

Wall-mounted type

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

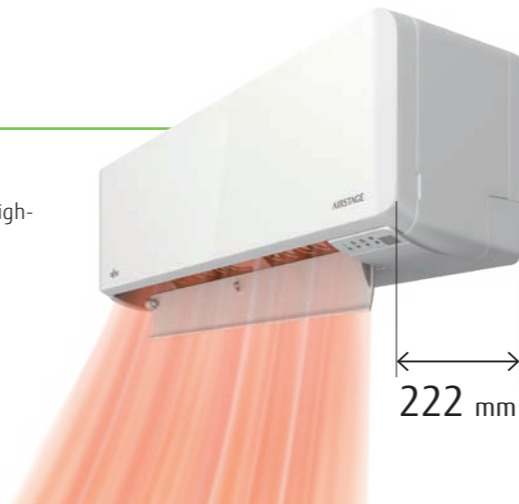
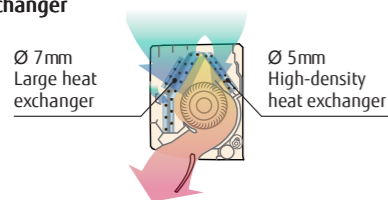
KM Series



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.

Hybrid-heat exchanger



High energy saving

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

Rank Cooling 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.



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.

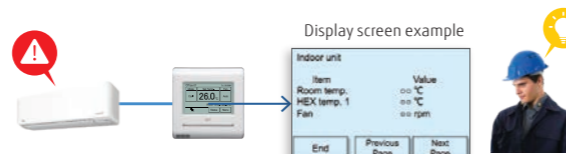
* See page C-020 for details on smart device control.



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



Specifications

Model name	Indoor unit		ASEH07KMCG	ASEH09KMCG	ASEH12KMCG	ASEH14KMCG	
	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	
Input Power	Cooling/Heating	Min.-Max.	0.9-3.4	0.9-4.0	0.9-5.3	0.9-6.0	
		kW	0.450 / 0.555	0.650 / 0.620	0.960 / 1.020	1.220 / 1.410	
EER	Cooling	Rated	4.43	3.85	3.54	3.44	
		Min.-Max.	4.52	4.52	3.92	3.83	
COP	Heating	Rated	2.0 / 2.3	2.5 / 2.4	3.4 / 2.5	4.2 / 4.0	
		Min.-Max.	8.40	8.40	7.70	7.10	
Pdesign	Cooling/Heating (-10°C)	kW	4.60	4.60	4.60	4.10	
		W/W	A++	A++	A++	A++	
SEER	Cooling	Rated	6.5 / 9.0	6.5 / 9.0	6.5 / 9.0	6.5 / 9.0	
		Min.-Max.	83	104	155	207	
SCOP	Heating (Average)	kWh/a	700	730	761	1,366	
		I/h	1.0	1.3	1.8	2.1	
Energy Efficiency Class	Cooling	Class	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
Sound Pressure Level	Outdoor (Cooling/Heating)	High	46 / 46	46 / 46	50 / 50	50 / 50	
		Low	54 / 56	55 / 57	55 / 58	57 / 59	
Sound Power Level	Indoor (Cooling/Heating)	High	61 / 61	61 / 62	65 / 65	65 / 66	
		Low	650 / 1,650	700 / 1,650	700 / 1,700	770 / 1,680	
Airflow Rate	Indoor/Outdoor (Cooling)	High	720 / 1,450	750 / 1,450	780 / 1,470	820 / 1,580	
		Low	270 × 834 × 222	270 × 834 × 222	270 × 834 × 222	270 × 834 × 222	
Net Dimensions	H x W x D	Indoor	541 × 663 × 290	541 × 663 × 290	541 × 663 × 290	542 × 799 × 290	
		Outdoor	10	10	10	10	
Weight	Indoor	kg	22	22	24	31	
		Outdoor	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	
Connection Pipe Diameter (Liquid/Gas)	mm	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.)	20 (15)	20 (15)	20 (15)	20 (15)	
Max. Pipe Length (Pre-Charge)	m	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	R32 (675)	R32 (675)	R32 (675)	R32 (675)	
Refrigerant	Type (Global Warming Potential)	Charge	kg (CO2eq-T)	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-RCRY21	Communication kit: UTY-TWRX22	Network Converter for single split (AC power supply type): UTY-VTGXV
Wired remote controller (touch panel): UTY-RNRY25	External connect kit: UTY-XWZX	Silver Ion filter: UTR-FA16-5
Wired remote controller: UTY-RLRY	External switch controller: UTY-TERX	External input and output PCB*: UTY-XCSX22
Simple remote controller (without operation mode): UTY-RHRY		

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

Dimensions

(Unit: mm)

