

# FUJITSU

AIR CONDITIONING



## Split Air Conditioner

New Product Release!

KG Series : small size

ASYG07KGTA / ASYG09KGTA /  
ASYG12KGTA / ASYG14KGTA



FUJITSU GENERAL AIR CONDITIONING (UK)

# Designer Range High Spec & Design

KG Series



## Slim & stylish design

Slim and stylish square design is made possible by use of the high density multi-path heat exchanger and high efficiency fan and motor.



# High Energy Saving

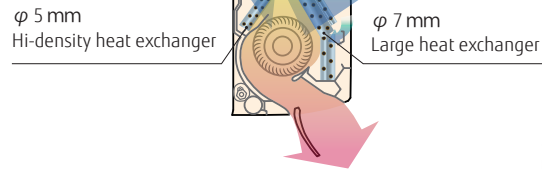
Top class high efficiency is achieved by high efficient lamda heat exchanger, large cross flow fan and new refrigerant.

## Energy Efficiency Classifications



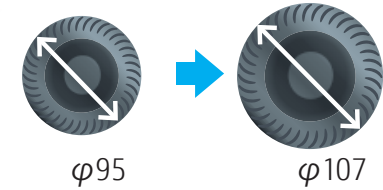
### Hybrid-heat exchanger

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



### $\phi$ 107 Large cross-flow fan

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

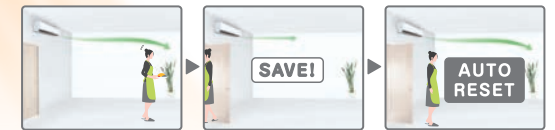


### Human sensor



Human sensor

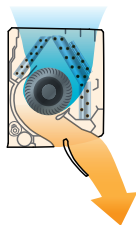
Human sensor detects movements of people in a room, and operates with lower capacity when people leave the room. When people come back to the room, it automatically returns to previous operating mode.



## More Comfort

### Comfortable airflow & Silent operation

The big louvre and the new air path design have attained a comfortable air flow that spreads wider to user's feet and silent operation in heating mode.



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

Cooling mode  
14 model is 20dB(A)

## Wireless LAN Interface (Option)

The exclusive Wi-Fi adaptor enables to operate the air conditioner by smart-phone or tablet PC from a remote location.



## Optional parts

Wired Remote Controller	: UTY-RNRYZ2
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

R32 has a lower global warming potential of one-third than that of R410A, which is used for conventional air conditioners. It is becoming a popular new refrigerant.

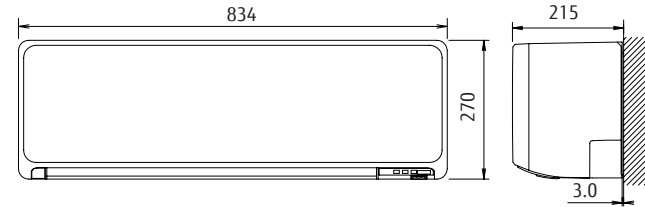
\*: GWP = global warming potential

REFRIGERANT  
**R32**



## Dimensions

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



## Specifications

Model No.	Indoor unit	Outdoor unit	ASYG07KGTA AOYG07KGCA	ASYG09KGTA AOYG09KGCA	ASYG12KGTA AOYG12KGCA	ASYG14KGTA AOYG14KGCA
Power Source			Single-phase, ~230V, 50Hz			
Capacity	Cooling / UK	kW	2.0 / 2.28	2.5 / 2.74	3.4 / 3.31	4.2 / 3.59
	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	W/W	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)	W/W	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 Consumption	Cooling	kWh/a	82	103	140	207
	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	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	m <sup>3</sup> /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) / Additional g per m		m	20 (15) / 20g/m			
Max Height Difference			15			
Operation Range	Cooling	°CDB	-10 to 46			
	Heating		-15 to 24			
Refrigerant	Type (Global Warming Potential)		R32 (675)			
	Charge	kg	0.75	0.75	0.85	0.85

Model: ASYG07KGTA / ASYG09KGTA /  
ASYG12KGTA / ASYG14KGTA



Wireless R.C.



AOYG07 / 09 / 12 / 14KGCA



ISO 9001  
Certified number: 01 100 79269



ISO 14001  
Certified number: CNBJ311153-UK  
Fujitsu General (Shanghai) Co., Ltd.

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

Distributed by :

**FUJITSU GENERAL AIR CONDITIONING (UK) LTD**  
Unit 150 Centennial Park, Centennial Avenue, Elstree, Herts. WD6 3SG  
www.fujitsu-general.com/uk

Tel: +44 (0)208 731 3450 Fax: +44 (0)208 731 3451

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