

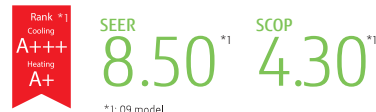


# Floor Compact Size



## High energy saving

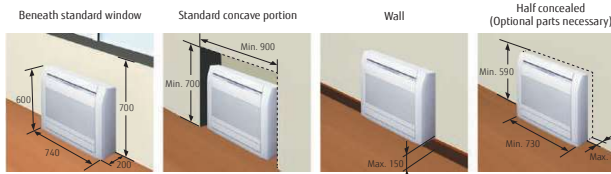
The Floor 09 class achieves a top-class SEER of 8.50 and an A+++ seasonal efficiency rank for cooling. The Floor 09 class achieves an improved SCOP of 4.30 and an A+ seasonal efficiency rank for heating.



\*1: 09 model

## Flexible & easy installation

The compact and whole-surface suction design provides flexible installation options, including floor-standing, embedded, half concealed, and wall mount installation to match the room layout.

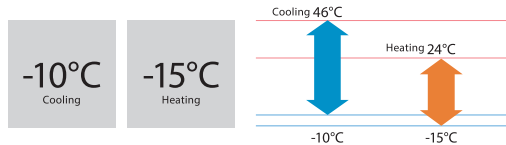


(Unit: mm)

\* Concave position installation with concealment is prohibited.

## Low ambient operation

Factory-guaranteed cooling operation down to -10°C ambient temperature.



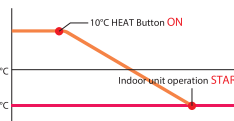
## Smart device Control (option)

With the optional WLAN adapter installed in the air conditioner, you can control it from anywhere with your smart device. WLAN adapter can be installed easily without specialized installation work.



## 10°C Heat

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.



