

Notice for specifications

I.U. = Indoor Unit O.U. = Outdoor Unit Qu = Quiet * = Not decided yet

- Specifications and design are subject to change without notice for future improvement.
- For further details, please check with our authorised dealer.
- Cooling/Heating capacities are based on the following conditions.

| | | | |
|---------|---|---------|---|
| Cooling | Indoor temp. : 27°C DB/19°C WB Outdoor temp. : 35°C DB/24°C WB | Heating | Indoor temp. : 20°C DB Outdoor temp. : 7°C DB/6°C WB |
|---------|---|---------|---|

- Performance test is in accordance with EN14511
- Seasonal efficiency test is in accordance with EN14825
- Sound power test is in accordance with EN12102



Fujitsu General (Thailand) Co., Ltd.



ISO 9001 Certified number: 01 100 076229
ISO 14001 Certified number: 01 104 9245

Fujitsu General (Shanghai) Co., Ltd.



ISO 9001 Certified number: 01 100 79269
ISO 14001 Certified number: CNBS12244-UK

Fujitsu General Central Air-conditioner (Wuxi) Co., Ltd.



ISO 9001 Certified number: 1591702073RSM
ISO 14001 Certified number: 15915E1002SRM

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Trụ sở tại Thành Phố Hồ Chí Minh

129 Điện Biên Phủ, Phường 15, Quận Bình Thạnh, TP. Hồ Chí Minh
Điện thoại: (028) 3535 6639 Hotline: 1800 8239 / 1800 55 68 60

Website: www.general-gav.vn

VPDD tại Đà Nẵng

775 Trường Chinh, Quận Cẩm Lệ, TP. Đà Nẵng
TTBH: 0911 986 896

VPDD tại Hà Nội

Tòa nhà Âu Việt, số 1A đường Lê Đức Thọ, Phường Mai Dịch,
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PRODUCT CATALOGUE

AIR CONDITIONES LINEUP

PAC

FUJITSU GENERAL LIMITED

NEW

Compact Cassette

Compact 4-way Flow Series

Compact Size



Compact and stylish panel design

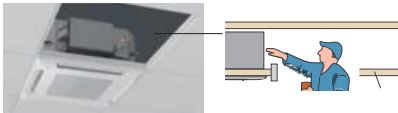
The compact and stylish panel fits nicely into a grid-type ceiling. Its linear design is a perfect fit into a grid of 620 mm x 620 mm in the ceiling.



Easy maintenance

You can access the unit for maintenance simply by removing a ceiling panel next to the grille. As no inspection hole needs to be cut through the ceiling, no additional construction cost is incurred.

The air inlet grille can be installed to open in any direction for easy maintenance.



Flexible installation

The unit fits nicely into the decor of a grid-type ceiling and can be installed near the lighting or a ventilation opening.



Model: AUXG18KVLA / AUXG24KVLA



Specifications

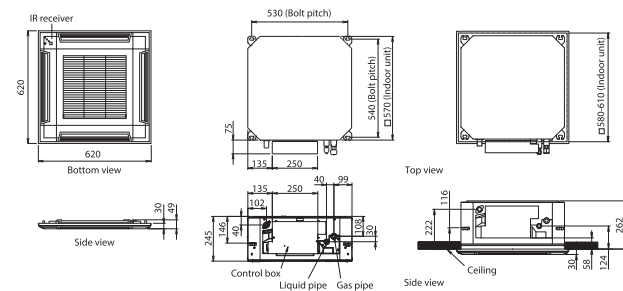
| Model name | Indoor unit | | AUXG18KVLA | AUXG24KVLA |
|------------------------------------|--|-------------------|----------------------------|----------------------------|
| | Outdoor unit | | AUYG18KATA | AUYG24KATA |
| Power Source | V/Ø/Hz | | 230/1/50 | 230/1/50 |
| | Cooling (Min.-Max.) | kW | 5.2 (0.9-5.4) | 6.8 (0.9-7.4) |
| Capacity | Cooling | Btu/h | 17,700 (3,100-18,400) | 23,200 (3,100-25,200) |
| | Heating (Min.-Max.) | kW | 6.0 (0.9-6.3) | 7.5 (0.9-8.6) |
| | Heating | Btu/h | 20,500 (3,100-21,400) | 25,600 (3,100-29,300) |
| Input Power | Cooling/Heating | kW | 1.69/1.72 | 2.26/2.08 |
| | EER | | 3.08 | 3.01 |
| COP | Cooling | W/W | 3.49 | 3.61 |
| | Heating | | 3.49 | 3.61 |
| Running Current | Cooling/Heating | A | 7.8 / 7.9 | 10.0 / 9.1 |
| Moisture Removal | l/h | | 2.2 | 2.7 |
| | Sound Pressure Level (Cooling/Heating) | Indoor (High) | 38(A) | 49(A) |
| | | Outdoor | 51/52 | 54/55 |
| Airflow Rate (Cooling/Heating) | Indoor (High) | m ³ /h | 680 / 800 | 930 / 930 |
| | Outdoor | | 1,710 / 1,840 | 2,885 / 2,350 |
| Net Dimensions | Indoor / grille | mm | 245 × 570 / 49 × 620 × 620 | 245 × 570 / 50 × 620 × 620 |
| | H × W × D | kg (lbs) | 15 (33) / 2.3 (5) | 16 (35) / 2.3 (5) |
| Weight | Indoor | mm | 542 × 799 × 290 | 632 × 799 × 290 |
| | Outdoor | kg (lbs) | 33 (73) | 38 (84) |
| Piping Connections (Small / Large) | mm | 6.35/12.70 | 6.35/12.70 | |
| Drain port Diameter (I.D./O.D.) | | 25/32 | 25/32 | |
| Max. Pipe Length (Pre-Charge) | m | 20 (15) | 25 (20) | |
| Max. Height Difference | | 15 | 20 | |
| Operating Range | Cooling | °CDB | -10 to 46 | -10 to 46 |
| | Heating | | -15 to 24 | -15 to 24 |
| Refrigerant | | R32 | R32 | |
| | | 0.9 (0.608) | 1.25 (0.844) | |
| Cassette Grille | Model name | | UTG-UFYF-W | UTG-UFYF-W |

Optional parts

| | | |
|--|--------------------------------------|--|
| Compact wired remote controller: UTY-RCRYZ1 | Wireless remote controller: UTY-LNTY | Network Converter for single split (DC power supply type): UTY-VTGC |
| Wired remote controller (touch panel): UTY-RNRYZ5 | External switch controller: UTY-TERX | Network Converter for single split (AC power supply type): UTY-VTGXV |
| Wired remote controller: UTY-RLRY | Air Outlet Shutter Plate: UTR-YDZB | Insulation kit for high humidity: UTY-KXGC |
| UTY-RNNYM | External connect kit: UTY-XWZXZG | External input and output PCB: UTY-KXCS |
| UTY-RVNYM | Cassette Grille: UTG-UFYF-W | External input and output PCB box: UTY-GXRA |
| UTY-RVNYM | Fresh air intake kit: UTY-VZKAA | WLAN adapter: UTY-IFSKXZ |
| Simple remote controller (without operation model): UTY-RRYR | MODBUS converter: UTY-VMSX | |
| Simple remote controller: UTY-RSRY | KNX Converter: UTY-VKSK | |
| UTY-RSNYM | | |

