NEW

Wall-mounted type

Built-in W-LAN adapter model
Designer Series
High Spec & Design

R32 REFRIGERANT

GOOD DESIGN

ALL DC

Save · Economy · Powerful · HEAT 10°C · Low Noise · Auto Changeover · Up/Down · Adjust · Restart · Sleep · Program · Weekly · Filter · LAN · ION · AF · Washable
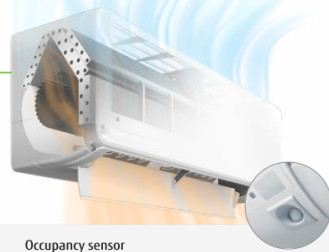
High energy saving

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

Rank A+++ 09, 12 models

SEER **8.9** 09 model

SCOP **5.3** 07 model

Hybrid-heat exchanger
The large hybrid heat exchanger has greatly improved the heat exchange efficiency to achieve top-level SEER and SCOP.

Ø 5mm High-density heat exchanger
Ø 7mm Large heat exchanger

Ø107 Large cross-flow fan
The large-diameter fan generates air volume efficiently even at reduced power.

Ø95 → Ø107

Occupancy sensor
The Occupancy sensor monitors the movements of people in a room and operates the air conditioner at a lower capacity when people leave the room. When people come back to the room, it automatically returns to the previous operating mode.

SAVE! · AUTO RESET

Comfortable airflow & Quiet operation

The large louver and the new air-blowing structure create a comfortable air flow that spreads all the way down to the user's feet with quiet operation.

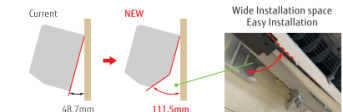**19** dB(A) (07/09/12 models) Cooling only

Smart device control

With the WLAN adapter installed in the air conditioner, you can control it from anywhere with your smart device.
* For more information about smart device control, please refer to the page C-018.

You need to install the AIRSTAGE Mobile app on your smart device in order to control the air conditioner.

WLAN adapter (USB)

AIRSTAGE Mobile

Easy access to the flare pipe connection

Installation when left outlet piping is easier by removable under cover of the indoor unit chassis. Installation when center outlet piping is easier by design change of wall hook bracket.

Current · NEW · Wide Installation space Easy Installation

48.7mm · 111.5mm

Model: ASYG07KGTF / ASYG09KGTF / ASYG12KGTF / ASYG14KGTF

R32 REFRIGERANT

WLAN adapter (Built-in)

Wireless RC

SPLIT

Specifications

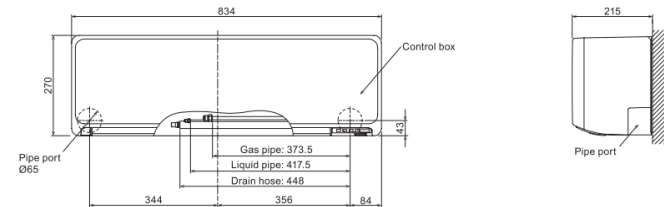| Model name	Indoor unit		ASYG07KGTF	ASYG09KGTF	ASYG12KGTF	ASYG14KGTF
	Outdoor unit		AOYG07KGCB	AOYG09KGCB	AOYG12KGCB	AOYG14KGCB
Power Source			Single phase, ~230 V, 50 Hz			
Capacity	Cooling	kW	2.0 (0.9-3.2)	2.5 (0.9-3.4)	3.4 (0.9-4.1)	4.2 (0.9-4.5)
	Heating		2.5 (0.9-5.2)	2.8 (0.9-5.4)	4.0 (0.9-6.1)	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
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	8.10	8.90	8.70	7.90
SCOP	Heating (Average)		5.30	5.20	5.20	4.50
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	86	98	137	186
	Heating		606	645	673	1,242
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	Indoor/Outdoor (Cooling) High	m³/h	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	10	10	10	10
	Outdoor	kg	30	30	31	32
Connection Pipe Diameter (Liquid/Gas)		mm	6.35/9.52			
Drain Hose Diameter (I.D./O.D.)			13.8/15.0 to 16.8			
Max. Pipe Length (Pre-Charge)		m	20 (15)			
Max. Height Difference			15			
Operating Range	Cooling	°CDB	-10 to 46			
	Heating		-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

* For optional parts compatibility of Intesis devices, please refer to the optional parts compatibility list page C-048.

Compact wired remote controller:	UTY-RCRYZ1	External switch controller:	UTY-TERX	Network Convertor for single split (DC power supply type):	UTY-VTGX
Wired remote controller (touch panel):	UTY-RNRYZ5	Communication kit:	UTY-TWRXZ2	Network Convertor for single split (AC power supply type):	UTY-VTGXV
Wired remote controller:	UTY-RLRY	External input and output PCB*1:	UTY-XCSXZ2	Silver Ion filter:	UTR-FA16-5
Simple remote controller (without operation mode):	UTY-RHRY	External connect kit:	UTY-XWZX		
Simple remote controller:	UTY-RSRY		UTY-XWZXZ5		

*1 It is required when 2 or more external input and output ports are used.

Dimensions
(Unit: mm)

834 · 215

Control box

270 · 43

Pipe port Ø65

Gas pipe: 373.5
Liquid pipe: 417.5
Drain hose: 448

344 · 356 · 84

Pipe port