

Wall Mounted Designer Series

High Spec & Design



High energy saving

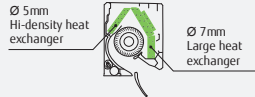
Top class high efficiency is achieved by high efficient lambda heat exchanger, large cross flow fan and new refrigerant.

Rank **A+++**
SEER 8.5⁺
SCOP 5.1⁺
*1: 07, 09, 12 models



Hybrid-heat exchanger

The heat exchange efficiency has been significantly improved with the large hybrid heat exchanger, attaining the top-level SEER and SCOP.



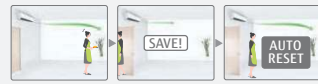
Ø107 Large cross-flow fan

With the large-diameter fan, efficient air volume can be obtained at low power.



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.



Comfortable airflow & Silent operation

The big louver and the new air blowing structure have attained a comfortable air flow that spreads wider to user's feet and silent operation.



Smart device Control (option)

Easy air conditioner control from inside or outside the house and office using the Smartphones, Tablets, and PC.



Wireless LAN Interface
 The exclusive Wireless LAN adaptor enables to operate the air conditioner by smartphone or tablet PC from outside.

Model: ASYG07KGTB / ASYG09KGTB / ASYG12KGTB / ASYG14KGTB



Specifications

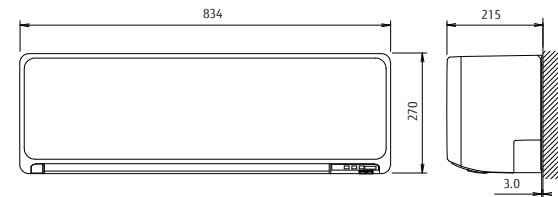
| Model No. | Indoor unit | | ASYG07KGTB | ASYG09KGTB | ASYG12KGTB | ASYG14KGTB |
|---|---------------------------------|-------------------|---------------------------|---------------|---------------|---------------|
| | Outdoor unit | | AOYG07KCCA | AOYG09KCCA | AOYG12KCCA | AOYG14KCCA |
| Power Source | | | Single phase, ~230V, 50Hz | | | |
| Capacity | Cooling | kW | 2.0 (0.9-3.2) | 2.5 (0.9-3.4) | 3.4 (0.9-4.1) | 4.2 (0.9-4.5) |
| | Heating | kW | 2.5 (0.9-5.2) | 2.8 (0.9-5.4) | 4.0 (0.9-6.1) | 5.4 (0.9-6.4) |
| Input Power | Cooling/Heating | kW | 0.400/0.500 | 0.555/0.560 | 0.805/0.910 | 1.175/1.350 |
| | Cooling | W/W | 5.00 | 4.50 | 4.22 | 3.57 |
| EER | Cooling | W/W | 5.00 | 5.00 | 4.40 | 4.00 |
| | Heating | W/W | 2.0/2.3 | 2.5/2.4 | 3.4/2.5 | 4.2/4.0 |
| Pdesign | Cooling/Heating(-10°C) | kW | 8.52 | 8.52 | 8.51 | 7.11 |
| | Cooling | W/W | 5.12 | 5.11 | 5.10 | 4.31 |
| SEER | Cooling | W/W | 5.12 | 5.11 | 5.10 | 4.31 |
| | Heating (Average) | W/W | A+++ | A+++ | A+++ | A++ |
| SCOP | Cooling | W/W | A+++ | A+++ | A+++ | A+ |
| | Heating (Average) | W/W | A+++ | A+++ | A+++ | A+ |
| Max. Operating Current | Cooling/Heating | A | 6.5/9.0 | 6.5/9.0 | 6.5/9.0 | 9.0/10.5 |
| | Cooling | A | 82 | 103 | 140 | 207 |
| Annual Energy Consumption | Cooling | kWh/a | 628 | 658 | 685 | 1,298 |
| | Heating | kWh/a | 1.0 | 1.3 | 1.8 | 2.1 |
| Moisture Removal | Indoor (Cooling) | H/M/L/Q | 38/33/29/19 | 40/34/29/19 | 40/35/30/19 | 43/36/30/24 |
| | Indoor (Heating) | H/M/L/Q | 41/35/31/21 | 42/36/31/21 | 42/38/33/21 | 44/39/33/24 |
| Sound Pressure Level | Outdoor (Cooling/Heating) | High | 46/46 | 46/48 | 50/50 | 50/50 |
| | Indoor (Cooling/Heating) | High | 54/25 | 55/27 | 56/28 | 57/29 |
| Sound Power Level | Outdoor (Cooling/Heating) | High | 61/62 | 61/63 | 65/66 | 65/66 |
| | Indoor / Outdoor (Cooling) | High | 65/0/1,610 | 70/0/1,610 | 70/0/1,680 | 77/0/1,680 |
| Airflow Rate | Indoor / Outdoor (Heating) | High | 720/1,560 | 750/1,610 | 770/1,580 | 800/1,580 |
| | Indoor | mm | 270-834-215 | 270-834-215 | 270-834-215 | 270-834-215 |
| Net Dimensions H x W x D | Indoor | mm | 542-799-290 | 542-799-290 | 542-799-290 | 542-799-290 |
| | Outdoor | kg(lbs) | 10 (22) | 10 (22) | 10 (22) | 10 (22) |
| Weight | Indoor | kg(lbs) | 30 (66) | 30 (66) | 31 (68) | 32 (71) |
| | Outdoor | mm | 6.35/9.52 | | | |
| Connection Pipe Diameter (Liquid / Gas) | mm | 11.8/15.0 to 16.8 | | | | |
| Drain hose Diameter (I.D./O.D.) | m | 20 (15) | | | | |
| Max Pipe Length (Pre-Charge) | m | 15 | | | | |
| Max Height Difference | °CDB | -10 to 46 | | | | |
| Operation Range | Cooling | °CDB | -15 to 24 | | | |
| | Heating | °CDB | R32 (675) | | | |
| Refrigerant | Type (Global Warming Potential) | kg(CO2eq-1) | 0.75 (0.506) | 0.75 (0.506) | 0.85 (0.574) | 0.85 (0.574) |
| | Charge | | | | | |