Model: AGYG09KVCA/AGYG12KVCA/AGYG14KVCA



Wireless RC



For AGYG09/12KVCA



For AGYG14KVCA

## Specifications

| Model name                            | Indoor unit                     |              | AGYG09KVCA                  | AGYG12KVCA        | AGYG14KVCA        |
|---------------------------------------|---------------------------------|--------------|-----------------------------|-------------------|-------------------|
|                                       | Outdoor unit                    |              | AOYG09KVCA                  | AOYG12KVCA        | AOYG14KVCA        |
| Power Source                          |                                 |              | Single phase, ~230 V, 50 Hz |                   |                   |
| Capacity                              | Cooling                         | kW           | 2.5 (0.9~3.5)               | 3.5 (0.9~6.0)     | 4.2 (0.9~5.2)     |
|                                       | Heating                         | kW           | 3.5 (0.9~5.1)               | 4.5 (0.9~5.3)     | 5.2 (0.9~6.3)     |
| Input Power                           | Cooling/Heating                 | kW           | 0.53/0.81                   | 0.88/1.22         | 1.06/1.41         |
|                                       | Cooling                         | kW           | 4.70                        | 4.00              | 3.95              |
| EER                                   | Cooling                         | W/W          | 4.30                        | 3.70              | 3.70              |
|                                       | Heating                         | W/W          | 4.30                        | 3.70              | 3.70              |
| Pdesign                               | Cooling/Heating (-10°C)         | kW           | 2.50/2.60                   | 3.50/3.50         | 4.20/4.20         |
|                                       | Cooling                         | kW           | 8.50                        | 8.20              | 8.10              |
| SEER                                  | Cooling                         | W/W          | 4.30                        | 4.10              | 4.00              |
|                                       | Heating (Average)               | W/W          | 4.30                        | 4.10              | 4.00              |
| SCOP                                  | Cooling                         |              | A+++                        | A++               | A++               |
|                                       | Heating (Average)               |              | A+                          | A+                | A+                |
| Max. Operating Current                | Cooling/Heating                 | A            | 7.0/8.5                     | 7.0/8.5           | 11.0/12.0         |
|                                       | Cooling                         |              | 103                         | 149               | 181               |
| Annual Energy Consumption             | Cooling                         | kWh/a        | 845                         | 1,192             | 1,466             |
|                                       | Heating (Average)               | kWh/a        | 845                         | 1,192             | 1,466             |
| Moisture Removal                      |                                 | l/h          | 1.3                         | 1.8               | 2.1               |
|                                       | Indoor (Cooling)                | H/M/L/Q      | 40/35/29/22                 | 40/35/29/22       | 44/38/31/22       |
| Sound Pressure Level                  | Indoor (Heating)                | H/M/L/Q      | 41/35/29/22                 | 41/35/29/22       | 43/37/29/22       |
|                                       | Outdoor (Cooling/Heating)       | High         | 43/47                       | 45/51             | 51/50             |
| Sound Power Level                     | Indoor (Cooling/Heating)        | High         | 53/54                       | 53/54             | 57/56             |
|                                       | Outdoor (Cooling/Heating)       | High         | 58/61                       | 61/64             | 63/63             |
| Airflow Rate                          | Indoor/Outdoor (Cooling)        | High         | 570/1,530                   | 570/1,530         | 650/2,210         |
|                                       | Indoor/Outdoor (Heating)        | High         | 600/1,510                   | 600/1,510         | 650/2,100         |
| Net Dimensions H x W x D              | Indoor                          | mm           | 600 x 740 x 200             | 600 x 740 x 200   | 600 x 740 x 200   |
|                                       | Outdoor                         | mm           | 542 x 799 x 290             | 542 x 799 x 290   | 632 x 799 x 290   |
| Weight                                | Indoor                          | kg (lbs)     | 14 (31)                     | 14 (31)           | 14 (31)           |
|                                       | Outdoor                         | kg (lbs)     | 31 (68)                     | 31 (68)           | 38 (83)           |
| Connection Pipe Diameter (Liquid/Gas) |                                 | mm           | 6.35/9.52                   | 6.35/9.52         | 6.35/9.52         |
| Drain Hose Diameter (I.D./O.D.)       |                                 | mm           | 13.8/15.8 to 16.7           | 13.8/15.8 to 16.7 | 13.8/15.8 to 16.7 |
| Max. Pipe Length (Pre-Charge)         |                                 | m            | 20 (15)                     | 20 (15)           | 20 (15)           |
| Max. Height Difference                |                                 |              | 15                          | 15                | 15                |
| Operating Range                       | Cooling                         | °CDB         | -10 to 46                   | -10 to 46         | -10 to 46         |
|                                       | Heating                         | °CDB         | -15 to 24                   | -15 to 24         | -15 to 24         |
| Refrigerant                           | Type (Global Warming Potential) |              | R32 (675)                   | R32 (675)         | R32 (675)         |
|                                       | Charge                          | kg (CO2eq-t) | 0.85 (0.574)                | 0.85 (0.574)      | 0.94 (0.635)      |

## Optional parts

\* For optional parts compatibility of Intesis devices, refer to the optional parts compatibility list Page C-046.

|  |            |                             |            |  |            |
|--|------------|-----------------------------|------------|--|------------|
| Compact wired remote controller:                   | UTY-RRCY21 | External switch controller: | UTY-TERX   | Network Converter for single split (DC power supply type): | UTY-VTGX   |
| Wired remote controller (touch panel):             | UTY-RNRV25 | WLAN adapter:               | UTY-TFSX21 | Network Converter for single split (AC power supply type): | UTY-VTGXV  |
| Wired remote controller:                           | UTY-RLRY   | Half concealed kit:         | UTR-SIA    | Silver Ion Filter:   | UTR-FA03-5 |
| Simple remote controller (without operation mode): | UTY-RHRY   | Communication kit:          | UTY-TWRX23 |  |            |
| Simple remote controller:                          | UTY-RSRY   | External connect kit:       | UTY-KWXZ25 |  |            |

## Dimensions

(Unit: mm)