Dimensions

(Unit: mm)

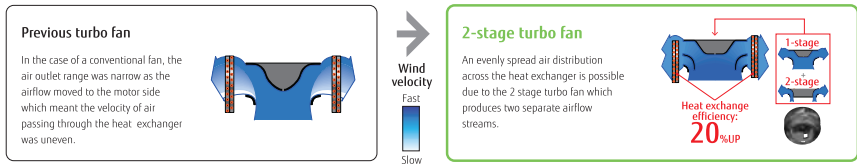


Compact Cassette



2-stage turbo fan

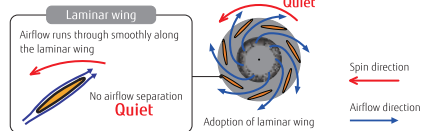
High efficiency design by 2 stage structure



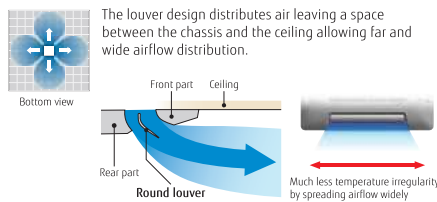
Quiet quality

Optimized wing form (laminar wing type) and wing number (7 blades each)

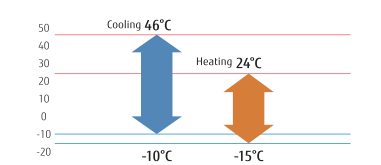
Designed by CFD-analysis (fluid) simulations



Improvement of the airflow distribution



Wide operation range



Model : AUYG18VLVB / AUYG24LVLA



Wireless R.C.



AUYG18LBCB

AUYG24LBCB

Specifications

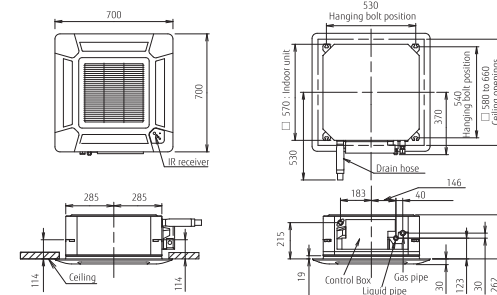
| Model No. | Indoor unit | | AUYG18VLVB | AUYG24LVLA |
|--|---------------------|-------------------|----------------------------------|----------------------------------|
| | Outdoor unit | | AUYG18LBCB | AUYG24LBCB |
| Power Source | V/Hz | | 230/150 | 230/150 |
| | kW | | 5.20(0.9-5.9) | 6.80(0.9-8.0) |
| Capacity | Cooling (Min.-Max.) | Btu/h | 17,700(3,100-20,100) | 23,200(3,100-27,300) |
| | kW | | 6.00(0.9-7.5) | 8.00(0.9-9.1) |
| Input Power | Cooling/Heating | Btu/h | 20,500(3,100-25,600) | 27,300(3,100-31,000) |
| | kW | | 1.62/1.66 | 2.2/2.26 |
| EER | Cooling | | 3.21 | 3.08 |
| COP | Heating | | 3.61 | 3.54 |
| Running Current | Cooling/Heating | A | 11.5-13.5 | 14.7-15.7 |
| Moisture Removal | | l/h | 2.2 | 2.7 |
| Sound Pressure Level (Cooling/Heating) | Indoor (High) | dB(A) | 38/43 | 49/49 |
| | Outdoor | | 50/50 | 53/54 |
| Airflow Rate (Cooling/Heating) | Indoor (High) | m ³ /h | 680/800 | 930/930 |
| | Outdoor | | 2,380/2,080 | 2,850/2,700 |
| Net Dimensions H x W x D | Indoor / grille | mm | 245 x 570 x 570 / 49 x 700 x 700 | 245 x 570 x 570 / 49 x 700 x 700 |
| | | kg(lbs) | 15.0 (33) / 2.6 (6) | 16.0 (35) / 2.6 (6) |
| Net Weight | Indoor | mm | 632 x 799 x 290 | 716 x 820 x 315 |
| | Outdoor | kg(lbs) | 36 (79) | 42 (93) |
| Piping Connections (Small / Large) | | mm | 6.35/12.70 | 6.35/15.88 |
| Drain Pipe Diameter (I.D./O.D.) | | | 25/32 | 25/32 |
| Max. Pipe Length (Pre-Charge) | | m | 25 (15) | 30 (15) |
| Max. Height Difference | | | 15 | 20 |
| Operation Range | Cooling | °CDB | -10 to 46 | -10 to 46 |
| | Heating | | -15 to 24 | -15 to 24 |
| Refrigerant | | | R410A | R410A |
| Cassette Grille | | | UTG-UFYD-W | UTG-UFYD-W |

Optional parts

- Wired Remote Controller: UTY-RNNYM, UTY-RVNYM, UTY-RSNYM
- Simple Remote Controller: UTY-FERX
- External Switch Controller: UTY-XWZX
- Insulation Kit For High Humidity: UTZ-KXGC
- Fresh Air Intake Kit: UTZ-VXAA
- Cassette Grille: UTG-UFYD-W
- Air Outlet Shutter Plate: UTR-YDZB
- Wireless LAN Adapter: UTY-TFNXZ3
- Network Converter for single split (DC power supply type): UTY-VTGX
- Network Converter for single split (AC power supply type): UTY-VTGXV

Dimensions

(Unit : mm)



NEW

Ceiling



(30/36/45)

Light elegant design

The light-elegant, gently curved surface gives a sense of comfort and well-being.



Easy installation

The indoor unit can be easily installed under the ceiling thanks to the uniquely designed mounting kit.



Easy maintenance

The front panel can be opened without removing it for safe & speedy maintenance.



The drain pan can be removed for cleaning.



Components in the control box can be easily accessed from the wide side opening.



Flexible installation

The drain hose and pipe can be contained in the casing and connected in the right, left, angled, or downward direction.