Optional parts

| | | | | | |
|--|------------|--------------------------------|------------|--|-----------|
| Compact Wired Remote Controller: | UTY-RCRY21 | Wireless LAN Interface: | UTY-IF5XW1 | Network Converter for single split (DC power supply type): | UTY-VTGX |
| Wired Remote Controller (Touch Panel): | UTY-4NRV23 | Communication Kit: | UTY-TWRX22 | Network Converter for single split (AC power supply type): | UTY-VTGXV |
| Wired Remote Controller: | UTY-RLRY | KNX* Converter: | UTY-VK5X | | |
| Simple Remote Controller (Without operation mode): | UTY-RLRY | MODBUS* Converter: | UTY-VMSX | | |
| Simple Remote Controller: | UTY-RSRY | External input and output PCB: | UTY-XCSX22 | | |
| External Switch Controller: | UTY-TERX | External Connect Kit: | UTY-XW2X | | |

Dimensions

(Unit : mm)



SPLIT

NEW

Wall Mounted Standard Series

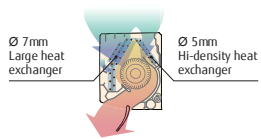
High Efficiency & Comfort



Slim & stylish square design

Slim and stylish square design is realized by high density multi-path heat exchanger and high efficiency wind blower.

Hybrid-heat exchanger



High energy saving

Top class high efficiency is achieved by high efficient lambda heat exchanger, large cross flow fan and new refrigerant.



SEER ^{*1} 7.4 SCOP ^{*2} 4.4

^{*1}: 07/09 models ^{*2}: 12 model

Comfortable airflow & Silent operation

The big louver and the new air blowing structure have attained a comfortable air flow that spreads wider to user's feet and silent operation.



Smart device Control (option)

Easy air conditioner control from inside or outside the house and office using the Smartphones, Tablets, and PC.



Wireless LAN Interface
The exclusive Wireless LAN adaptor enables to operate the air conditioner by smartphone or tablet PC from outside.

Model: ASYG07KMCC / ASYG09KMCC / ASYG12KMCC / ASYG14KMCC



Specifications

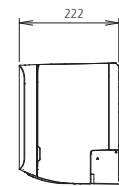
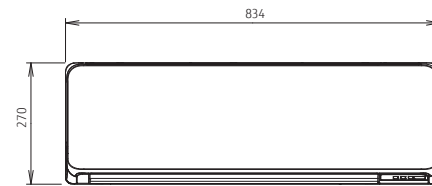
| Model No. | Indoor unit | | ASYG07KMCC | ASYG09KMCC | ASYG12KMCC | ASYG14KMCC |
|---|---------------------------------|-------------------|------------|-------------------|-------------------|-------------------|
| | Outdoor unit | | AOYG07KMCC | AOYG09KMCC | AOYG12KMCC | AOYG14KMCC |
| Power Source | Single phase, ~230V, 50Hz | | | | | |
| Capacity | Cooling | kW | | 2.0 (0.9-3.0) | 2.5 (0.9-3.2) | 3.4 (0.9-4.4) |
| | Heating | kW | | 2.5 (0.9-3.4) | 2.8 (0.9-4.0) | 4.0 (0.9-5.3) |
| Input Power | Cooling/Heating | kW | | 0.45/0.555 | 0.63/0.670 | 0.935/0.960 |
| | Cooling | kW | | 4.43 | 3.97 | 3.65 |
| EER | Cooling | W/W | | 4.52 | 4.52 | 4.17 |
| | Heating | W/W | | 2.0/2.3 | 2.9/2.4 | 3.4/2.5 |
| Pdesign | Cooling/Heating(-10°C) | kW | | 7.40 | 7.40 | 7.30 |
| | Cooling | W/W | | 4.10 | 4.10 | 4.40 |
| SEER | Cooling | W/W | | 4.10 | 4.10 | 4.40 |
| | Heating (Average) | W/W | | 4.10 | 4.10 | 4.10 |
| SCOP | Cooling | W/W | | A++ | A++ | A++ |
| | Heating (Average) | W/W | | A+ | A+ | A+ |
| Max. Operating Current | Cooling/Heating | A | | 6.5/9.0 | 6.5/9.0 | 6.5/9.0 |
| | Cooling | A | | 95 | 118 | 163 |
| Annual Energy Consumption | Cooling | kWh/a | | 785 | 819 | 795 |
| | Heating | kWh/a | | 1.0 | 1.3 | 2.1 |
| Moisture Removal | Indoor (Cooling) | l/h | | 38/33/29/20 | 40/34/29/20 | 40/35/30/20 |
| | Indoor (Heating) | l/h | | 41/35/31/22 | 42/36/31/22 | 42/38/33/22 |
| Sound Pressure Level | Indoor (Cooling/Heating) | dB(A) | | 46/46 | 46/46 | 50/50 |
| | Outdoor (Cooling/Heating) | dB(A) | | 54/56 | 55/57 | 57/58 |
| Sound Power Level | Indoor (Cooling/Heating) | dB(A) | | 61/61 | 61/62 | 65/65 |
| | Outdoor (Cooling/Heating) | dB(A) | | 65/61 | 65/62 | 65/65 |
| Airflow Rate | Indoor / Outdoor (Cooling) | m ³ /h | | 720/1,650 | 700/1,650 | 700/1,700 |
| | Indoor / Outdoor (Heating) | m ³ /h | | 720/1,450 | 750/1,450 | 780/1,470 |
| Net Dimensions H x W x D | Indoor | mm | | 270-834-222 | 270-834-222 | 270-834-222 |
| | Outdoor | mm | | 541-663-290 | 541-663-290 | 542-799-290 |
| Weight | Indoor | kg(lbs) | | 10 (22) | 10 (22) | 10 (22) |
| | Outdoor | kg(lbs) | | 22 (49) | 22 (49) | 24 (53) |
| Connection Pipe Diameter (Liquid / Gas) | Indoor | mm | | 6.35/9.52 | 6.35/9.52 | 6.35/9.52 |
| | Outdoor | mm | | 11.8/15.0 to 16.8 | 11.8/15.0 to 16.8 | 11.8/15.0 to 16.8 |
| Max Pipe Length (Pre-Charge) | Cooling | m | | 20 (15) | 20 (15) | 20 (15) |
| | Heating | m | | 15 | 15 | 15 |
| Operation 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) | kg(CO2eq-1) | | R32 (675) | R32 (675) | R32 (675) |
| | Charge | kg(CO2eq-1) | | 0.6 (0.405) | 0.6 (0.405) | 0.7 (0.473) |

