

# NEW

## Wall Mounted Standard Series

High Efficiency & Large Room



### Small and light weight outdoor unit

This model is much more compact than conventional outdoor unit. It can be installed in a narrow place.

**New model**  
52 kg

**Current model**  
61 kg



Weight  
**-14.8%**

### Human sensor

Human sensor catches movements of people in a room, and operates with lower capacity when people leave the room. When people come back to the room, it automatically returns to previous operating mode.



### Adopting new refrigerant R32

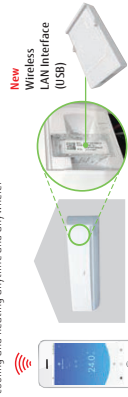
R32 refrigerant is highly environmentally friendly for the reduction of the global warming potential than other refrigerant currently available on the market.



### Smart Device control (option)

This model can be controlled from anywhere using smart device by installing optional wireless LAN interface. Wireless LAN interface can be installed easily without specialized installation work.

When you add our Wireless Interface and FGLair app, you can control your home's cooling and heating anytime and anywhere.



Model: ASYG30KM1TA / ASYG36KM1TA



Wireless R.C.



### Specifications

| Model No.                               | Indoor unit |                                    | Outdoor unit           |                            | TENTATIVE                  |                            |
|---|-------------|------------------------------------|------------------------|----------------------------|----------------------------|----------------------------|
|   | Model No.   | Indoor unit                        | Outdoor unit           | ASYG30KM1TA<br>AOYG30KM1TA | ASYG36KM1TA<br>AOYG36KM1TA | ASYG30KM1TA<br>AOYG30KM1TA |
| Power Source                            |             |                                    |                        | Single phase, ~230V, 50Hz  |                            |                            |
| Capacity                                |             | Cooling                            | Cooling                | 8.0 (2.9-9.0)              | 9.4 (2.9-10.0)             | 9.4 (2.9-10.0)             |
| Input Power                             |             | Heating                            | Heating                | 8.8 (2.2-11.0)             | 10.1 (2.7-11.2)            | 10.1 (2.7-11.2)            |
| EER                                     |             | Cooling/Heating                    | Cooling/Heating        | 2.3 (2.2-2.0)              | 3.1 (6.7-7.3)              | 3.1 (6.7-7.3)              |
| COP                                     |             | Cooling                            | Cooling                | 3.4-3                      | 2.9-7                      | 2.9-7                      |
| Pdesign                                 |             | Heating                            | Heating                | 4.0-0                      | 3.7-0                      | 3.7-0                      |
| SEER                                    |             | Cooling/Heating (1/9C)             | Cooling/Heating (1/9C) | 8.0 (6.5)                  | 9.4 (7.1)                  | 9.4 (7.1)                  |
| SEER                                    |             | Cooling                            | Cooling                | 6.6-7                      | 6.1-6                      | 6.1-6                      |
| SCOP                                    |             | Heating (Average)                  | Heating (Average)      | 4.5-2                      | 4.5-2                      | 4.5-2                      |
| Energy Efficiency Class                 |             | Cooling                            | Cooling                | A+                         | A+                         | A+                         |
| Max. Operating Current                  |             | Heating (Average)                  | Heating (Average)      | 21.0 (21.0)                | 21.5 (21.5)                | 21.5 (21.5)                |
| Annual Energy Consumption               |             | Cooling/Heating                    | Cooling/Heating        | 419                        | 535                        | 535                        |
| Moisture Removal                        |             | Heating                            | Heating                | 2.001                      | 2.108                      | 2.108                      |
| Sound Pressure Level                    |             | Indoor (Heating)                   | H/W L/O                | 2.6                        | 3.8                        | 3.8                        |
| Indoor (Cooling)                        |             | Indoor (Cooling)                   | H/W L/O                | 50/46/40/33                | 50/46/40/33                | 50/46/40/33                |
| Outdoor (Cooling/Heating)               |             | Outdoor (Cooling/Heating)          | H/W L/O                | 49/44/39/33                | 49/44/39/33                | 49/44/39/33                |
| Indoor (Cooling/Heating)                |             | Indoor (Cooling/Heating)           | High                   | 53/55                      | 53/55                      | 53/55                      |
| Outdoor (Cooling/Heating)               |             | Outdoor (Cooling/Heating)          | High                   | 68/69                      | 68/69                      | 68/69                      |
| Indoor (Cooling/Heating)                |             | Indoor (Cooling/Heating)           | High                   | 1.330/3.750                | 1.330/3.750                | 1.330/3.750                |
| Outdoor (Cooling/Heating)               |             | Outdoor (Cooling/Heating)          | High                   | 1.330/3.750                | 1.330/3.750                | 1.330/3.750                |
| Indoor / Outdoor (Cooling/Heating)      |             | Indoor / Outdoor (Cooling/Heating) | High                   | 3.40/1.150/2.800           | 3.40/1.150/2.800           | 3.40/1.150/2.800           |
| Net Dimensions                          |             | Indoor                             | m                      | 788-940-820                | 788-940-820                | 788-940-820                |
| H x W x D                               |             | Outdoor                            | kg (lb)                | 18.5 (41)                  | 18.5 (41)                  | 18.5 (41)                  |
| Weight                                  |             | Indoor                             | kg (lb)                | 57.0 (125)                 | 57.0 (125)                 | 57.0 (125)                 |
| Outdoor                                 |             | Outdoor                            | kg (lb)                | 9.5 (21)                   | 9.5 (21)                   | 9.5 (21)                   |
| Connection Pipe Diameter (Liquid / Gas) |             | mm                                 |                        | 13.0 (1/2)                 | 13.0 (1/2)                 | 13.0 (1/2)                 |
| Drain Hose Diameter (I.D./O.D.)         |             | mm                                 |                        | 13.0 (1/2)                 | 13.0 (1/2)                 | 13.0 (1/2)                 |
| Rise Pipe Length (Pre-Charge)           |             | m                                  |                        | 50 (20)                    | 50 (20)                    | 50 (20)                    |
| Max. height Difference                  |             | °CDB                               |                        | 30                         | 30                         | 30                         |
| Operation Range                         |             | Cooling                            |                        | 15 (5/4)                   | 15 (5/4)                   | 15 (5/4)                   |
|   |             | Heating                            |                        | 30 (24)                    | 30 (24)                    | 30 (24)                    |
| Refrigerant                             |             | Type (Global Warming Potential)    |                        | R32 (1675)                 | R32 (1675)                 | R32 (1675)                 |
| Charge                                  |             | kg(CO2eq.)                         |                        | 1.90 (1.28)                | 1.90 (1.28)                | 1.90 (1.28)                |

### Optional parts

|  |           |                                |            |
|--|-----------|--------------------------------|------------|
| Compact Wired Remote Controller:                 | UTY-RERZ1 | External Input and Output PCB: | UTY-XCSX22 |
| Wireless Remote Controller:                      | UTY-RWRZ3 | Communication Kit:             | UTY-TWR02Z |
| Simple Remote Controller:                        | UTY-RES   | Wireless LAN Interface:        | UTY-FESX2  |
| Simple Remote Controller without operation mode: | UTY-RES   | Simple Remote Controller:      | UTY-FESX2  |
| Simple Remote Controller:                        | UTY-RS8   | Power Adapter:                 | UTY-WXSY*  |
| External Connect Kit:                            | UTY-XWXZ5 | MODBUS* Converter:             | UTY-WXSY*  |

\*. It can be used only when the wireless LAN interface (UTY-FESX2) is removed.

### Dimensions

(Unit: mm)