Model: ABYG18KRTA / ABYG24KRTA / ABYG30KRTA / ABYG36KRTA / ABYG45KRTA
 ABYG36KRTA [3-phase] / ABYG45KRTA [3-phase]



Specifications

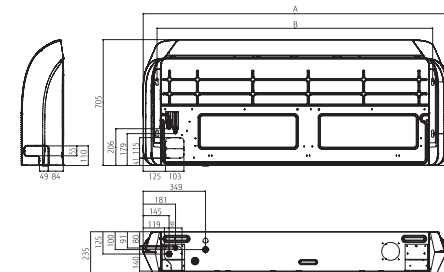
| Model name | Indoor unit | | ABYG18KRTA | ABYG24KRTA | ABYG30KRTA | ABYG36KRTA | ABYG45KRTA | ABYG36KRTA | ABYG45KRTA |
|--|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|
| | Outdoor unit | | A0YG18KATA | A0YG24KATA | A0YG30KATA | A0YG36KATA | A0YG45KATA | A0YG36KQTA | A0YG45KQTA |
| Power Source | | V/Hz | 230/1/50 | 230/1/50 | 230/1/50 | 230/1/50 | 230/1/50 | 400/3/50 | 400/3/50 |
| | Cooling (Min.-Max.) | KW | 5.2 (0.9-5.4) | 6.8 (0.9-7.4) | 8.5 (2.8-9.6) | 9.5 (2.8-10.6) | 12.1 (4.0-12.6) | 9.5 (2.8-10.6) | 12.1 (4.0-12.6) |
| Btu/h | | 17,700 (3,100-18,400) | 23,200 (3,100-25,200) | 29,000 (9,600-32,700) | 32,400 (9,600-36,100) | 41,300 (13,600-43,000) | 32,400 (9,600-36,100) | 41,300 (13,600-43,000) | |
| Capacity | Heating (Min.-Max.) | KW | 6.0 (0.9-6.3) | 7.5 (0.9-8.6) | 10.0 (2.7-10.8) | 10.8 (2.7-12.5) | 13.5 (4.2-15.0) | 10.8 (2.7-12.5) | 13.5 (4.2-15.0) |
| | | Btu/h | 20,500 (3,100-21,400) | 25,600 (3,100-29,300) | 34,100 (9,200-36,800) | 36,900 (9,200-42,600) | 46,100 (14,300-51,200) | 36,900 (9,200-42,600) | 46,100 (14,300-51,200) |
| Input Power | Cooling/Heating | KW | 1.66/1.71 | 2.19/2.00 | 2.78/2.86 | 3.13/3.03 | 4.84/4.18 | 3.13/3.03 | 4.84/4.18 |
| | | W/W | 3.13 | 3.11 | 3.06 | 3.04 | 2.50 | 3.04 | 2.50 |
| COP | Cooling/Heating | A | 3.51 | 3.75 | 3.5 | 3.56 | 3.23 | 3.56 | 3.23 |
| | | W/W | 7.4/7.6 | 9.7/8.8 | 12.3/12.6 | 13.8/13.3 | 21.3/18.4 | 6.0/5.8 | 8.8/7.6 |
| Moisture Removal | Cooling/Heating | l/h | 2.0 | 2.2 | 3.0 | 2.6 | 4.5 | 2.6 | 4.5 |
| | | l/h | 38/38 | 41/41 | 45/45 | 44/44 | 45/45 | 44/44 | 45/45 |
| Sound Pressure Level (Cooling/Heating) | Indoor (High) | dB(A) | 51/52 | 54/55 | 53/55 | 55/55 | 58/59 | 55/55 | 58/59 |
| | | Indoor (High) | 84/84 | 1,230/1,230 | 1,400/1,400 | 1,850/1,850 | 1,900/1,850 | 1,850/1,850 | 1,900/1,850 |
| Airflow Rate (Cooling/Heating) | Indoor | m ³ /h | 1,710/1,840 | 2,885/2,350 | 3,750/3,750 | 3,750/3,750 | 4,450/4,500 | 3,750/3,750 | 4,450/4,500 |
| | | mm | 235 × 1,080 × 705 | 235 × 1,390 × 705 | 235 × 1,390 × 705 | 235 × 1,700 × 705 | 235 × 1,700 × 705 | 235 × 1,700 × 705 | 235 × 1,700 × 705 |
| Net Dimensions H x W x D | Indoor | kg (lbs) | 24 (53) | 31 (68) | 31 (68) | 38 (84) | 38 (84) | 38 (84) | 38 (84) |
| | | mm | 542 × 799 × 290 | 632 × 799 × 290 | 788 × 940 × 320 | 788 × 940 × 320 | 988 × 940 × 320 | 788 × 940 × 320 | 988 × 940 × 320 |
| Weight | Outdoor | kg (lbs) | 53 (117) | 38 (84) | 52 (115) | 52 (115) | 61 (134) | 53 (117) | 62 (137) |
| | | mm | 6.35/12.7 | 6.35/12.7 | 9.52/15.88 | 9.52/15.88 | 9.52/15.88 | 9.52/15.88 | 9.52/15.88 |
| Piping Connections (Small / Large) | mm | | 25/32 | 25/32 | 25/32 | 25/32 | 25/32 | 25/32 | 25/32 |
| | | m | 20 (15) | 25 (20) | 30 (30) | 30 (30) | 30 (30) | 30 (30) | 30 (30) |
| Max. Pipe Length (Pre-Charge) | m | | 15 | 20 | 30 | 30 | 30 | 30 | 30 |
| | | °CDB | -10 to 46 | -10 to 46 | -10 to 46 | -10 to 46 | -10 to 46 | -10 to 46 | -10 to 46 |
| Operating Range | Heating | | -15 to 24 | -15 to 24 | -15 to 24 | -15 to 24 | -15 to 24 | -15 to 24 | -15 to 24 |
| | | Refrigerant | R32 | R32 | R32 | R32 | R32 | R32 | R32 |

Optional parts

| | | | | | |
|--|------------|--------------------|----------------------|--|------------|
| Compact wired remote controller: | UTY-RCRZ1 | WLAN adapter: | UTY-TFSXZ2 | Network Converter for single split (DC power supply type): | UTY-VTGX |
| Wired remote controller (touch panel): | UTY-RNRZ5 | Drain pump unit: | UTR-DBP24T | Network Converter for single split (AC power supply type): | UTY-VTGXV |
| Wired remote controller: | UTY-RLRY | IR receiver unit: | UTY-LBTYH | External switch controller: | UTY-TERX |
| Simple remote controller (without operation mode): | UTY-RNRY | L-type piping kit: | UTP-FX24A (18/24) | | |
| Simple remote controller: | UTY-RSRY | | UTP-FX35A (30/36/45) | | |
| External input and output PCB: | UTY-XCSX | Communication kit: | UTY-TWRXZ3 | (Outdoor unit 30/36/45) | UTY-XWZXZ3 |
| External input and output PCB box: | UTZ-GXEA | MODBUS converter: | UTY-VMSX | External connect kit: | |
| External connect kit: | UTY-XWZXZG | KNX Converter: | UTY-VKXS | | |

Dimensions

(Unit: mm)



| | ABYG18KRTA | ABYG24/30KRTA | ABYG36/45KRTA |
|---|------------|---------------|---------------|
| A | 1,080 | 1,390 | 1,700 |
| B | 923 | 1,233 | 1,543 |

NEW

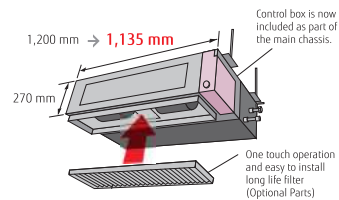
Medium Static Pressure Duct Standard



(30/36/45)

Slim & Compact design

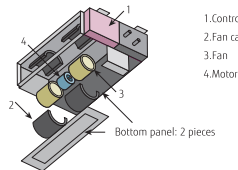
In the case of bottom return air connection, not only does the indoor unit design allow for installation in a narrow ceiling space of up to 270 mm, further space savings have been achieved by mounting the control box internally inside the chassis.