Optional parts

Wired Remote Controller: UTY-RNNYM KNX® Converter: UTY-VKX
 UTY-RVNYM MODBUS® Converter: UTY-VMSX
 Simple Remote Controller: UTY-RSNYM External Switch Controller: UTY-TERX
 External connect kit: UTY-XWZK25 Network Converter for single split (DC power supply type): UTY-TERG
 Communication kit: UTY-TWBXF2 Network Converter for single split (AC power supply type): UTY-VTGW
 Wireless LAN Interface: UTY-IFSKW1

Dimensions

(Unit : mm)



Wall Mounted Standard Series High Efficiency & Large Room

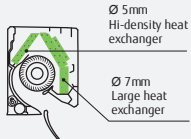


High energy saving

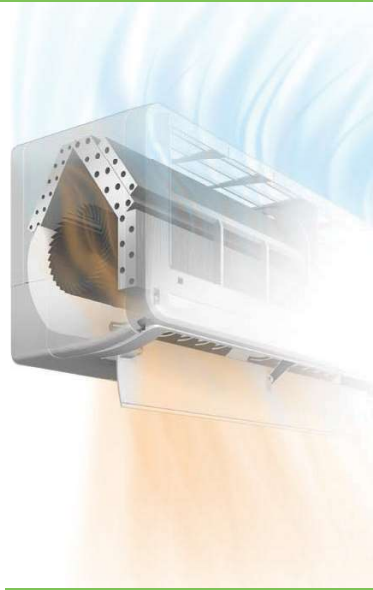
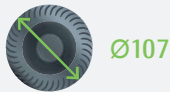
Top class high efficiency is achieved by high efficient lambda heat exchanger, large cross flow fan and new refrigerant.



Hybrid-heat exchanger
The heat exchange efficiency has been significantly improved with the large hybrid heat exchanger, attaining the top-level SEER and SCOP.

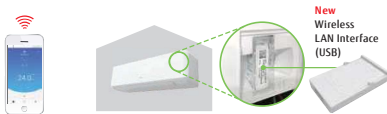


Ø107 Large cross-flow fan
With the large-diameter fan, efficient air volume can be obtained at low power.

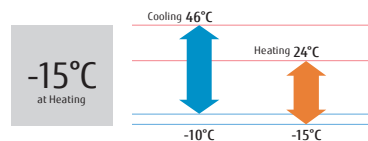


Smart device Control (Option)

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.



