

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

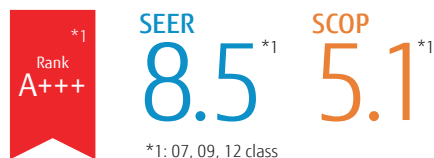
Slim and stylish square design is made possible by use of the high density multi-path heat exchanger and high efficiency fan and motor.



High Energy Saving

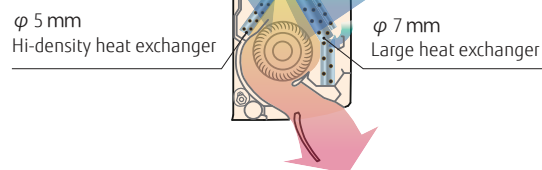
Top class high efficiency is achieved by high efficient lamda heat exchanger, large cross flow fan and new refrigerant.

Energy Efficiency Classifications



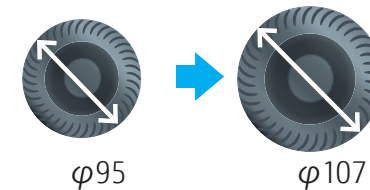
Hybrid-heat exchanger

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.

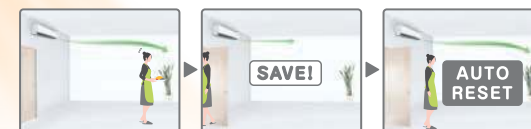


Human sensor



Human sensor

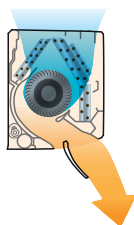
Human sensor detects movements of people in a room, and operates with lower capacity when people leave the room. When people come back to the room, it automatically returns to previous operating mode.



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.



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-Changover	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.

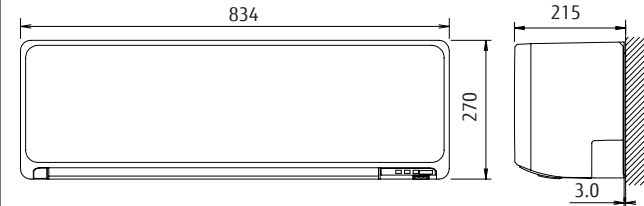
*: GWP = global warming potential

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	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			
H x W x D			kg (lbs)	10			
	Outdoor		mm	542×799×290			
Weight			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	ka		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: CNB311153-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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