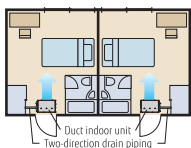
Easy maintenance

Structural improvement is attained by making the bottom panel two pieces, front and rear. The internal fan casing is also manufactured in two pieces, namely upper and lower. The maintenance of the motor and fan can be easily carried out by removing the rear panel and the lower part of the casing while leaving the main chassis installed.

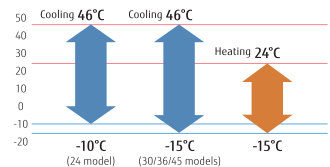
See below for the case of rear suction type



Two-direction drain piping



Wide operation range



Model: ARXG24KMLA / ARXG30KMLA / ARXG36KMLA / ARXG45KMLA



Specifications

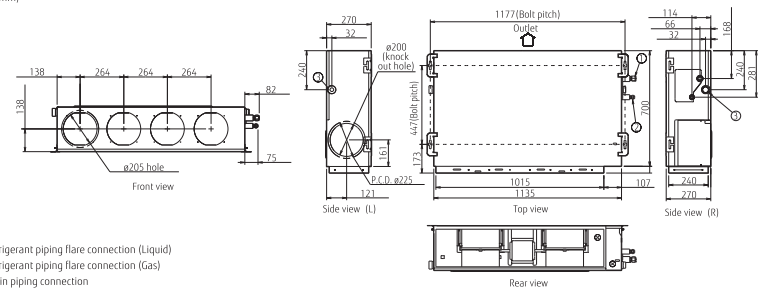
| Model name | Indoor unit | | ARXG24KMLA | ARXG30KMLA | ARXG36KMLA | ARXG45KMLA |
|--|---------------------------------|-------------------|-----------------------|-----------------------|-----------------------|------------------------|
| | Outdoor unit | | AOYG24KATA | AOYG30KATA | AOYG36KATA | AOYG45KATA |
| Power Source | V/Φ/Hz | | 230/1/50 | 230/1/50 | 230/1/50 | 230/1/50 |
| | Cooling (Min.-Max.) | kW | 6.8 (0.9-7.4) | 8.5 (2.8-9.6) | 9.5 (2.8-10.6) | 12.1 (4.0-12.6) |
| Capacity | Btu/h | | 23,200 (3,100-25,200) | 29,000 (9,600-32,700) | 32,400 (9,600-36,100) | 41,300 (13,600-43,000) |
| | Heating (Min.-Max.) | kW | 7.5 (0.9-8.6) | 10.0 (2.7-10.8) | 10.8 (2.7-12.5) | 13.5 (4.2-15.0) |
| | Btu/h | | 25,600 (3,100-29,300) | 34,100 (9,200-36,800) | 36,900 (9,200-42,600) | 46,100 (14,300-51,200) |
| Input Power | Cooling/Heating | kW | 2.19/2.00 | 2.78/2.77 | 3.13/3.03 | 4.84/4.18 |
| EER | Cooling | | 3.11 | 3.06 | 3.04 | 2.50 |
| COP | Heating | W/W | 3.75 | 3.61 | 3.56 | 3.23 |
| Running Current | Cooling/Heating | A | 9.7 / 8.8 | 12.3 / 12.3 | 13.8 / 13.4 | 21.3 / 18.3 |
| Moisture Removal | | l/h | 2.5 | 2.5 | 3.0 | 4.0 |
| Sound Pressure Level (Cooling/Heating) | Indoor (High) | dB(A) | 31/31 | 39/42 | 39/42 | 42/42 |
| | Outdoor | | 54/55 | 53/55 | 55/55 | 58/59 |
| Airflow Rate (Cooling/Heating) | Indoor (High) | m ³ /h | 1,100/1,100 | 1,900/2,100 | 1,900/2,100 | 2,100/2,100 |
| | Outdoor | | 2,885/2,350 | 3,750/3,750 | 3,750/3,750 | 4,450/4,450 |
| Net Dimensions H x W x D | Indoor | mm | 270 × 1,135 × 700 | 270 × 1,135 × 700 | 270 × 1,135 × 700 | 270 × 1,135 × 700 |
| | kg (lbs) | | 35 (77) | 38 (84) | 38 (84) | 39 (86) |
| Weight | Indoor | mm | 632 × 799 × 290 | 788 × 940 × 320 | 788 × 940 × 320 | 998 × 940 × 320 |
| | kg (lbs) | | 38 (84) | 52 (115) | 52 (115) | 61 (134) |
| Piping Connections (Small / Large) | | mm | 6.35/12.70 | 9.52/15.88 | 9.52/15.88 | 9.52/15.88 |
| | Drain port Diameter (I.D./O.D.) | | 25/32 | 25/32 | 25/32 | 25/32 |
| Max. Pipe Length (Pre-Charge) | | m | 25 (20) | 30 (30) | 30 (30) | 30 (30) |
| | Max. Height Difference | | 20 | 30 | 30 | 30 |
| Operating Range | Cooling | °CDB | -10 to 46 | -10 to 46 | -10 to 46 | -10 to 46 |
| | Heating | | -15 to 24 | -15 to 24 | -15 to 24 | -15 to 24 |
| Refrigerant | | | R32 | R32 | R32 | R32 |

Optional parts

| | | | | | |
|--|------------|-----------------------------|------------|--|------------|
| Compact wired remote controller: | UTY-RCRYZ1 | WLAN adapter: | UTY-TFSXZ2 | Network Converter for single split (DC power supply type): | UTY-VTGX |
| Wired remote controller (touch panel): | UTY-RNRYZ5 | Flange (Round): | UTD-RF204 | Network Converter for single split (AC power supply type): | UTY-VTGVX |
| Wired remote controller: | UTY-RLRY | Flange (Square): | UTD-SF045T | Drain pump unit: | UTZ-PX1NBA |
| | UTY-RNRYM | IR receiver unit: | UTY-LBTYM | MODBUS converter: | UTY-VMSX |
| | UTY-RVNYM | Remote sensor unit: | UTY-XSZXZ1 | KNX Converter: | UTY-VKXS |
| Simple remote controller (without operation mode): | UTY-RHRY | External connect kit: | UTY-XWZKZG | | |
| Simple remote controller: | UTY-RSRY | External switch controller: | UTY-FERX | (Outdoor unit 30/36/45) | |
| | UTY-RSNYM | Long-life filter: | UTD-LF25NA | External connect kit: | UTY-XWZKZ3 |

Dimensions

(Unit: mm)



- ① Refrigerant piping flare connection (Liquid)
- ② Refrigerant piping flare connection (Gas)
- ③ Drain piping connection

NEW

High Static Pressure Duct



Easy installation (Compact & Lightweight)

The indoor and outdoor units are designed to be compact and light by reducing the basic chassis size and the overall material weight.

