

Wall-mounted type

Built-in WLAN adapter model
ECO Range
Compact Size



KN
Series



Elegant & smart square design

An elegant and smart type in the eco range.
The delicate shading of the ridge line makes the unit an accessory for the room.



High energy saving

The size of the heat exchanger has increased to improve performance, making it more powerful despite its compact size.



SEER **7.8*** SCOP **4.4**

* 07 model

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.



Highly efficient operation even at high outdoor temperatures

Even when installed in areas with high outdoor air temperatures (Max. 50°C*), it is comfortable because it can cool the interior well.

* suction temperature of the outdoor unit

Operation Range
MAX **50°C**
(Cooling operation)



Model: ASEH07KNCA / ASEH09KNCA / ASEH12KNCA



WLAN adapter
(Built-in)



Wireless RC

AR-RPF4E



Specifications

Model name	Indoor unit		Outdoor unit		ASEH07KNCA	ASEH09KNCA	ASEH12KNCA
					AOEH07KNCA	AOEH09KNCA	AOEH12KNCA
Power Source					Single phase, ~230 V, 50 Hz		
Capacity	Cooling	Rated	kW		2.0	2.5	3.4
		Min.-Max.			0.9-2.9	0.9-3.1	0.9-3.8
	Heating	Rated			2.5	2.8	3.8
		Min.-Max.			0.9-3.4	0.9-4.0	0.9-4.8
Input Power	Cooling/Heating		kW		0.50 / 0.58	0.74 / 0.70	1.05 / 1.02
EER	Cooling				4.00	3.38	3.24
COP	Heating		W/W		4.31	4.00	3.73
Pdesign	Cooling/Heating (-10°C)		kW		2.0 / 2.3	2.5 / 2.4	3.4 / 2.5
SEER	Cooling		W/W		7.8	7.4	7.0
SCOP	Heating (Average)				4.4	4.4	4.4
Energy Efficiency Class	Cooling				A++	A++	A++
	Heating (Average)				A+	A+	A+
Max. Operating Current	Cooling/Heating		A		6.5 / 9.0	6.5 / 9.0	6.5 / 9.0
Annual Energy Consumption	Cooling		kWh/a		90	118	170
	Heating				731	763	795
Moisture Removal			l/h		1.0	1.0	1.4
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)		36 / 33 / 29 / 20	38 / 35 / 29 / 20	40 / 36 / 32 / 20
	Indoor (Heating)	H/M/L/Q			38 / 33 / 30 / 22	38 / 33 / 30 / 22	39 / 35 / 31 / 22
	Outdoor (Cooling/Heating)	High			43 / 44	44 / 45	49 / 49
Sound Power Level	Indoor (Cooling/Heating)	High			51 / 52	53 / 52	55 / 53
	Outdoor (Cooling/Heating)	High			53 / 54	56 / 56	60 / 61
	Indoor/Outdoor (Cooling)	High			530 / 1,430	580 / 1,430	600 / 1,460
Airflow Rate	Indoor/Outdoor (Cooling)	High	m³/h		580 / 1,390	580 / 1,390	600 / 1,360
	Indoor/Outdoor (Heating)	High			580 / 1,390	580 / 1,390	600 / 1,360
Net Dimensions H x W x D	Indoor	mm			270 × 784 × 222	270 × 784 × 222	270 × 784 × 222
	Outdoor	mm			541 × 663 × 290	541 × 663 × 290	541 × 663 × 290
Weight	Indoor	kg			9	9	9
	Outdoor	kg			22	22	24
Connection Pipe Diameter (Liquid/Gas)			mm		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
Max. Pipe Length (Pre-Charge)			m		20 (15)	20 (15)	20 (15)
Max. Height Difference					15	15	15
Operating Range	Cooling		°CDB		-10 to 50	-10 to 50	-10 to 50
	Heating				-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)				R32 (675)		
	Charge		kg (CO2eq-T)		0.57 (0.385)	0.57 (0.385)	0.65 (0.439)

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.

Silver Ion Filter: UTR-FA16-5

Dimensions

(Unit: mm)