Low ambient operation



Model: ASYG18KMTA / ASYG24KMTA



Specifications

| Model No. | Indoor unit | | ASYG18KMTA | | ASYG24KMTA | |
|---|---------------------------------|-------------|-------------------|--------------|-------------------|---------------|
| | Outdoor unit | | AOYG18KMTA | | AOYG24KMTA | |
| Power Source | Single phase, ~230V, 50Hz | | | | | |
| Capacity | Cooling | kW | | 5.2(0.9-6.0) | | 7.1(0.9-8.3) |
| | Heating | kW | | 6.3(0.9-8.7) | | 8.0(0.9-10.1) |
| Input Power | Cooling/Heating | kW | | 1.39/1.56 | | 2.08/1.91 |
| | Cooling | W/W | | 3.74 | | 3.41 |
| EER | Cooling | W/W | | 4.04 | | 4.19 |
| | Heating | W/W | | 5.2/4.8 | | 7.1/7.1 |
| Pdesign | Cooling/Heating(-10°C) | kW | | 7.77 | | 7.28 |
| | Cooling | W/W | | 4.56 | | 4.18 |
| SEER | Cooling | W/W | | A+ | | A+ |
| | Heating (Average) | W/W | | A+ | | A+ |
| SCOP | Cooling | W/W | | 9.5/13.5 | | 13.5/16.0 |
| | Heating (Average) | W/W | | 234 | | 341 |
| Max. Operating Current | Cooling/Heating | A | | 1.472 | | 2.372 |
| | Cooling | A | | 1.7 | | 2.7 |
| Annual Energy Consumption | Cooling | kWh/a | | 45.4/0.35/29 | | 49.4/0.35/29 |
| | Heating | kWh/a | | 46.4/0.35/29 | | 49.4/0.35/29 |
| Moisture Removal | Indoor (Cooling) | H/M/L/O | 45.4/0.35/29 | | 49.4/0.35/29 | |
| | Indoor (Heating) | H/M/L/O | 46.4/0.35/29 | | 49.4/0.35/29 | |
| Sound Pressure Level | Outdoor(Cooling/Heating) | High | 50/50 | | 54/52 | |
| | Indoor(Cooling/Heating) | High | 60/61 | | 63/65 | |
| Sound Power Level | Indoor(Cooling/Heating) | High | 65/65 | | 67/66 | |
| | Indoor / Outdoor (Cooling) | High | 980/2,350 | | 1,170/3,240 | |
| Airflow Rate | Indoor / Outdoor (Heating) | High | 1,020/2,100 | | 1,170/2,820 | |
| | Indoor | mm | 280 × 980 × 240 | | 280 × 980 × 240 | |
| Net Dimensions H x W x D | Outdoor | mm | 632 × 799 × 290 | | 716 × 820 × 315 | |
| | Indoor | kg(lbs) | 12.5(28) | | 12.5(28) | |
| Weight | Outdoor | kg(lbs) | 36(79) | | 42(93) | |
| | Indoor | mm | 6.35 / 12.70 | | 6.35 / 12.70 | |
| Connection Pipe Diameter (Liquid / Gas) | Indoor | mm | 13.8/15.8 to 16.7 | | 13.8/15.8 to 16.7 | |
| | Outdoor | mm | 25(15) | | 30(15) | |
| Drain Hose Diameter (I.D./O.D.) | Cooling | °CDB | -10 to 46 | | -10 to 46 | |
| | Heating | °CDB | -15 to 24 | | -15 to 24 | |
| Max Pipe Length (Pre-Change) | Type (Global Warming Potential) | R32 (675) | | R32 (675) | | |
| | Charge | kg(CO2eq-T) | | 1.02(0.689) | | |
| Max Height Difference | Charge | kg(CO2eq-T) | | 1.32(0.891) | | |
| | Charge | kg(CO2eq-T) | | 1.32(0.891) | | |

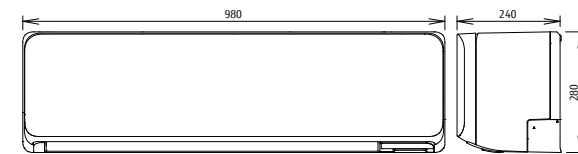
Optional parts

| | | | | | |
|--|------------|--------------------------------|------------|--|------------|
| Compact Wired Remote Controller: | UTY-RCRY21 | Communication Kit: | UTY-TWRX22 | Network Converter for single split (DC power supply type): | UTY-VTGX |
| Wired Remote Controller (Touch Panel): | UTY-RNRY23 | External input and output PCB: | UTY-XCSX25 | Network Converter for single split (AC power supply type): | UTY-VTGXV |
| Wired Remote Controller: | UTY-RLRY | External Connect Kit: | UTY-XWXZ25 | KNX* Converter: | UTY-VKXSK* |
| Simple Remote Controller (Without operation mode): | UTY-RHRY | Wireless LAN Interface: | UTY-TFSXF2 | MODBUS* Converter: | UTY-VMSX* |
| Simple Remote Controller: | UTY-RSRY | External Switch Controller: | UTY-TERX | | |

*: It can be used only when the wireless LAN interface (UTY-TFSXF2) is removed.

Dimensions

(Unit : mm)



SPLIT

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.



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

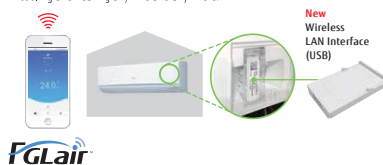
R32 refrigerant is highly environmentally friendly for the reduction of the global warming potential than other refrigerant currently available on the market.



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: ASYG30KMTA / ASYG36KMTA



Wireless R.C.