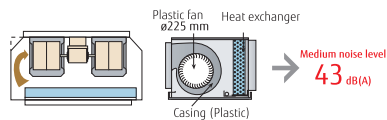


Design also suits high static pressure



w noise

ted corners at the top help reduce turbulent airflow. noise is realized by adopting a plastic case and a plastic fan.



M del: ARXG45KHTB [3-phase] / ARXG54KHTB [3-phase]



AOYG45KRTA
AOYG54KRTA

Specifications

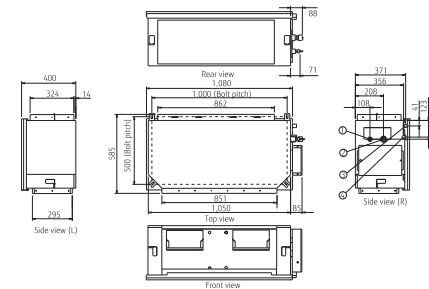
| Model name | Indoor unit | | ARXG45KHTB | ARXG54KHTB |
|--|---------------------|-------------------|------------------------|------------------------|
| | Outdoor unit | | AOYG45KRTA | AOYG54KRTA |
| Power Source | V/Ø/Hz | | 400/3/50 | 400/3/50 |
| | Cooling (Min.-Max.) | kW | 12.1 (4.0-14.0) | 13.4 (5.0-14.5) |
| Capacity | Cooling | Btu/h | 41,300 (13,600-47,800) | 45,700 (17,100-48,400) |
| | Heating (Min.-Max.) | kW | 13.5 (5.0-16.2) | 15.5 (5.5-18.0) |
| | Cooling | Btu/h | 46,100 (17,100-55,300) | 52,900 (18,800-61,400) |
| Input Power | Cooling/Heating | kW | 4.16/3.61 | 4.77/4.18 |
| EER | Cooling | | 2.91 | 2.81 |
| COP | Heating | W/W | 3.74 | 3.71 |
| Running Current | Cooling/Heating | A | 7.6 / 6.8 | 8.5 / 7.6 |
| Moisture Removal | | l/h | 1.5 | 2.0 |
| Sound Pressure Level (Cooling/Heating) | Indoor (High) | | 47/47 | 47/47 |
| | Outdoor | dB(A) | 57/57 | 57/59 |
| Airflow Rate (Cooling/Heating) | Indoor (High) | | 3,350/3,350 | 3,350/3,350 |
| | Outdoor | m ³ /h | 4,450/4,450 | 4,450/4,450 |
| Net Dimensions H x W x D | Indoor | mm | 400 × 1,050 × 500 | 400 × 1,050 × 500 |
| | Outdoor | kg (lbs) | 46 (101) | 46 (101) |
| Weight | Indoor | mm | 998 × 940 × 320 | 998 × 940 × 320 |
| | Outdoor | kg (lbs) | 67 (148) | 67 (148) |
| Piping Connections (Small / Large) | | | 9.52/15.88 | 9.52/15.88 |
| Drain port Diameter (I.D./O.D.) | | | 23.4/25.4 | 23.4/25.4 |
| Max. Pipe Length (Pre-Charge) | | m | 50 (30) | 50 (30) |
| Max. Height Difference | | | 30 | 30 |
| Operating Range | Cooling | °CDB | -15 to 46 | -15 to 46 |
| | Heating | | -15 to 24 | -15 to 24 |
| Refrigerant | | | R32 | R32 |

Optional parts

| | | | | | |
|--|------------|--------------------------------|-------------------|--|-----------|
| Compact wired remote controller: | UTY-RCRYZ1 | Remote sensor unit: | UTY-XSZXZ1 | Network Converter for single split (DC power supply type): | UTY-VTGX |
| Wired remote controller (touch panel): | UTY-RNRVZ5 | Long-life filter: | UTD-LF60KA | Network Converter for single split (AC power supply type): | UTY-VTGXV |
| Wired remote controller: | UTY-RLRY | External switch controller: | UTY-TERX | | |
| Simple remote controller: | UTY-RSRY | WLAN adapter: | UTY-1FSXZ2 | (Outdoor unit) | UTY-XWZK3 |
| | UTY-RHRY | External input and output PCB: | UTY-XCSX+UTZ-GXEA | External connect kit: | |
| IR Receiver unit: | UTY-LBTM | MODBUS converter: | UTY-VMSX | | |
| External connect kit: | UTY-XWZKZG | KNX Converter: | UTY-VK5X | | |

Dimensions

(Unit: mm)



- ① Refrigerant piping flare connection (Liquid)
- ② Refrigerant piping flare connection (Gas)
- ③ Drain piping connection (Safety drain pan)
- ④ Drain piping connection (Main drain pan)

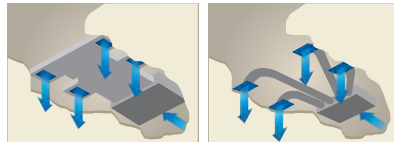
High Static Pressure Duct



High energy efficiency

Much greater efficiency is achieved by the use of all-DC inverter technology.

Design also corresponding to high static pressure



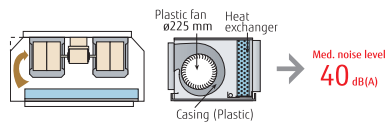
Easy installation (Compact & Lightweight)

The indoor unit is designed to be compact and light by reducing the basic chassis size and the overall material weight.

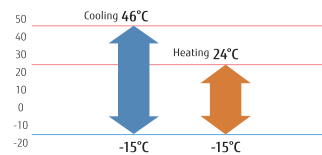


Low noise

Cutting off the corners has enabled less turbulent airflow. noise is realized by adopting a plastic case and a plastic fan.



