

# Split Air Conditioner

New Product Release!

KG Series : small size

ASYG07KGTA / ASYG09KGTA /  
ASYG12KGTA / ASYG14KGTA



FUJITSU GENERAL LIMITED

# Designer Range High Spec & Design

KG Series



## 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.

## Energy Efficiency Classifications



SEER  
8.5

\*1: 07, 09, 12 class

SCOP  
5.1

\*1

## Hybrid-heat exchanger

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

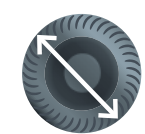
φ 5 mm  
Hi-density heat exchanger



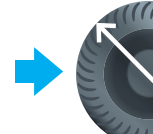
φ 7 mm  
Large heat exchanger

## φ107 Large cross-flow fan

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



φ95



φ107

## Human sensor



Human sensor

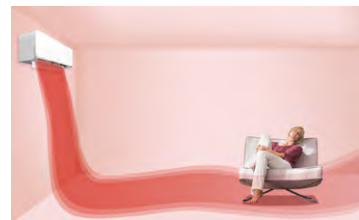
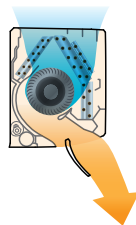
Human sensor catches movements of people in a room, and operates with lower capacity when people leave the room. When people come back to the room, it automatically returns to previous operating mode.



## More Comfort

### 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.



19dB(A)  
(07/09/12)

Only cooling  
14 model is 20dB(A)

## Smartphone Control (Option)

Easy air conditioner control from inside or outside the house and office using the Smartphones, Tablets, and PC.  
(Supplied loose as standard for site installation).

### Wireless LAN Interface

The exclusive Wi-Fi adaptor enables to operate the air conditioner by smartphone or tablet PC from outside.



## Optional parts

|                               |                        |
|-------------------------------|------------------------|
| Wired Remote Controller       | : UTY-RNRYZ2, UTY-RLRY |
| External input and output PCB | : UTY-XCSXZ2           |
| Communication kit             | : UTY-TWRXZ2           |
| Wireless LAN Interface        | : UTY-TFSXW1           |

## Feature explanation

|                                                                                          |                     |                                                                                             |                     |                                                                                             |                     |
|------------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------------|---------------------|
|  Save    | Save human sensor   |  Auto      | Auto-changeover     |  Sleep     | Sleep timer         |
|  Economy | Economy mode        |  Up/Down   | Up/down swing flaps |  Program   | Program timer       |
|  Adjust  | Automatic fan speed |  Powerful  | Powerful mode       |  Weekly    | Weekly timer        |
|  Restart | Auto restart        |  Low Noise | Low noise mode      |  10°C HEAT | 10°C HEAT operation |

## Low GWP For Refrigerant

It has a lower global warming potential of one-third than that of R410A, which is used for conventional air conditioners. It is a becoming-popular new refrigerant.

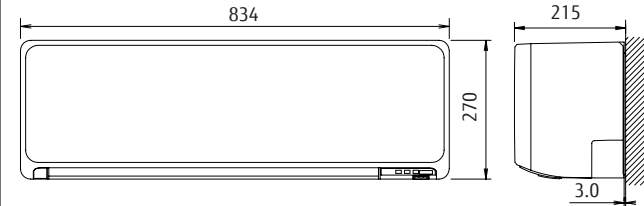
\*: GWP = global warming potential

REFRIGERANT  
R32



## Dimensions

Indoor unit : ASYG07KGTA / ASYG09KGTA / ASYG12KGTA / ASYG14KGTA (Unit : mm)