Specifications

| Model No. | Indoor unit | | ASYG30KMTA | | ASYG36KMTA | |
|---|---------------------------------|-------------|-------------------|--|-------------------|--|
| | Outdoor unit | | AOYG30KMTA | | AOYG36KMTA | |
| Power Source | Single phase, ~230V, 50Hz | | | | | |
| Capacity | Cooling | kW | 8.0 (2.9-9.0) | | 9.4 (2.9-10.0) | |
| | Heating | kW | 8.8 (2.2-11.0) | | 10.1 (2.7-11.2) | |
| Input Power | Cooling/Heating | kW | 2.33/2.20 | | 3.16/2.73 | |
| | Cooling | kW | 3.43 | | 2.97 | |
| EER | Cooling | W/W | 4.00 | | 3.70 | |
| | Heating | W/W | 4.00 | | 3.70 | |
| CDP | Cooling/Heating(-10°C) | kW | 8.0/6.5 | | 9.4/7.1 | |
| SEER | Cooling | W/W | 6.67 | | 6.14 | |
| | Heating (Average) | W/W | 4.54 | | 4.52 | |
| SCOP | Cooling | W/W | A++ | | A++ | |
| | Heating (Average) | W/W | A+ | | A+ | |
| Max. Operating Current | Cooling/Heating | A | 21.0/21.0 | | 21.5/21.5 | |
| Annual Energy Consumption | Cooling | kWh/a | 419 | | 535 | |
| | Heating | kWh/a | 2,001 | | 2,198 | |
| Moisture Removal | Cooling | l/h | 2.6 | | 3.8 | |
| | Heating | l/h | 2.6 | | 3.8 | |
| Sound Pressure Level | Indoor (Cooling) | H/M/L/O | 50/44/40/33 | | 50/44/40/33 | |
| | Indoor (Heating) | H/M/L/O | 49/44/39/33 | | 49/44/39/33 | |
| Sound Power Level | Indoor (Cooling/Heating) | High | 53/55 | | 53/55 | |
| | Outdoor (Cooling/Heating) | High | 65/65 | | 65/65 | |
| Airflow Rate | Indoor / Outdoor (Cooling) | High | 1,330/3,750 | | 1,330/3,750 | |
| | Indoor / Outdoor (Heating) | High | 1,330/3,750 | | 1,330/3,750 | |
| Net Dimensions H x W x D | Indoor | mm | 340x1,150x280 | | 340x1,150x280 | |
| | Outdoor | mm | 788x940x320 | | 788x940x320 | |
| Weight | Indoor | kg(lbs) | 18.5(41) | | 18.5(41) | |
| | Outdoor | kg(lbs) | 52.0(115) | | 52.0(115) | |
| Connection Pipe Diameter (Liquid / Gas) | | mm | 9.52/15.88 | | 9.52/15.88 | |
| Drain hose Diameter (I.D./O.D.) | | mm | 13.8/15.8 to 16.7 | | 13.8/15.8 to 16.7 | |
| Max Pipe Length (Pre-Charge) | | m | 50(30) | | 50(30) | |
| Max Height Difference | | m | 30 | | 30 | |
| Operation Range | Cooling | °CDB | -15to46 | | -15to46 | |
| | Heating | °CDB | -15to24 | | -15to24 | |
| Refrigerant | Type (Global Warming Potential) | | R32(675) | | R32(675) | |
| | Charge | kg(CO2eq-T) | 1.90(1.283) | | 1.90(1.283) | |

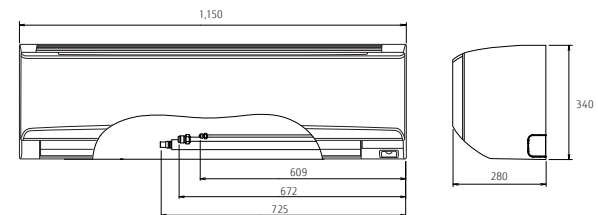
Optional parts

| | | | | | |
|--|------------|--------------------------------|-------------|--|----------|
| Compact Wired Remote Controller: | UTY-RCRY21 | External Input and Output PCB: | UTY-ACSSX22 | Network Converter for single split (DC power supply type): | UTY-VTGX |
| Wired Remote Controller (Touch Panel): | UTY-ANRY23 | Communication Kit: | UTY-WRXZ2 | Network Converter for single split (AC power supply type): | UTY-VTGV |
| Wireless Remote Controller: | UTY-RLRY | Wireless LAN Interface: | UTY-TFSXF2 | | |
| Simple Remote Controller (Without operation mode): | UTY-RLRY | External Switch Controller: | UTY-TERX | | |
| Simple Remote Controller: | UTY-RSRY | KNX* Converter: | UTY-VKSX* | | |
| External Connect Kit: | UTY-XWZX25 | MODBUS* Converter: | UTY-VMSX* | | |

*: It can be used only when the wireless LAN interface (UTY-TFSXF2) is removed.

Dimensions

(Unit : mm)



Wall Mounted ECO Series Compact & Comfort



Model: ASYG07KPCA / ASYG09KPCA / ASYG12KPCA



Wireless R.C.