Wide operation range



Model : ARYG60LHTA [3 phase]



Specifications

| Model No. | Indoor unit | | ARYG60LHTA |
|--|---------------------|-------------------|-----------------------|
| | Outdoor unit | | AOYG60LATT |
| Power Source | | V/Ø/Hz | 400/3/50 |
| Capacity | Cooling (Min.-Max.) | Btu/h | 15,016.0-18,000 |
| | Heating (Min.-Max.) | Btu/h | 18,016.0-20,000 |
| Input Power | Cooling/Heating | kW | 61,500(21,200-68,300) |
| | | | 4.70/5.15 |
| EER | Cooling | | 3.19 |
| COP | Heating | W/W | 3.50 |
| Running Current | Cooling/Heating | A | 7/8 |
| Moisture Removal | | l/h | 2.0 |
| Sound Pressure Level (Cooling/Heating) | Indoor (High) | dB(A) | 45/45 |
| | Outdoor | | 56/58 |
| Airflow Rate (Cooling/Heating) | Indoor (High) | m ³ /h | 3,350/3,350 |
| | Outdoor | | 6,900/7,300 |
| Net Dimensions H x W x D | Indoor | mm | 425 x 1,250 x 490 |
| | | kg(lbs) | 54(119) |
| Net Weight | Outdoor | mm | 1,290 x 900 x 330 |
| | | kg(lbs) | 104(229) |
| Piping Connections (Small / Large) | | mm | 9.52/15.88 |
| Drain Pipe Diameter (I.D./O.D.) | | | 23.4/25.4 |
| Max. Pipe Length (Pre-Charge) | | m | 75(30) |
| Max. Height Difference | | | 30 |
| Operation Range | Cooling | °C/DB | -10 to 46 |
| | Heating | | -15 to 24 |
| Refrigerant | | | R410A |

Optional parts

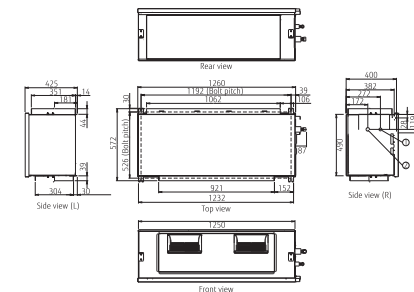
Wired Remote Controller: UTY-RNVYM, UTY-RVNYM
 Simple Remote Controller: UTY-RSNYM
 External Switch Controller: UTY-TERX
 Remote Sensor Unit: UTY-XSZXZ1
 External Connect Kit: UTD-ECS5A
 IR Receiver Unit: UTY-LRHVM
 WLAN adapter: UTY-TFNXZ3

Network Converter for single split (DC power supply type): UTY-VTGX
 Network Converter for single split (AC power supply type): UTY-VTGVX

(Outdoor unit)
 External connect kit: UTY-XWZKZ2

Dimensions

(Unit: mm)



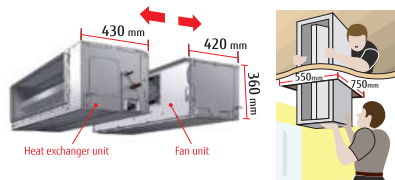
- ① Refrigerant piping flare connection (Liquid)
- ② Refrigerant piping flare connection (Gas)

NEW
Big Duct



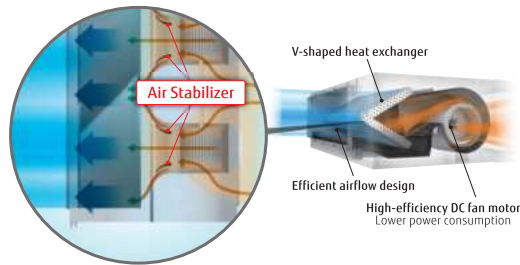
Splittable, lightweight, and compact design

The indoor unit can be split into a fan unit and a heat exchanger unit to make installation easier.



Quiet operation

The combination of a V-shaped heat exchanger, an air stabilizer, and a high-efficiency DC fan motor enables this compact unit to operate quietly.



M del: ARYG72LHTA / ARYG90LHTA



ARYG72LRLA
ARYG90LRLA

Specifications

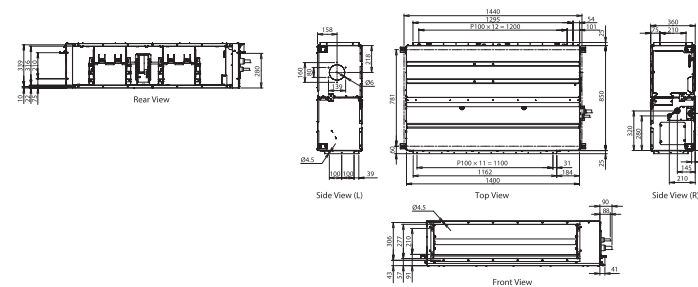
| Model name | Indoor unit | | ARYG72LHTA | ARYG90LHTA |
|--|-----------------|-------------------|------------------------|-------------------------|
| | Outdoor unit | | AOYG72LRLA | AOYG90LRLA |
| Power Source | Indoor | V/Hz | 230/150 | 230/150 |
| | Outdoor | | 400/3/50 | 400/3/50 |
| Capacity | Cooling | kW | 19.0 (8.4-20.9) | 22.0 (10.3-24.2) |
| | | Btu/h | 64,800 (28,600-71,300) | 75,000 (35,100-82,500) |
| | Heating | kW | 22.4 (7.2-24.6) | 27.0 (8.5-29.7) |
| | | Btu/h | 76,400 (24,500-83,900) | 92,100 (29,000-101,300) |
| Input Power | Cooling/Heating | kW | 6.46/6.59 | 7.7/8.18 |
| EER | Cooling | | 2.94 | 2.83 |
| COP | Heating | W/W | 3.40 | 3.30 |
| Running Current (Cooling/Heating) | Indoor | A | 3.2 / 3.2 | 3.5 / 3.5 |
| | Outdoor | | 11.2 / 11.5 | 13.5 / 14.1 |
| Moisture Removal | | l/h | 4.5 | 6.0 |
| Sound Pressure Level (Cooling/Heating) | Indoor (High) | dB(A) | 46/46 | 47/47 |
| | Outdoor | | 55/55 | 55/57 |
| Airflow Rate (Cooling/Heating) | Indoor (High) | m ³ /h | 4,300/4,300 | 4,300/4,300 |
| | Outdoor | | 8,400/8,400 | 8,400/9,000 |
| Net Dimensions | Indoor | mm | 360 × 1,400 × 850 | 360 × 1,400 × 850 |
| | | kg (lbs) | 69 (152) | 80 (176) |
| H x W x D | Outdoor | mm | 1,428 × 1,080 × 480 | 1,428 × 1,080 × 480 |
| | | kg (lbs) | 165 (364) | 174 (384) |
| Piping Connections (Small / Large) | | mm | 12/12.5 / 4 | 12/12.5 / 4 |
| Drain Hose Diameter (I.D./O.D.) | | mm | 25/32 | 25/32 |
| Max. Pipe Length (Pre-Charge) | | m | 100 (30) | 100 (30) |
| Max. Height Difference | | m | 30 | 30 |
| Operating Range | Cooling | °CDB | -15 to 46 | -15 to 46 |
| | Heating | | -20 to 24 | -20 to 24 |
| Refrigerant | | | R410A | R410A |

