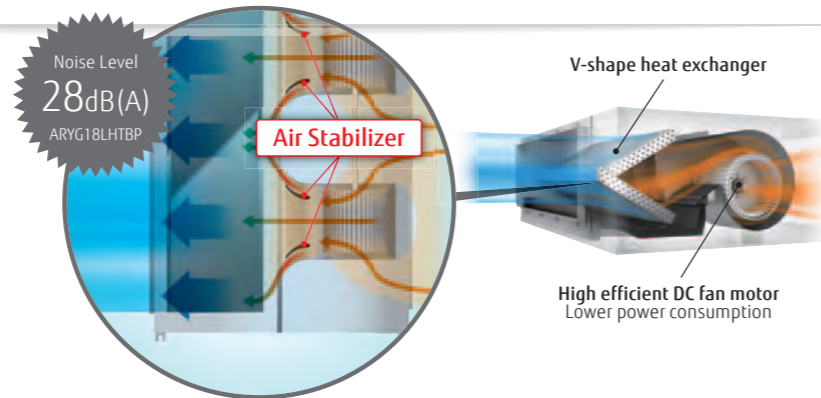
**NEW** Medium Static Pressure Duct Compact & Comfort



**Features**

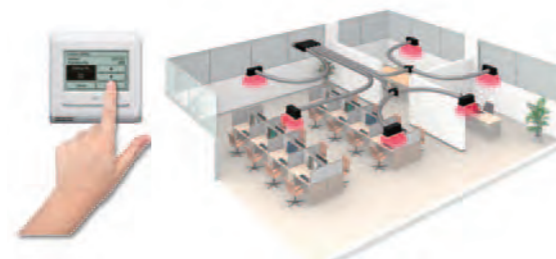
**High Efficiency & Quiet operation**

The combination of the V-shaped heat exchanger, air stabilizer, and the high efficient DC fan motor allowed high efficiency and quiet operation despite of the small structural design.



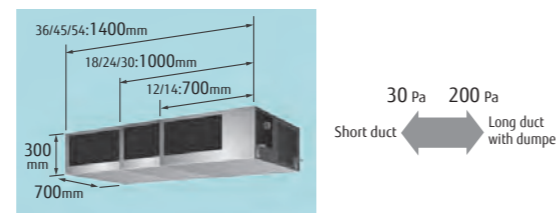
**Automatic Airflow adjustment function**

This unique and innovative function detects required air flow in each application case and automatically adjust the volume.



**Improved installation flexibility**

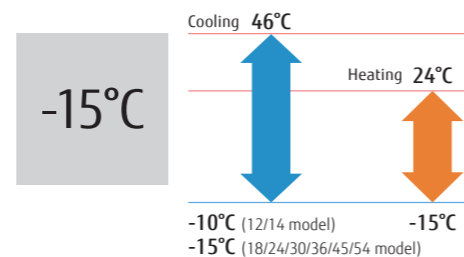
- Capable to be installed in various applications that requires static pressure of 30Pa to 200 Pa
- Built-in drain pump, rises drain up to 850 mm
- Unified depth throughout the range enables the selection of the capacity regardless of the additional space.



**Improved service and maintenance**

- Drain pump is easily detachable from the side
- Easy access to electrical box
- Error code can be checked more in detail from error history