Specifications

| Model No. | Indoor unit | | ASYG07KPCA | ASYG09KPCA | ASYG12KPCA |
|---|---------------------------------|-------------|--------------------------|-------------------|-------------------|
| | Outdoor unit | | AOYG07KPCA | AOYG09KPCA | AOYG12KPCA |
| Power Source | | | Single phase ~230V, 50Hz | | |
| Capacity | Cooling | kW | 2.0 (0.9-2.8) | 2.5 (0.9-3.0) | 3.4 (0.9-3.7) |
| | Heating | kW | 2.5 (0.9-3.4) | 2.8 (0.9-3.8) | 3.8 (0.9-4.8) |
| Input Power | Cooling/Heating | kW | 0.48/0.63 | 0.71/0.79 | 1.00/1.14 |
| | Cooling | W/W | 4.17 | 3.52 | 3.40 |
| EER | Cooling | W/W | 3.97 | 3.54 | 3.33 |
| | Heating | W/W | 2.0/2.2 | 2.5/2.4 | 3.4/2.5 |
| SEER | Cooling | W/W | 6.70 | 6.70 | 6.30 |
| | Heating (Average) | W/W | 4.00 | 4.00 | 4.10 |
| SCOP | Cooling | | A++ | A++ | A++ |
| | Heating (Average) | | A- | A- | A- |
| Max. Operating Current | Cooling/Heating | A | 6.5/9.0 | 6.5/9.0 | 6.5/9.0 |
| | Cooling | kWh/a | 104 | 131 | 189 |
| Annual Energy Consumption | Heating | kWh/a | 769 | 840 | 853 |
| | Moisture Removal | l/h | 1.0 | 1.3 | 1.8 |
| Sound Pressure Level | Indoor (Cooling) | H/M/L/O | 45/38/31/22 | 45/38/31/22 | 46/40/35/22 |
| | Indoor (Heating) | H/M/L/O | 45/40/36/26 | 45/40/36/26 | 46/40/35/27 |
| Sound Power Level | Outdoor (Cooling/Heating) | High | 45/46 | 47/47 | 49/51 |
| | Indoor (Cooling/Heating) | High | 57/58 | 58/59 | 59/59 |
| Airflow Rate | Indoor / Outdoor (Cooling) | High | 57/59 | 59/59 | 62/62 |
| | Indoor / Outdoor (Heating) | High | 580/1.650 | 580/1.650 | 630/1.700 |
| Net Dimensions | Indoor | mm | 580/1.450 | 580/1.450 | 630/1.470 |
| | H x W x D | mm | 270x784x224 | 270x784x224 | 270x784x224 |
| Weight | Indoor | kg(lbs) | 541x663x290 | 541x663x290 | 541x663x290 |
| | Outdoor | kg(lbs) | 8(18) | 8(18) | 8(18) |
| Connection Pipe Diameter (Liquid / Gas) | Indoor | mm | 23 (51) | 23 (51) | 25 (55) |
| | Outdoor | mm | 6.35/9.52 | 6.35/9.52 | 6.35/9.52 |
| Drain hose Diameter (I.D./O.D.) | Indoor | mm | 11.8/15.0 to 16.8 | 11.8/15.0 to 16.8 | 11.8/15.0 to 16.8 |
| | Max Pipe Length (Pre-Charge) | m | 20 (15) | 20 (15) | 20 (15) |
| Max Height Difference | Cooling | °CDB | 15 | 15 | 15 |
| | Heating | °CDB | -10 to 46 | -10 to 46 | -10 to 46 |
| Refrigerant | Type (Global Warming Potential) | | R32 (675) | R32 (675) | R32 (675) |
| | Charge | kg(CO2eq-1) | 0.55 (0.371) | 0.55 (0.371) | 0.59 (0.398) |

Slim & stylish square design

Slim and stylish square design is realized by high density multi-path heat exchanger and high efficiency wind blower.



High energy saving

Top class high efficiency is achieved by high efficient lamda heat exchanger, large cross flow fan and new refrigerant.



Comfortable airflow & Silent operation

The big louver and the new air blowing structure have attained a comfortable air flow that spreads wider to user's feet and silent operation.

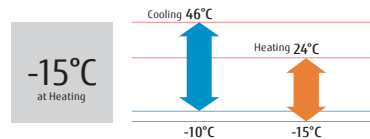


Smart device Control (Option)

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.



Low ambient operation

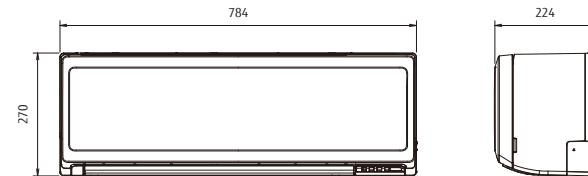


Optional parts

Wireless LAN Interface: UTY-TFSXF2
Remote Controller Holder Kit: UTZ-RXLA

Dimensions

(Unit : mm)



Wall Mounted ECO Series Comfort for Large Room



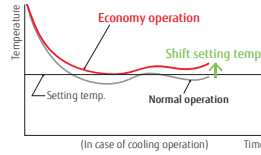
Narrow width & Compact Design

High performance and compact design model. Powerful airflow is realized despite 790 mm width compact design for compact spaces such as bed room or home office.



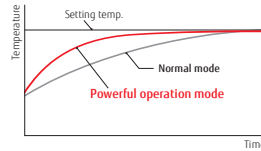
Economy operation

Setting temperature is shifted by 1°C automatically. Thermostat setting automatically changes according to the temperature to avoid unnecessary cooling and heating.



Powerful operation

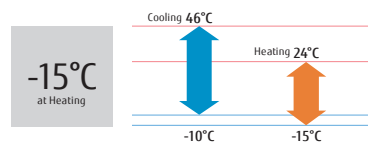
20 minutes continuous operation by maximum airflow and maximum compressor speed is possible. Rapid cooling and heating makes the room comfortable quickly.



