

Deluxe Reverse Cycle

ECONAVI

AUTOCOMFORT

Advanced+Plus
e-ion
Air Purifying System

Patrol
Sensor

Mild Dry
Cooling

FAN MODE

DUAL
Timer 24H

Blue Fin
Condenser

LARGE

Wired Remote
Controller
(Optional)

QUIET MODE

QUIET MODE

Except CU-E9/E12MKR

NEW



CS-E9MKR
CS-E12MKR

CS-E15MKR



Large Remote
Controller

Heating
Possible
-15°C

Cooling
Possible
46°C

CS-E9MKR

CS-E12MKR

CS-E15MKR

Features

ECONAVI	AUTOCOMFORT	Advanced+Plus	Patrol Sensor			
MILD	mode			FAN MODE		
	24 DUAL	DEMAND CONTROL	3RD PARTY CONNECTIVITY	(Large)	(Optional)	
	15m					

QUIET 21dB E9MKR (21dB) 26dB E12MKR (21dB) 27dB E15MKR (23dB)

QUIET 41dB E15MKR (41dB)

NEW



CS-E18MKR CS-E24MKR
CS-E21MKR CS-E28MKR



Large Remote
Controller

Heating
Possible
-15°C

Cooling
Possible
46°C

CS-E18MKR

CS-E21MKR

CS-E24MKR

CS-E28MKR

Features

ECONAVI	AUTOCOMFORT	Advanced+Plus	Patrol Sensor			
MILD	mode			FAN MODE		
	24 DUAL	DEMAND CONTROL	3RD PARTY CONNECTIVITY	(Large)	(Optional)	
	20m (E18/E21)	30m (E24/E28)				

QUIET 29dB E18MKR (31dB) 32dB E21MKR (33dB) 34dB E24MKR (34dB) 35dB E28MKR (35dB)

QUIET 42dB E18MKR (42dB) 47dB E21MKR (47dB) 48dB E24/E28MKR (48dB)

Outdoor



CU-E9MKR/E12MKR



CU-E15MKR/E18MKR/E21MKR/E24MKR



CU-E28MKR



The figure shown is the value during cooling operation with low fan speed in the Quiet mode.

Auto adjusts for maximum comfort and maximum savings

How ECONAVI works

ECONAVI with intelligent eco sensors detects the level of human presence in a room and the activity level to adjust output accordingly. This feature enables more energy saving by reducing energy waste.



Advanced+Plus e-ion
Air Purifying System

e-ions are released to catch dust particles and deactivate bacteria and viruses. The positively-charged e-ion filter attracts dust particles to thoroughly clean the air.



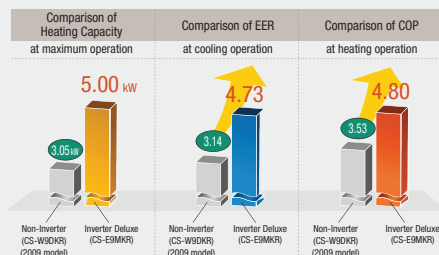
Patrol Sensor

Air is monitored both during air conditioner operation and when it's switched off. When dirt is detected, the air purifying function is started to immediately clean the air in the room.



Industry-Leading Energy Saving Rating Achieved by Inverter Technology

On top of the powerful heating, the longer you use the unit the more you can enjoy class-leading operation efficiency, which means an even bigger energy saving effect.