**Low ambient operation**



**Model: ARYG12LHTBP / ARYG14LHTBP / ARYG18LHTBP / ARYG24LHTBP / ARYG30LHTBP / ARYG36LHTBP / ARYG45LHTBP / ARYG54LHTBP**



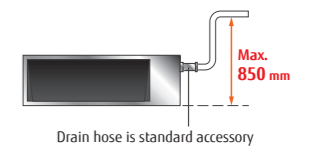
**Specifications**

| Model No.                               | Indoor unit                     |                  | ARYG12LHTBP    | ARYG14LHTBP    | ARYG18LHTBP    | ARYG24LHTBP    | ARYG30LHTBP     | ARYG36LHTBP     | ARYG45LHTBP     | ARYG54LHTBP     |
|---|---------------------------------|------------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|
|   | Outdoor unit                    |                  | AOYG12LBLA     | AOYG14LBLA     | AOYG18LBCA     | AOYG24LBCA     | AOYG30LBTA      | AOYG36LBTA      | AOYG45LBTB      | AOYG54LBTA      |
| Power Source                            | Single-phase, ~230V, 50Hz       |                  |                |                |                |                |                 |                 |                 |                 |
| Capacity                                | Cooling                         | kW               | 3.5 (0.9-4.4)  | 4.3 (0.9-5.4)  | 5.2 (0.9-6.5)  | 6.8 (0.9-8.0)  | 8.5 (2.8-10.0)  | 9.4 (2.8-11.2)  | 12.1 (4.0-14.0) | 13.4 (4.5-14.5) |
|   | Heating                         | kW               | 4.1 (0.9-5.7)  | 5.0 (0.9-6.5)  | 6.0 (0.9-8.0)  | 8.0 (0.9-9.1)  | 10.0 (2.7-11.2) | 11.2 (2.7-12.7) | 13.3 (4.2-16.2) | 16.0 (4.7-16.5) |
| Input Power                             | Cooling/Heating                 | kW               | 0.90/1.00      | 1.18/1.25      | 1.37/1.48      | 1.95/2.21      | 2.65/2.70       | 2.83/3.07       | 3.59/3.44       | 4.42/4.62       |
|   | Cooling                         | W/W              | 3.89           | 3.64           | 3.80           | 3.49           | 3.21            | 3.32            | 3.37            | 3.03            |
| EER                                     | Cooling                         | W/W              | 4.10           | 4.00           | 4.05           | 3.62           | 3.70            | 3.65            | 3.87            | 3.46            |
|   | Heating                         | W/W              | 4.10           | 4.00           | 4.05           | 3.62           | 3.70            | 3.65            | 3.87            | 3.46            |
| Pdesign                                 | Cooling/Heating (-10°C)         | kW               | 3.5/4.2        | 4.3/4.5        | 5.2/4.3        | 6.8/6.0        | 8.5/8.0         | 9.4/8.7         | -               | -               |
|   | Cooling                         | W/W              | 6.20           | 6.10           | 7.15           | 6.50           | 5.95            | 5.81            | -               | -               |
| SEER                                    | Cooling                         | W/W              | 4.10           | 4.00           | 4.11           | 4.01           | 3.95            | 3.81            | -               | -               |
|   | Heating (Average)               | W/W              | 4.10           | 4.00           | 4.11           | 4.01           | 3.95            | 3.81            | -               | -               |
| Energy Efficiency Class                 | Cooling                         | A                | A+             | A+             | A+             | A+             | A+              | A+              | -               | -               |
|   | Heating (Average)               | A                | A+             | A+             | A+             | A+             | A               | A               | -               | -               |
| Max. Operating Current                  | Cooling/Heating                 | A                | 7.5/10.0       | 9.0/12.5       | 10.0/13.5      | 13.5/18.5      | 17.0/17.0       | 20.0/20.0       | 22.5/22.5       | 23.5/23.5       |
|   | Cooling                         | kWh/a            | *              | *              | 255            | 366            | 500             | 566             | *               | *               |
| Annual Energy Consumption               | Cooling                         | kWh/a            | *              | *              | 1462           | 2092           | 2833            | 3194            | *               | *               |
|   | Heating                         | kWh/a            | *              | *              | 1.2            | 1.8            | 2.3             | 2.0             | 2.6             | 3.7             |
| Moisture Removal                        | Cooling                         | l/h              | *              | *              | 1.2            | 1.8            | 2.3             | 2.0             | 2.6             | 3.7             |
|   | Heating                         | l/h              | *              | *              | 1.2            | 1.8            | 2.3             | 2.0             | 2.6             | 3.7             |
| Sound Pressure Level                    | Indoor (Cooling)                | H/M/L/Q          | 32/27/26/24    | 33/28/27/25    | 28/25/22/20    | 32/28/24/21    | 36/33/30/29     | 36/31/28/26     | 39/35/31/29     | 39/35/31/29     |
|   | Indoor (Heating)                | H/M/L/Q          | 32/27/26/24    | 33/28/27/25    | 28/25/22/20    | 32/28/24/21    | 36/33/30/29     | 33/31/28/26     | 39/35/31/29     | 39/35/31/29     |
|   | Outdoor (Cooling/Heating)       | High             | 47/48          | 49/49          | 50/51          | 55/56          | 53/55           | 54/55           | 55/55           | 55/57           |
| Sound Power Level                       | Indoor (Cooling/Heating)        | High             | *              | *              | 54/54          | 57/57          | 63/65           | 64/63           | 67/69           | 67/69           |
|   | Outdoor (Cooling/Heating)       | High             | 60/61          | 64/63          | 63/62          | 68/68          | 68/69           | 69/70           | 68/68           | 69/71           |
|   | Airflow Rate (High)             | Indoor / Outdoor | m³/h           | 850/1780       | 950/1910       | 1050/1900      | 1360/2460       | 1700/3600       | 2050/3800       | 2550/6750       |
| Static pressure range (Standard)        | Indoor                          | Pa               | 30 to 200 (35) | 30 to 200 (35) | 30 to 200 (35) | 30 to 200 (35) | 30 to 200 (47)  | 30 to 200 (47)  | 30 to 200 (60)  | 30 to 200 (60)  |
|   | Outdoor                         | Pa               | 300~700~700    | 300~700~700    | 300~1000~700   | 300~1000~700   | 300~1000~700    | 300~1400~700    | 300~1400~700    | 300~1400~700    |
| Net Dimensions H x W x D                | Indoor                          | mm               | 27 (59)        | 27 (59)        | 36 (79)        | 36 (79)        | 36 (79)         | 46 (101)        | 46 (101)        | 46 (101)        |
|   |                                 | kg(lbs)          | 27 (59)        | 27 (59)        | 36 (79)        | 36 (79)        | 46 (101)        | 46 (101)        | 46 (101)        | 46 (101)        |
|   |                                 | mm               | 578~790~300    | 578~790~300    | 620~790~290    | 620~790~290    | 830~900~330     | 830~900~330     | 1290~900~330    | 1290~900~330    |
| Outdoor                                 | mm                              | 40 (88)          | 40 (88)        | 41 (90)        | 41 (90)        | 61 (134)       | 61 (134)        | 86 (189)        | 86 (189)        |                 |
|   | kg(lbs)                         | 40 (88)          | 40 (88)        | 41 (90)        | 41 (90)        | 61 (134)       | 61 (134)        | 86 (189)        | 86 (189)        |                 |
|   | mm                              | 6.35/9.52        | 6.35/12.70     | 6.35/12.70     | 6.35/15.88     | 9.52/15.88     | 9.52/15.88      | 9.52/15.88      | 9.52/15.88      |                 |
| Connection Pipe Diameter (Liquid / Gas) | mm                              | 25/32            | 25/32          | 25/32          | 25/32          | 25/32          | 25/32           | 25/32           | 25/32           |                 |
|   | mm                              | 25/32            | 25/32          | 25/32          | 25/32          | 25/32          | 25/32           | 25/32           | 25/32           |                 |
| Drain hose Diameter (I.D./O.D.)         | mm                              | 25 (15)          | 25 (15)        | 30 (15)        | 30 (15)        | 50 (20)        | 50 (20)         | 50 (20)         | 50 (20)         |                 |
|   | m                               | 15               | 15             | 20             | 20             | 30             | 30              | 30              | 30              |                 |
| Max Height Difference                   | Cooling                         | °CDB             | -10 to 46      | -10 to 46      | -15 to 46      | -15 to 46      | -15 to 46       | -15 to 46       | -15 to 46       |                 |
|   | Heating                         | °CDB             | -15 to 24      | -15 to 24      | -15 to 24      | -15 to 24      | -15 to 24       | -15 to 24       | -15 to 24       |                 |
| Refrigerant                             | Type (Global Warming Potential) | g                | R410A (2,088)  | R410A (2,088)  | R410A (2,088)  | R410A (2,088)  | R410A (2,088)   | R410A (2,088)   | R410A (2,088)   |                 |
|   | Charge                          | g                | 1,150          | 1,250          | 1,800          | 1,800          | 2,100           | 2,100           | 3,350           |                 |