ON-OFF Programmable timer

You can set an integrated ON-OFF or OFF-ON timer suitable for your life style. (Setting time: 0.5, 1, 1.5, 2, 2.5, -----9.5, 10, 11, 12 hours)

Low ambient operation



Model: ASYG18KLCA / ASYG24KLCA



Wireless R.C.



For ASYG18KLCA

For ASYG24KLCA

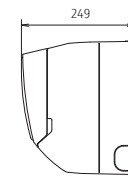
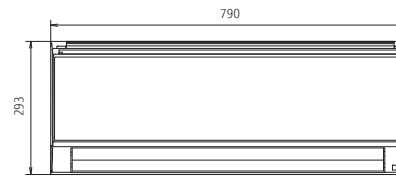
Specifications

| Model No. | Indoor unit | | ASYG18KLCA | | ASYG24KLCA | |
|---|---------------------------------|-------------------|--------------|-------------------|--------------|--|
| | Outdoor unit | | AOYG18KLCA | | AOYG24KLCA | |
| Power Source | Single phase, ~230V, 50Hz | | | | | |
| Capacity | Cooling | kW | 5.2(0.9-5.3) | | 7.1(0.9-7.7) | |
| | Heating | kW | 6.3(0.6-7.6) | | 8.0(0.9-9.0) | |
| Input Power | Cooling/Heating | kW | 1.685/1.80 | | 2.42/2.225 | |
| | Cooling | W/W | 3.09 | | 2.93 | |
| EER | Cooling | W/W | 3.50 | | 3.60 | |
| | Heating | W/W | 3.50 | | 3.60 | |
| Pdesign | Cooling/Heating(-10°C) | kW | 5.20/4.80 | | 7.10/7.10 | |
| SEER | Cooling | W/W | 7.20 | | 7.10 | |
| | Heating (Average) | W/W | 4.30 | | 4.00 | |
| SCOP | Cooling | W/W | A++ | | A++ | |
| | Heating (Average) | W/W | A+ | | A+ | |
| Max. Operating Current | Cooling/Heating | A | 9.5/13.5 | | 13.5/17.5 | |
| | Cooling | kWh/a | 253 | | 350 | |
| Annual Energy Consumption | Heating | kWh/a | 1563 | | 2485 | |
| | Moisture Removal | l/h | 1.9 | | 3.1 | |
| Sound Pressure Level | Indoor (Cooling) | H/M/L/Q | 47/44/40/35 | | 51/45/38/33 | |
| | Indoor (Heating) | H/M/L/Q | 50/45/41/37 | | 57/45/41/37 | |
| Sound Power Level | Outdoor (Cooling/Heating) | High | 50/56 | | 55/57 | |
| | Indoor (Cooling/Heating) | High | 60/65 | | 64/65 | |
| Airflow Rate | Indoor / Outdoor (Cooling) | High | 865/1,830 | | 1,040/2,885 | |
| | Indoor / Outdoor (Heating) | High | 995/2,265 | | 1,040/3,030 | |
| Net Dimensions H x W x D | Indoor | mm | 293*790*249 | | 293*790*249 | |
| | Outdoor | mm | 542*799*290 | | 632*799*290 | |
| Weight | Indoor | kg(lbs) | 9.5 (21) | | 10.0 (22) | |
| | Outdoor | kg(lbs) | 33 (73) | | 38 (84) | |
| Connection Pipe Diameter (Liquid / Gas) | mm | 6.35/9.52 | | 6.35/12.70 | | |
| Drain hose Diameter (I.D./O.D.) | mm | 13.8/15.8 to 16.7 | | 13.8/15.8 to 16.7 | | |
| Max Pipe Length (Pre-Charge) | m | 25 (15) | | 30 (15) | | |
| Max Height Difference | m | 20 | | 25 | | |
| Operation Range | Cooling | °CDB | -10 to 46 | | -10 to 46 | |
| | Heating | °CDB | -15 to 24 | | -15 to 24 | |
| Refrigerant | Type (Global Warming Potential) | | R32(675) | | R32(675) | |
| | Charge | kg(CO2eq-1) | 0.85(0.574) | | 1.10(0.743) | |

Optional parts

Dimensions

(Unit : mm)



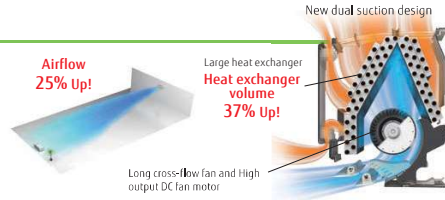
Wall Mounted Standard Series

Comfort for Large Room



Large Capacity & Powerful airflow

Achieved large capacity and powerful airflow by large heat exchanger, long cross-flow fan, high output DC fan motor and new airflow structure design.



Human sensor

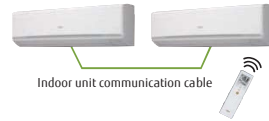
Human sensor catches movements of people in a room, and operates with lower capacity when people leave the room. When people come back to the room, it automatically returns to previous operating mode.



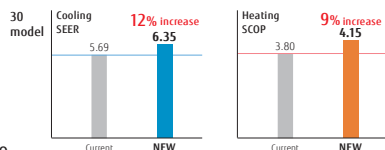
Server room function*

The following interlock operation is possible by connecting 2 indoor units with a cable. Cooling operation can be performed even in the low outdoor temperature and low humidity environment.

