

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

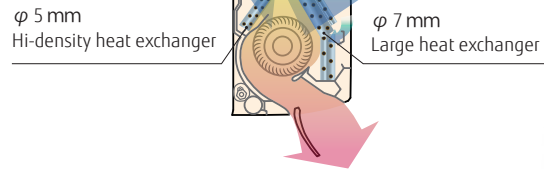
Top class high efficiency is achieved by high efficient lamda heat exchanger, large cross flow fan and new refrigerant.

Energy Efficiency Classifications



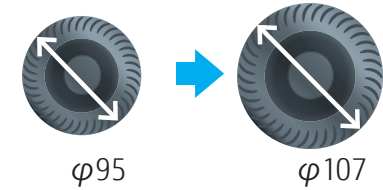
Hybrid-heat exchanger

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



ϕ 107 Large cross-flow fan

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

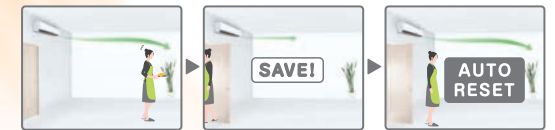


Human sensor



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.

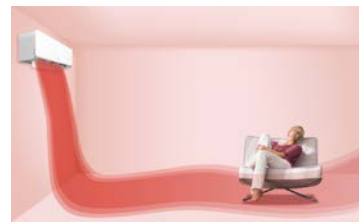
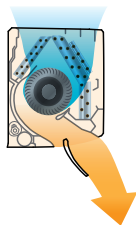
Human sensor



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 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.

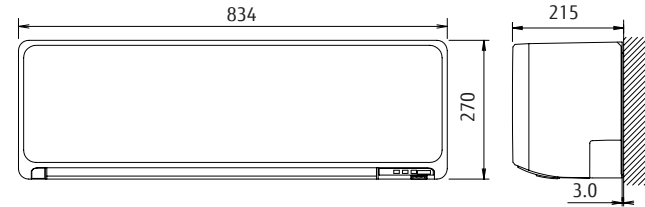
*: GWP = global warming potential

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		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 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 ³ /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)			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			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.

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