

SPLIT

KM
Series

Wall-Mounted

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

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 R32 refrigerant.



SEER

8.40*

SCOP

4.60*

*07/09/12 models

*07/09 models

*07/09/12 models

Comfortable Airflow & Quiet Operation

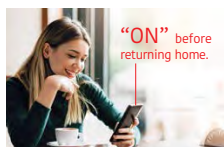
The large louver and the air-blowing structure create a comfortable air flow that spreads all the way down to the user's feet with quiet operation.



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.

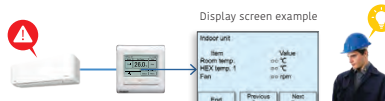
* See page C-022 for details on smart device control.



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-RNRY26 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	0.9-4.4	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		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		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	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
Net Dimensions H x W x D	Indoor	mm	270 x 834 x 222	270 x 834 x 222	270 x 834 x 222	270 x 834 x 222
	Outdoor	mm	541 x 663 x 290	541 x 663 x 290	541 x 663 x 290	542 x 799 x 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 information on the compatibility of optional parts for Intesis products, please refer to the compatibility list at the end of the "Control system & Optional parts" chapter.

Wired Remote Controller (Design type):	UTY-RVRY	Simple remote controller:	UTY-RSRY21	Network Converter for single split (DC power supply type):	UTY-VTQX
Compact wired remote controller:	UTY-RCRY21	Wireless remote controller:	UTY-LNWX	Network Converter for single split (AC power supply type):	UTY-VTQXV
Wired remote controller (touch panel):	UTY-RNRY26	Communication Kit:	UTY-TWRX22	Silver ion filter:	UTR-FA16-5
Wired remote controller:	UTY-RLRY	External Connect Kit:	UTY-XWXZ	External input and output PCB*1:	UTY-XCSX22
Simple remote controller (without operation mode):	UTY-RHRY21		UTY-XWXZS	External switch controller:	UTY-TERX

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

Dimensions

(Unit: mm)

