

Wall-mounted type

Built-in WLAN adapter model
Standard Range
High-Efficiency & Comfort



KM Series



Slim & stylish square design

The slim and stylish square design of this indoor unit is realized by using a high-density, multipath heat exchanger and a high-efficiency wind blower.



Warm & gentle color option

Both white and soft black color are relatively gentle tones and no strong contrast, each color harmonize with the environment and create a warm atmosphere.

High energy saving

High-efficiency has been achieved by the lambda-shaped heat exchanger, large cross-flow fan, and the new refrigerant.

Ranking A++ Heating A++*

SEER 8.40* SCOP 4.60*

*07/09/12 models

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.

Quiet & Comfort
20 dB(A)
Cooling only

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.

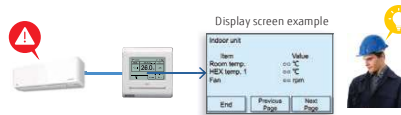
* See page C-020 for details on smart device control.



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: ASEH07KMCG / ASEH09KMCG / ASEH12KMCG / ASEH14KMCG
ASEH07KMCG-B / ASEH09KMCG-B / ASEH12KMCG-B / ASEH14KMCG-B



Specifications

Model name	Indoor unit		ASEH07KMCG ASEH07KMCG-B	ASEH09KMCG ASEH09KMCG-B	ASEH12KMCG ASEH12KMCG-B	ASEH14KMCG ASEH14KMCG-B
	Outdoor unit		AOEH07KMCG	AOEH09KMCG	AOEH12KMCG	AOEH14KMCG
Power Source			Single phase, ~230 V, 50 Hz			
Capacity	Cooling	Rated	2.0	2.5	3.4	4.2
		Min.-Max.	0.9-3.0	0.9-3.2	0.9-3.9	0.9-4.4
	Heating	Rated	2.5	2.8	4.0	5.4
		Min.-Max.	0.9-3.4	0.9-4.0	0.9-5.3	0.9-6.0
Input Power	Cooling/Heating	kW	0.450 / 0.555	0.650 / 0.620	0.960 / 1.020	1.220 / 1.410
EER	Cooling	W/W	4.43	3.85	3.54	3.44
CDP	Heating		4.52	4.52	3.92	3.83
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	8.40	8.40	7.70	7.10
SCOP	Heating (Average)		4.60	4.60	4.60	4.10
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	6.5 / 9.0
Annual Energy Consumption	Cooling	kWh/a	83	104	155	207
	Heating		700	730	761	1,366
Moisture Removal		l/h	1.0	1.3	1.8	2.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	38 / 33 / 29 / 20	40 / 34 / 29 / 20	40 / 35 / 30 / 20	43 / 36 / 30 / 20
	Indoor (Heating)	H/M/L/Q	41 / 35 / 31 / 22	42 / 36 / 31 / 22	42 / 38 / 33 / 22	44 / 39 / 33 / 24
	Outdoor (Cooling/Heating)	High	46 / 46	46 / 46	50 / 50	50 / 50
	Indoor (Cooling/Heating)	High	54 / 56	55 / 57	55 / 58	57 / 59
Sound Power Level	Outdoor (Cooling/Heating)	High	61 / 61	61 / 62	65 / 65	65 / 66
	Indoor/Outdoor (Cooling)	High	650 / 1,650	700 / 1,650	700 / 1,700	770 / 1,680
Airflow Rate	Indoor/Outdoor (Heating)	High	720 / 1,450	750 / 1,450	780 / 1,470	820 / 1,580
	Indoor	mm	270 × 834 × 222	270 × 834 × 222	270 × 834 × 222	270 × 834 × 222
Net Dimensions H x W x D	Outdoor	mm	541 × 663 × 290	541 × 663 × 290	541 × 663 × 290	542 × 799 × 290
	Indoor	kg	10	10	10	10
Weight	Outdoor	kg	22	22	24	31
	Indoor	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52
Connection Pipe Diameter (Liquid/Gas)		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
Drain Hose Diameter (I.D./O.D.)		m	20 (15)	20 (15)	20 (15)	20 (15)
Max. Pipe Length (Pre-Charge)			15	15	15	15
Max. Height Difference			-10 to 50	-10 to 50	-10 to 50	-10 to 50
Operating Range	Cooling	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24
	Heating		-10 to 50	-10 to 50	-10 to 50	-10 to 50
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge	kg (CO2eq-1)	0.60 (0.405)	0.60 (0.405)	0.70 (0.473)	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-RCRYZ1	Communication kit: UTY-TWRXZ2	Network Converter for single split (AC power supply type): UTY-VTGXV
Wired remote controller (touch panel): UTY-RNRY25	External connect kit: UTY-XWXZ	Silver ion filter: UTR-FA16-5
Wired remote controller: UTY-RLRY	External switch controller: UTY-XWXZ5	External input and output PCB*: UTY-XCSXZ2
Simple remote controller (without operation mode): UTY-RHRY		

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

Dimensions

(Unit: mm)

