

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.



*07/09/12 models

SEER

8.40 *

*07/09 models

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

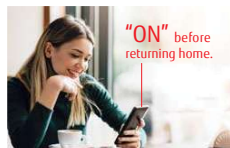
20 dB(A)

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.

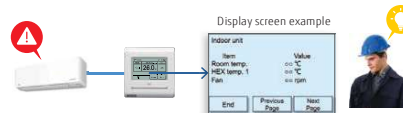
* See page C-020 for details on smart device control.



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



WLAN adapter
(Built-in)



Wireless RC



For ASEH07/09/12KMCG
ASEH07/09/12KMCG-B



For ASEH14KMCG
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	kW	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	
COP	Heating		W/W	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)		W/W	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	dB(A)	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	
Sound Power Level	Indoor (Cooling/Heating)	High		54 / 56		55 / 57		55 / 58		57 / 59	
	Outdoor (Cooling/Heating)	High		61 / 61		61 / 62		65 / 65		65 / 66	
Airflow Rate	Indoor/Outdoor (Cooling)	High	m³/h	650 / 1,650		700 / 1,650		700 / 1,700		770 / 1,680	
	Indoor/Outdoor (Heating)	High		720 / 1,450		750 / 1,450		780 / 1,470		820 / 1,580	
Net Dimensions H x W x D	Indoor	mm		270 × 834 × 222		270 × 834 × 222		270 × 834 × 222		270 × 834 × 222	
	Outdoor	mm		541 × 663 × 290		541 × 663 × 290		541 × 663 × 290		542 × 799 × 290	
Weight	Indoor	kg		10		10		10		10	
	Outdoor	kg		22		22		24		31	
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		-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-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

Compact wired remote controller: UTY-RCRYZ1

Wired remote controller (touch panel): UTY-RNRY25

Wired remote controller: UTY-RLRY

Simple remote controller (without operation mode): UTY-RHRY

Simple remote controller: UTY-RSRY

Communication kit: UTY-TWRXZ2

External connect kit: UTY-XWZX

Wired remote controller: UTY-XWZX25

External switch controller: UTY-TERX

Network Converter for single split (DC power supply type): UTY-VTGX

Network Converter for single split (AC power supply type): UTY-VTGX

Silver ion filter: UTR-FA16-5

External input and output PCB*: UTY-XCSX22

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

Dimensions

(Unit: mm)