Optional parts

| | | | | | |
|--|------------|--------------------------------|------------|--|------------|
| Compact wired remote controller: | UTY-RCRYZ1 | WLAN adapter: | UTY-TFSXZ2 | Network Converter for single split (DC power supply type): | UTY-VTGX |
| Wired remote controller (touch panel): | UTY-RNRVZ5 | External input and output PCB: | UTY-XCSX | Network Converter for single split (AC power supply type): | UTY-VTGVX |
| Wired remote controller: | UTY-RLRY | Remote sensor unit: | UTY-XSZXZ1 | External connect kit: | UTY-XWZXG |
| | UTY-RNNYM | Long-life filter | UTD-LFKA | Drain pump unit: | UTZ-PX1NAB |
| | UTY-RVNYM | IR receiver unit: | UTY-LBTYM | External switch controller: | UTY-TERX |
| Simple remote controller (without operation mode): | UTY-RRHRY | | UTY-LRHYM | | |
| Simple remote controller: | UTY-RSRY | MODBUS converter: | UTY-VMSX | (Outdoor unit) | |
| | UTY-RSNYM | KNX Converter: | UTY-VKXS | External connect kit: | UTY-XWZXZ3 |

Dimensions

(Unit: mm)



Automatic airflow adjustment function

optimum airflow can be set automatically to facilitate installation.



PRODUCT CATEGORY
CONTROL SYSTEM
& OPTIONAL PARTS



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.

Split Control System List-INVERTER

| Country | for Singapore | | for Vietnam | | Common models | | | Common models | | | | | | |
|--------------|------------------------------------|--|-------------------------|---------------------------|------------------|-----------------------------------|-----------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------|-----------------------------------|------------------------|
| Type | Wall Mounted | Circular Flow Cassette | Wall Mounted | | Compact Cassette | Circular Flow Cassette | Ceiling | Slim Duct | Medium Static Pressure Duct | High Static Pressure Duct | | Big Duct | | |
| Model No. | ASAG 09/12/18/24/30 CMTA | AUAH24/36CRLA | ASAG 09/12/18/24 CPTA-V | ASAG09LLTB-V ASAG12LLTA-V | AUXG18/24KVL A | AUYG18LVLB AUYG24LVLA | AUXG 18/24/30/36/45/54 KRLB | ABYG 18/24/30/36/45 KRTA | ARXG18KLLAP | ARXG24/30/36/45KMLA | ARXG45/54KHTB | ARYG60LHTA | ARYG72/90LHTA | |
| Control Unit | Wired Remote Controller | UTY-RNRYZ5 | UTY-RNRYZ5 | | | UTY-RNRYZ5 | | UTY-RNRYZ5 | UTY-RNRYZ5 | UTY-RNRYZ5 | UTY-RNRYZ5 | | UTY-RNRYZ5 | |
| | | UTY-RLRY | UTY-RLRY | | | UTY-RLRY | | UTY-RLRY | UTY-RLRY | UTY-RLRY | UTY-RLRY | | UTY-RLRY | |
| | | UTY-RVNYM | | | | UTY-RVNYM | UTY-RVNYM | UTY-RVNYM | UTY-RVNYM | UTY-RVNYM | UTY-RVNYM | | UTY-RVNYM | |
| | | UTY-RNNYM | | | | UTY-RNNYM | UTY-RNNYM | UTY-RNNYM | UTY-RNNYM | UTY-RNNYM | UTY-RNNYM | | UTY-RNNYM | |
| | Compact Wired Remote Controller | UTY-RCRYZ1 | UTY-RCRYZ1 | | | UTY-RCRYZ1 | | UTY-RCRYZ1 | UTY-RCRYZ1 | UTY-RCRYZ1 | UTY-RCRYZ1 | | UTY-RCRYZ1 | |
| | Simple Remote Controller | 2-wire type 3-wire type | UTY-RSRY UTY-RHRY | UTY-RSRY UTY-RHRY | | UTY-RSRY UTY-RHRY UTY-RSNYM | UTY-RSNYM | UTY-RSRY UTY-RHRY UTY-RSNYM | UTY-RSRY UTY-RHRY UTY-RSNYM | UTY-RSRY UTY-RHRY UTY-RSNYM | UTY-RSRY UTY-RHRY UTY-RSNYM | | UTY-RSRY UTY-RHRY UTY-RSNYM | |
| | Wireless remote controller | | | | | UTY-LNTY | | | | | | | | |
| | IR Receiver Kit | For Cassette | | UTY-LBTYC | | | | UTY-LBTYC | | | | | | |
| | | For Duct | | | | | | | UTY-LBTYM | UTY-LBTYM | UTY-LBTYM | UTY-LRHYM | | UTY-LBTYM UTY-LRHYM |
| | | For Ceiling | | | | | | | UTY-LBTHH | | | | | |
| Expansion | MODBUS™ Converter | UTY-VMSX | UTY-VMSX | | | UTY-VMSX | | UTY-VMSX | UTY-VMSX | UTY-VMSX | UTY-VMSX | | UTY-VMSX | |
| | KVM® Converter | UTY-VKSX | UTY-VKSX | | | UTY-VKSX | | UTY-VKSX | UTY-VKSX | UTY-VKSX | UTY-VKSX | | UTY-VKSX | |
| | Wireless LAN Adapter (USB type) | UTY-TFSXF3 | | | | | | | | | | | | |
| | Wireless LAN Adapter | UTY-TFSXZ2 | UTY-TFSXZ2 | | | UTY-TFSXZ2 | UTY-TFNXZ3 | UTY-TFSXZ2 | UTY-TFSXZ2 | UTY-TFSXZ2 | UTY-TFSXZ2 | UTY-TFNXZ3 | UTY-TFSXZ2 | |
| | External switch controller | UTY-TERX | UTY-TERX | | | UTY-TERX | UTY-TERX | UTY-TERX | UTY-TERX | UTY-TERX | UTY-TERX | | UTY-TERX | |
| | Network Connector for Single Split | DC Power Supply Type AC Power Supply Type | UTY-VTGX UTY-VTGXV | UTY-VTGX UTY-VTGXV | | UTY-VTGX UTY-VTGXV | UTY-VTGX UTY-VTGXV | UTY-VTGX UTY-VTGXV | UTY-VTGX UTY-VTGXV | UTY-VTGX UTY-VTGXV | UTY-VTGX UTY-VTGXV | UTY-VTGX UTY-VTGXV | | UTY-VTGX UTY-VTGXV |

Auto Louver Grille Kit

UTD-GXTA-W / UTD-GXTB-W

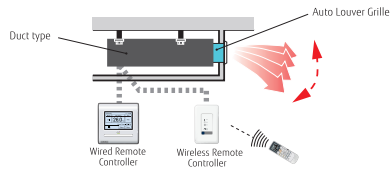


Simple flat Auto Louver will provide comfort airflow and harmonize with luxury interior.

