

NEW

# Wall-mounted type

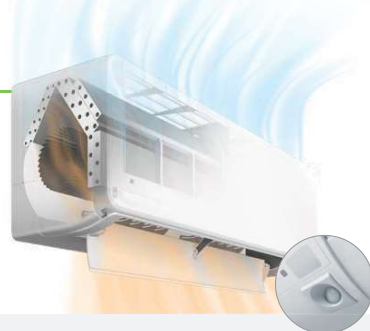
Built-in WLAN adapter model  
Designer Range  
High Spec & Design



## 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+++** SEER **9.80\*** SCOP **5.20\***  
 \*07/09/12 models \*07 model \*07/09/12 models



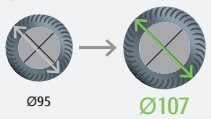
### Hybrid-heat exchanger

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



### Ø107 Large cross-flow fan

The large-diameter fan generates air volume efficiently even at reduced power.



### Human sensor

The Human 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.



## 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.



## Smart device control

A WLAN adapter is included as standard equipment. By installing the AIRSTAGE mobile app on your smart device, you can check and control the operating status of the air conditioner from anywhere indoors or outdoors.

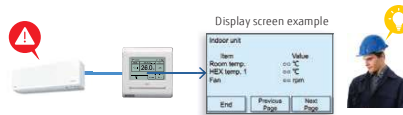
\* See page C-020 for details on smart device control.



## Refrigerant cycle monitor (Option)

Wired Remote Controller (Touch Panel) will support to display some sensor values for maintenance and service support.

\*Wired remote controller (UTY-RNRY25 or UTY-RVRY) is required.



Model: ASEH07KGTG / ASEH09KGTG / ASEH12KGTG / ASEH14KGTG



## Specifications

Model name	Indoor unit		ASEH07KGTG	ASEH09KGTG	ASEH12KGTG	ASEH14KGTG		
	Outdoor unit		AOEH07KGGC	AOEH09KGGC	AOEH12KGGC	AOEH14KGGC		
Power Source	Single phase, ~230 V, 50 Hz							
Capacity	Cooling	Rated	2.0	2.5	3.4	4.2		
		Min.-Max.	0.9-3.3	0.9-3.6	0.9-4.1	0.9-4.5		
	Heating	Rated	2.5	2.8	4.0	5.4		
		Min.-Max.	0.9-5.2	0.9-5.4	0.9-6.1	0.9-6.4		
Input Power	Cooling/Heating		kW	0.400 / 0.500	0.550 / 0.600	0.870 / 0.910	1.220 / 1.450	
	Cooling		EER	5.00	4.55	3.91	3.44	
COP	Cooling		W/W	5.00	4.67	4.40	3.72	
	Heating		W/W	2.0 / 2.3	2.5 / 2.4	3.4 / 2.5	4.2 / 4.0	
Pdesign	Cooling/Heating (-10°C)		kW	2.0 / 2.3	2.5 / 2.4	3.4 / 2.5	4.2 / 4.0	
	Cooling		SEER	9.80	9.40	8.80	8.00	
SCOP	Heating (Average)		W/W	5.20	5.20	5.20	4.60	
	Cooling		Energy Efficiency Class	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	
	Cooling		Annual Energy Consumption	kWh/a	71	93	135	184
Moisture Removal	Cooling		l/h	618	646	673	1,217	
	Heating		l/h	1.1	1.3	1.6	1.7	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	36 / 32 / 29 / 19	38 / 34 / 29 / 19	40 / 35 / 30 / 19	43 / 36 / 30 / 20		
		H/M/L/Q	38 / 34 / 31 / 20	39 / 34 / 31 / 20	42 / 38 / 33 / 21	44 / 39 / 33 / 24		
	Outdoor (Cooling/Heating)	High	42 / 43	44 / 45	50 / 50	50 / 50		
		High	49 / 51	52 / 52	56 / 58	57 / 59		
Sound Power Level	Indoor (Cooling/Heating)	High	56 / 56	58 / 58	65 / 66	65 / 66		
		High	57 / 57	58 / 58	65 / 66	65 / 66		
	Airflow Rate	Indoor/Outdoor (Cooling)	High	m <sup>3</sup> /h	570 / 1,390	640 / 1,480	680 / 1,800	750 / 1,800
		Indoor/Outdoor (Heating)	High	m <sup>3</sup> /h	610 / 1,350	630 / 1,420	750 / 1,690	780 / 1,690
Net Dimensions	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	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	
	Drain Hose Diameter (I.D./O.D.)		mm	13.8 / 15 to 16.8	13.8 / 15 to 16.8	13.8 / 15 to 16.8	13.8 / 15 to 16.8	
Max. Pipe Length (Pre-Charge)			m	20 (15)	20 (15)	20 (15)	20 (15)	
	Max. Height Difference		m	15	15	15	15	
Operating Range	Cooling		*CDB	-10 to 50	-10 to 50	-10 to 50	-10 to 50	
	Heating		*CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	
Refrigerant	Type (Global Warming Potential)			R32 (675)	R32 (675)	R32 (675)	R32 (675)	
	Charge		kg (CO2eq-1)	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-050 to C-053 and C-066.

Wired Remote Controller (Design type): UTY-RVRY	Simple remote controller: UTY-RSRY	Network Converter for single split (DC power supply type): UTY-VTGX
Compact wired remote controller: UTY-RRCVZ1	External switch controller: UTY-TERX	Network Converter for single split (AC power supply type): UTY-VTGXV
Wired remote controller (touch panel): UTY-RNRYZ5	Communication kit: UTY-TWRXZ2	Silver ion filter: UTR-FA16-5
Wired remote controller: UTY-RLRY	External connect kit: UTY-XWZX	External input and output PCB*1: UTY-XCSXZ2
Simple remote controller (without operation mode): UTY-RHRY	UTY-XWZX25	

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

## Dimensions

(Unit: mm)