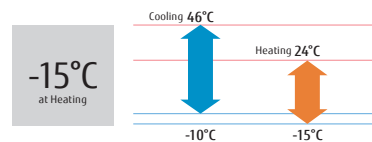
- **Alternative operation:** Two units operate alternately.
- **Backup operation:** When 1 unit breaks down, the other unit starts operating automatically.
- **Supporting operation:** Both units operate simultaneously when the loaded capacity is not enough with one unit.



High seasonal energy efficiency



Low ambient operation



Model: ASYG30LMTA / ASYG36LMTA



Specifications

| Model No. | Indoor unit | | ASYG30LMTA | | ASYG36LMTA | |
|---|---------------------------------|-------------|------------|-------------------|-------------------|--|
| | Outdoor unit | | AOYG30LMTA | | AOYG36LMTA | |
| Power Source | Single phase, ~230V, 50Hz | | | | | |
| Capacity | Cooling | kW | | 8.0 (2.9-9.0) | 9.4 (2.9-10.0) | |
| | Heating | kW | | 8.8 (2.2-11.0) | 10.1 (2.7-11.2) | |
| Input Power | Cooling/Heating | kW | | 2.33/2.41 | 3.16/2.96 | |
| | Cooling | W/W | | 3.43 | 2.97 | |
| EER | Cooling | W/W | | 3.65 | 3.41 | |
| | Heating | kW | | 8.0/6.5 | 9.4/7.1 | |
| Pdesign | Cooling/Heating(-10°C) | kW | | 6.35 | 5.73 | |
| SEER | Cooling | W/W | | 4.15 | 4.19 | |
| | Heating (Average) | W/W | | A+ | A+ | |
| SCOP | Cooling | W/W | | A+ | A+ | |
| | Heating (Average) | W/W | | 14.5/14.5 | 19.0/19.0 | |
| Max. Operating Current | Cooling/Heating | A | | 441 | 575 | |
| | Cooling | kWh/a | | 2.193 | 2.373 | |
| Annual Energy Consumption | Cooling | kWh/a | | 2.193 | 2.373 | |
| | Heating | kWh/a | | 2.193 | 2.373 | |
| Moisture Removal | Cooling | l/h | | 2.7 | 3.7 | |
| | Heating | l/h | | 50/44/38/31 | 50/44/38/31 | |
| Sound Pressure Level | Indoor (Cooling) | H/M/L/G | dB(A) | 49/44/39/33 | 49/44/39/33 | |
| | Indoor (Heating) | H/M/L/G | dB(A) | 52/55 | 55/56 | |
| Sound Power Level | Indoor (Cooling/Heating) | High | dB(A) | 65/65 | 65/65 | |
| | Indoor (Cooling/Heating) | High | dB(A) | 67/68 | 68/70 | |
| Airflow Rate | Indoor / Outdoor (Cooling) | High | m³/h | 1,380/3,600 | 1,380/3,800 | |
| | Indoor / Outdoor (Heating) | High | m³/h | 1,380/3,600 | 1,380/3,800 | |
| Net Dimensions H x W x D | Indoor | mm | mm | 340 x 1,150 x 280 | 340 x 1,150 x 280 | |
| | Outdoor | mm | mm | 830 x 900 x 330 | 830 x 900 x 330 | |
| Weight | Indoor | kg(lbs) | kg(lbs) | 18 (40) | 18 (40) | |
| | Outdoor | kg(lbs) | kg(lbs) | 61 (134) | 61 (134) | |
| Connection Pipe Diameter (Liquid / Gas) | mm | | mm | 9.52/15.88 | 9.52/15.88 | |
| Drain hose Diameter (I.D./O.D.) | mm | | mm | 11.8/15.0 to 16.8 | 11.8/15.0 to 16.8 | |
| Max Pipe Length (Pre-Charge) | m | | m | 50 (20) | 50 (20) | |
| Max Height Difference | m | | m | 30 | 30 | |
| Operation Range | Cooling | °CDB | | -15 to 46 | -15 to 46 | |
| | Heating | °CDB | | -15 to 24 | -15 to 24 | |
| Refrigerant | Type (Global Warming Potential) | kg(CO2eq-1) | | R410A (2,088) | R410A (2,088) | |
| | Charge | kg(CO2eq-1) | | 2.10 (4.385) | 2.10 (4.385) | |

Optional parts

- Compact Wired Remote Controller: UTY-RCRY21
- Wired Remote Controller (Touch Panel): UTY-RNRY23
- Wired Remote Controller: UTY-RLRY
- Wireless Remote Controller: UTY-RNRYM
- Simple Remote Controller: UTY-RSRY
- External Switch Controller: UTY-TERX
- Wireless LAN Interface: UTY-TFNXZ1
- KNX* Converter: UTY-VKXK
- MODBUS* Converter: UTY-VKSK
- MODBUS* Interface: UTY-RHRY
- MODBUS* Interface: UTY-RSRY
- KNX* Interface: UTY-RKXN-1i
- Network Converter for single split (DC power supply type): UTY-VTGX
- Network Converter for single split (AC power supply type): UTY-VTGXV
- External input and output PCB: UTY-XCSXZ1
- External input and output PCB Box: UTZ-GXXB
- External Connect Kit: UTY-XWZX
- Communication Kit: UTY-TWRX

Dimensions

(Unit : mm)