\*That specification is not fixed yet.

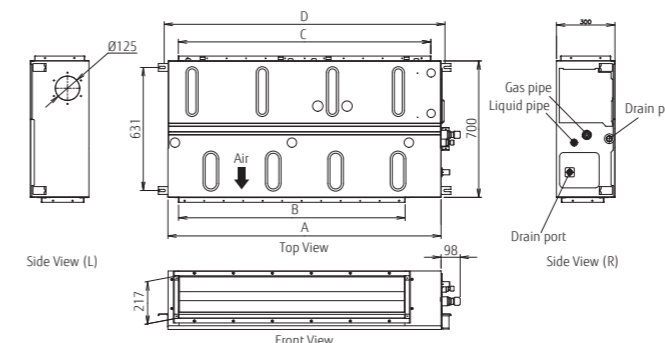
**Optional parts**

- Wired Remote Controller: UTY-RNRYZ1, UTY-RVNYM, UTY-RNNYM, UTY-RLRY Long life filter: UTD-LFNA (for ARYG36/45/54LHTBP)
- Simple Remote Controller: UTY-RSNYM UTD-LFNB (for ARYG24/30LHTBP)
- IR Receiver Unit: UTY-LBTYM UTD-LFNC (for ARYG12/14LHTBP)
- External input and output PCB (with bracket): UTY-XCSX + UTZ-GXNA Remote Sensor Unit: UTY-XSZX
- External connect kit: UTY-XWZXZG, UTY-XWZXZ3



**Dimensions**

(Unit : mm)



|   | ARYG12/14LHTBP | ARYG18/24/30LHTBP | ARYG36/45/54LHTBP |
|---|----------------|-------------------|-------------------|
| A | 700            | 1,000             | 1,400             |
| B | 462            | 762               | 1,162             |
| C | 650            | 895               | 1,295             |
| D | 740            | 1,040             | 1,440             |