NEW

Wall-mounted type

KM Series

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

R32

GOOD DESIGN

ALL DC

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

Ø 7mm Large heat exchanger
Ø 5mm High-density heat exchanger

222 mm
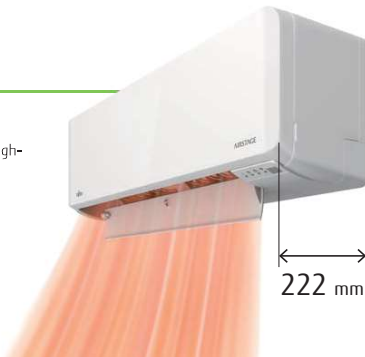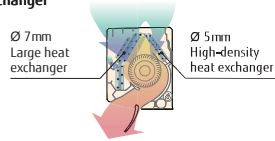
High energy saving

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
*07/09 models
*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.
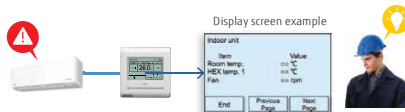* See page C-020 for details on smart device control.

AIRSTAGE Mobile

"ON" before returning home.

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-RNRYZ5 or UTY-RVRY) is required.

Display screen example

Model: ASEH07KMCG / ASEH09KMCG / ASEH12KMCG / ASEH14KMCG

R32

WLAN adapter (Built-in)
Wireless RC

For ASEH07/09/12KMCG
For ASEH14KMCG

Specifications

Model name			ASEH07KMCG	ASEH09KMCG	ASEH12KMCG	ASEH14KMCG
	Indoor unit		AOEH07KMCG	AOEH09KMCG	AOEH12KMCG	AOEH14KMCG
	Outdoor unit					
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
COP	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
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	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.)			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			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	Simple remote controller:	UTY-RSRY
Compact wired remote controller:	UTY-RCRYZ1	Communication kit:	UTY-TWRXZ2
Wired remote controller (touch panel):	UTY-RNRYZ5	External connect kit:	UTY-XWZX
Wired remote controller:	UTY-RLRY		UTY-XWZXZ5
Simple remote controller (without operation mode):	UTY-RHRY	External switch controller:	UTY-TERX

Network Convertor for single split (DC power supply type): UTY-VTGX
Network Convertor for single split (AC power supply type): UTY-VTGXV
Silver Ion filter: UTR-FA16-5
External input and output PCB*1: UTY-XCSXZ2

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

Dimensions

(Unit: mm)

834
270
222
Control box
43
Pipe port Ø65
Gas pipe: 359
Liquid pipe: 418
Drain hose: 492
344
356
84
Pipe port