## Specifications

| Model No.                               | Indoor unit<br>Outdoor unit     |             | ASYG07KGTA                             | ASYG09KGTA        | ASYG12KGTA        | ASYG14KGTA        |                   |
|-----------------------------------------|---------------------------------|-------------|----------------------------------------|-------------------|-------------------|-------------------|-------------------|
|                                         |                                 |             | AOYG07KGCA                             | AOYG09KGCA        | AOYG12KGCA        | AOYG14KGCA        |                   |
| Power Source                            |                                 |             | Single-phase, ~230V, 50Hz              |                   |                   |                   |                   |
| Capacity                                | Cooling                         | kW          | 2.0                                    | 2.5               | 3.4               | 4.2               |                   |
|                                         | Heating                         |             | 2.5                                    | 2.8               | 4.0               | 5.4               |                   |
| Input Power                             | Cooling / Heating               | kW          | 0.400 / 0.500                          | 0.555 / 0.560     | 0.805 / 0.910     | 1.175 / 1.350     |                   |
| EER                                     | Cooling                         | W/W         | 5.00                                   | 4.50              | 4.22              | 3.57              |                   |
| COP                                     | Heating                         |             | 5.00                                   | 5.00              | 4.40              | 4.00              |                   |
| Pdesign                                 | Cooling / Heating (-10°C)       | kW          | 2.0 / 2.3                              | 2.5 / 2.4         | 3.4 / 2.5         | 4.2 / 4.0         |                   |
| SEER                                    | Cooling                         | W/W         | 8.52                                   | 8.52              | 8.51              | 7.11              |                   |
| SCOP                                    | Heating (Average)               |             | 5.12                                   | 5.11              | 5.10              | 4.31              |                   |
| Energy Efficiency Class                 | Cooling                         |             | A+++                                   | A+++              | A+++              | A++               |                   |
|                                         | Heating (Average)               |             | 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        |                   |
| Annual Energy                           | Cooling                         | kWh/a       | 82                                     | 103               | 140               | 207               |                   |
| Consumption                             | Heating                         |             | 628                                    | 658               | 685               | 1298              |                   |
| Moisture Removal                        |                                 | l/h         | 1.0                                    | 1.3               | 1.8               | 2.1               |                   |
| Sound Pressure Level                    | Indoor (Cooling)                | H/M/L/Q     | dB(A)                                  | 38 / 33 / 29 / 19 | 40 / 34 / 29 / 19 | 40 / 35 / 30 / 19 | 43 / 36 / 30 / 20 |
|                                         | Indoor (Heating)                | H/M/L/Q     |                                        | 41 / 35 / 31 / 21 | 42 / 36 / 31 / 21 | 42 / 38 / 33 / 21 | 44 / 39 / 33 / 24 |
|                                         | Outdoor(Cooling/Heating)        | High        |                                        | 46 / 46           | 46 / 48           | 50 / 50           | 50 / 50           |
| Sound Power Level                       | Indoor(Cooling/Heating)         | High        | 54 / 56                                | 55 / 57           | 56 / 58           | 57 / 59           |                   |
|                                         | Outdoor(Cooling/Heating)        | High        | 61 / 62                                | 61 / 63           | 65 / 66           | 65 / 66           |                   |
| Airflow Rate (Cooling)                  | Indoor / Outdoor                | High        | m³/h                                   | 650 / 1610        | 700 / 1610        | 700 / 1680        | 770 / 1680        |
| Net Dimensions                          | Indoor                          | mm          | 270×834×215                            |                   |                   |                   |                   |
|                                         |                                 | kg(lbs)     | 10                                     |                   |                   |                   |                   |
| H x W x D                               | Outdoor                         | mm          | 542×799×290                            |                   |                   |                   |                   |
|                                         |                                 | kg(lbs)     | 30                                     | 30                | 31                | 32                |                   |
| Connection Pipe Diameter (Liquid / Gas) |                                 | mm          | 6.35 / 9.52                            |                   |                   |                   |                   |
| Drain hose Diameter (I.D./O.D.)         |                                 |             | φ 13.8(I.D.), φ 15.8 to φ 16.7( O.D. ) |                   |                   |                   |                   |
| Max Pipe Length (Pre-Charge)            |                                 | m           | 20(15)                                 |                   |                   |                   |                   |
| Max Height Difference                   |                                 |             | 15                                     |                   |                   |                   |                   |
| Operation Range                         | Cooling                         | °CDB        | -10 to 46                              |                   |                   |                   |                   |
|                                         | Heating                         |             | -15 to 24                              |                   |                   |                   |                   |
| Refrigerant                             | Type (Global Warming Potential) |             | R32(675)                               |                   |                   |                   |                   |
|                                         | Charge                          | kg(CO2eq-T) | 0.75(0.5)                              | 0.75(0.5)         | 0.85(0.6)         | 0.85(0.6)         |                   |

Model: ASYG07KGTA / ASYG09KGTA /  
ASYG12KGTA / ASYG14KGTA



Wireless R.C.



AOYG07 / 09 / 12 / 14KGCA



ISO 9001  
Certified number: 01 100 79269



ISO 14001  
Certified number: CNB311153-UK  
Fujitsu General (Shanghai) Co., Ltd.

\*Specifications and design are subject to change without notice for further improvement.  
\*Actual products' colors may be different from the colors shown in this printed material.

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