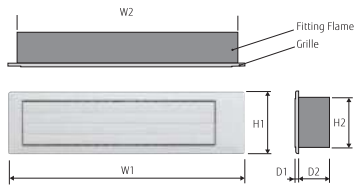


Flexible Control

- **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.



Dimensions



| Model Name | Unit:mm | | | | | |
|------------|---------|-----|-----|-----|----|----|
| | W1 | W2 | H1 | H2 | D1 | D2 |
| UTD-GXTA-W | 683 | 645 | 180 | 148 | 9 | 84 |
| UTD-GXTB-W | 883 | 845 | | | | |

Specifications

| Model name | | UTD-GXTA-W | | UTD-GXTB-W | |
|------------------------------|---------|---|--|---|--|
| Applicable Indoor Unit | | ARAH09/12/14CSLAP ARXG07/09/12/14KSLAP ARXG07/09/12/14KLLAP | | ARXG18KLLAP ARAH18KSLAP ARXG18KSLAP | |
| 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 × W × D) | | mm | | mm | |
| | | 180 × 683 × (84 + 9) | | 180 × 883 × (84 + 9) | |
| Weight | Net | kg | | kg | |
| | Gross | (lbs) | | (lbs) | |
| | | 2.0 (4.4) | | 2.5 (5.6) | |
| | | 3.0 (6.7) | | 3.5 (7.8) | |
| Color | | White | | | |
| Louver Motor | | Stepping Motor | | | |
| Accessories | | Fitting Flange, etc. | | | |
| Operation range | Cooling | °C | | 18 to 32 | |
| | | % RH | | 80% or less | |
| | Heating | °C | | 16 to 30 | |



Optional Parts List For Split & Multi-Split

Split Optional Parts List-INVERTER

| Country | | for Singapore | | for Vietnam | | Common models | | | Common models | | | | | |
|--|--|--------------------------|------------------------------|-------------------------|---------------------------|------------------|------------------------|--|---|-----------------------------|---------------------------|---------------|--------------|---------------|
| Type | | Wall Mounted | Circular Flow Cassette | Wall Mounted | | Compact Cassette | Circular Flow Cassette | Ceiling | Slim Duct | Medium Static Pressure Duct | High Static Pressure Duct | | Big Duct | |
| Model No. | | ASAG 09/12/18/24/30 CMTA | AUAH24/36CRLA | ASAG 09/12/18/24 CPTA-V | ASAG09LLTB-V ASAG1ZLLTA-V | AUXG18/24KVL A | AUYG18VLB AUYG24LVLA | AUXG 18/24/30/36/45/54 KRLB | ABYG 18/24/30/36/45 KRTA | ARXG18KLLAP | ARXG24/30/36/45KMLA | ARXG45/54KHTB | ARYG60LHTA | ARYG72/90LHTA |
| Standard | Occupancy sensor kit | | ● UTY-SHZXC | | | | | ● UTY-SHZXC | | | | | | |
| | Remote Sensor Unit | | | | | | | | ● UTY-XSZX21 | ● UTY-XSZX21 | ● UTY-XSZX21 | ● UTY-XSZX21 | ● UTY-XSZX21 | ● UTY-XSZX21 |
| | Cassette Grille | | ● UTG-UKYC-W ● UTG-UKYA-B | | | ● UTG-UFYF-W | ● UTG-UFYD-W | ● UTG-UKYA-B ● UTG-UKYA-W ● UTG-UKYC-W | | | | | | |
| | Auto Louver Grille Kit | | | | | | | | ● UTD-CXTB-W | | | | | |
| | Flange | | | | | | | | | ● UTD-RF204 ● UTD-SF045T | | | | |
| | Drain Pump Unit | | | | | | | | ● UTR-DPB24T | | ● UTY-PX1NBA | | | ● UTY-PX1NAB |
| | Wide Panel / Additional Grille | | | ● UTG-AKXA-W | | | | | ● UTG-AKXA-W | | | | | |
| | Panel Spacer | | | ● UTG-BKXA-W | | | | | ● UTG-BKXA-W | | | | | |
| | Fresh Air Intake Kit | | | ● UTY-VXRA | | | ● UTY-VXAA | ● UTY-VXAA | ● UTY-VXRA | | | | | |
| | Air Outlet Shutter Plate | | | ● UTR-YDZK | | | ● UTR-YDZB | ● UTR-YDZB | ● UTR-YDZK | | | | | |
| | Insulation Kit For High Humidity | | | ● UTY-KXRA | | | ● UTY-KXGC | ● UTY-KXGC | ● UTY-KXRA | | | | | |
| | Silver Ion filter II (PM2.5+non-virus) | | ● Accessory | | ● UTR-FA16-7 | | | | | | | | | |
| | Long-life filter | | | | | | | | | ● UTD-LF25NA | ● UTD-LF60KA | | | ● UTY-LFKA |
| | Remote controller holder | | | | | ● UTY-RXLA | | | | | | | | |
| | L-type piping kit | | | | | | | | ● UTP-FX24A (18/24) ● UTP-FX35A (30/36/45) | | | | | |
| External Connect Kit (Communication Kit) | Communication kit | | ● UTY-TWRXZ2 | | | | | ● UTY-TWRXZ3 | | | | | | |
| | External input and output PCB | | ● UTY-XCSXZ2 | ● UTY-XCSX | | ● UTY-XCSX | ● UTY-XCSX | ● UTY-XCSX | | | ● UTY-XCSX | | ● UTY-XCSX | |
| | External input and output PCB Box | | | ● UTY-GXRA | | ● UTY-GXRA | ● UTY-GXRA | ● UTY-GXEA | | | ● UTY-GXEA | | | |
| | External Connect Kit (For indoor) | | ● UTY-XWZXZ5 | ● UTY-XWZXZG | | ● UTY-XWZXZG | ● UTY-XWZX | ● UTY-XWZXZG | ● UTY-XWZXZG | ● UTY-XWZXZG | ● UTY-XWZXZG | ● UTY-XWZXZG | ● UTY-XWZXZG | ● UTY-XWZXZG |
| | External Connect Kit (For outdoor) | | | | | | | ● UTY-XWZXZ3 (30/36/45/54) | ● UTY-XWZXZ3 (30/36/45) | | ● UTY-XWZXZ3 (30/36/45) | ● UTY-XWZXZ3 | ● UTY-XWZXZ2 | ● UTY-XWZXZ3 |
| | External Control Set | | | | | | | | | | | | ● UTD-ECCSA | |