

Wall Mounted Designer Series

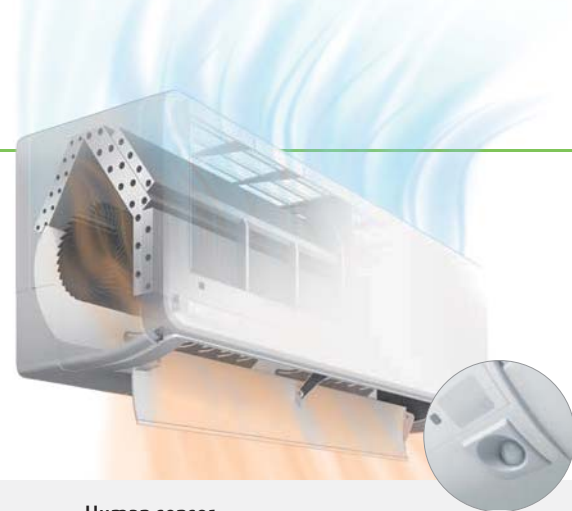
High Spec & Design



High energy saving

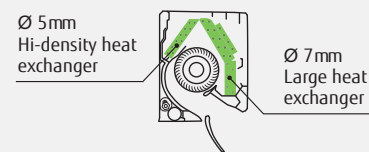
Top class high efficiency is achieved by high efficient lamda heat exchanger, large cross flow fan and new refrigerant.

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



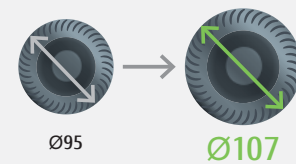
Hybrid-heat exchanger

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



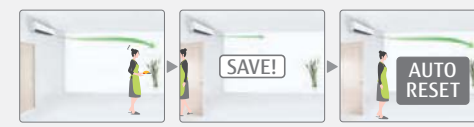
Ø107 Large cross-flow fan

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.



19dB(A)
(07/09/12 models)
Cooling only

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



Wireless R.C.



Specifications

Model No.	Indoor unit		ASYG07KGTB	ASYG09KGTB	ASYG12KGTB	ASYG14KGTB
	Outdoor unit		AOYG07KGCA	AOYG09KGCA	AOYG12KGCA	AOYG14KGCA
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
EER	Cooling	W/W	5.00	4.50	4.22	3.57
	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	kWh/a	628	658	685	1,298
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	Indoor / Outdoor (Cooling)	High	650/1,610	700/1,610	700/1,680	770/1,680
	Indoor / Outdoor (Heating)	High	720/1,560	750/1,610	770/1,580	800/1,580
Net Dimensions H x W x D	Indoor	mm	270×834×215	270×834×215	270×834×215	270×834×215
	Outdoor	mm	542×799×290	542×799×290	542×799×290	542×799×290
Weight	Indoor	kg(lbs)	10 (22)	10 (22)	10 (22)	10 (22)
	Outdoor	kg(lbs)	30 (66)	30 (66)	31 (68)	32 (71)
Connection Pipe Diameter (Liquid / Gas)		mm	6.35/9.52			
Drain hose Diameter (I.D./O.D.)		mm	11.8/15.0 to 16.8			
Max Pipe Length (Pre-Charge)		m	20 (15)			
Max Height Difference		m	15			
Operation Range	Cooling	°CDB	-10 to 46			
	Heating	°CDB	-15 to 24			
Refrigerant	Type (Global Warming Potential)		R32 (675)			
	Charge	kg(CO2eq-T)	0.75 (0.506)	0.75 (0.506)	0.85 (0.574)	0.85 (0.574)

Optional parts

Compact Wired Remote Controller:	UTY-RCRYZ1	Wireless LAN Interface:	UTY-TFSXW1	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired Remote Controller (Touch Panel):	UTY-RNRYZ3	Communication Kit:	UTY-TWRXZ2	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired Remote Controller:	UTY-RLRY	KNX® Converter:	UTY-VKSX		
Simple Remote Controller (Without operation mode):	UTY-RHRY	MODBUS® Converter:	UTY-VMSX		
Simple Remote Controller:	UTY-RSRY	External input and output PCB:	UTY-XCSXZ2		
External Switch Controller:	UTY-TERX	External Connect Kit:	UTY-XWZX		

Dimensions

(Unit : mm)