Specifications

Cooling
Heating

EER : Cooling Efficiency
COP : Heating Efficiency

Model (50Hz)			CS-E9MKR (CU-E9MKR)	CS-E12MKR (CU-E12MKR)	CS-E15MKR (CU-E15MKR)	CS-E18MKR (CU-E18MKR)	CS-E21MKR (CU-E21MKR)	CS-E24MKR (CU-E24MKR)	CS-E28MKR (CU-E28MKR)
Cooling Capacity	kW		2.60 (0.90~3.00)	3.50 (0.90~4.00)	4.40 (0.90~5.00)	5.00 (0.90~6.00)	6.30 (1.70~7.10)	7.10 (1.70~8.10)	8.00 (2.30~8.60)
	Btu/h		8,870 (3,070~10,200)	11,900 (3,070~13,600)	15,000 (3,070~17,100)	17,100 (3,070~20,500)	21,500 (5,800~24,200)	24,200 (5,800~27,600)	27,300 (7,840~29,300)
EER			4.73	4.22	3.67	3.85	3.50	3.36	3.35
Heating Capacity*2	kW		3.60 (0.80~5.00)	4.90 (0.80~6.70)	5.50 (0.90~7.10)	6.35 (0.90~8.00)	7.20 (1.70~8.50)	8.00 (1.70~9.90)	9.00 (2.20~11.00)
	Btu/h		12,300 (2,730~17,100)	16,700 (2,730~22,800)	18,800 (3,070~24,200)	21,700 (3,070~27,300)	24,600 (5,800~29,000)	27,300 (5,800~33,800)	30,700 (7,500~37,500)
COP	w/w		4.80	4.02	3.74	3.76	3.64	3.62	3.42
Star Rating			4.5 / 4.5	3.0 / 3.0	2.5 / 2.5	2.5 / 2.5	2.0 / 2.0	2.0 / 2.5	2.0 / 2.0
Electrical Data	Voltage	V	240	240	240	240	240	240	240
	Running Current	A	2.5 / 3.4	3.8 / 5.5	5.3 / 6.5	5.9 / 7.6	8.1 / 8.6	9.4 / 9.9	10.9 / 11.9
	Power Input	kW	0.55 (0.21~0.78)	0.83 (0.21~1.10)	1.20 (0.215~1.60)	1.30 (0.23~2.05)	1.80 (0.44~2.20)	2.11 (0.43~2.48)	2.39 (0.46~2.70)
			0.75 (0.175~1.36)	1.22 (0.175~1.89)	1.47 (0.245~2.25)	1.69 (0.26~2.65)	1.98 (0.40~2.50)	2.21 (0.38~3.00)	2.63 (0.50~3.30)
Noise	Sound Pressure Level*	Indoor (Hi/L0/S-Lo)	dB(A) 41/25/21 39/27/21	41/26/21 44/29/26	45/30/23 43/31/27	45/34/31 42/33/29	45/36/33 45/35/32	47/37/34 47/37/34	49/38/35 48/38/35
		Outdoor (Hi/S-Lo)	dB(A) 46/— 46/—	48/— 49/—	46/41 46/41	47/42 47/42	52/47 52/47	53/48 53/48	53/48 53/48
	Sound Power Level	Outdoor (Hi/S-Lo)	dB 61/— 61/—	63/— 64/—	61/56 61/56	61/56 61/56	66/61 66/61	67/62 67/62	71/66 71/66
Dehumid	L/h		1.6	2.0	2.4	2.8	3.5	4.1	4.7
Air Flow	L/s		182 / 202	202 / 218	225 / 233	283 / 295	282 / 273	327 / 339	340 / 349
Dimensions	Indoor H x W x D	mm	290 x 870 x 204	290 x 870 x 204	290 x 870 x 204	290 x 1070 x 235	290 x 1070 x 235	290 x 1070 x 235	290 x 1070 x 235
	Outdoor H x W x D	mm	619 x 824 x 299	619 x 824 x 299	795 x 875 x 320	795 x 875 x 320	795 x 875 x 320	795 x 875 x 320	1170 x 900 x 320
Net Weight	Indoor (Outdoor)	kg	9 (33)	9 (33)	9 (51)	12 (52)	12 (59)	12 (60)	12 (74)
Refrigerant Pipe Diameter	Liquid Side/ Gas Side	mm	6.35 / 9.52	6.35 / 12.70	6.35 / 12.70	6.35 / 12.70	6.35 / 12.70	6.35 / 15.88	6.35 / 15.88
Pipe Extension Length	Min.~Max.	m	3~15	3~15	3~15	3~20	3~20	3~30	3~30
Pipe Length for Additional Gas		m	7.5	7.5	7.5	10	10	10	10
Additional Refrigerant Gas		g/m	20	20	20	20	20	30	30
Power Supply			Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Operating Temperature Range (Outdoor) Degree °C			5~46 / -15~24	5~46 / -15~24	5~46 / -15~24	5~46 / -15~24	16~46 / -15~24	16~46 / -15~24	16~46 / -15~24

*1 Sound pressure level specification is measured according to JIS C9612

*2 Maximum heating capacity shown are the values based on powerful operation

Rating Conditions

	Cooling	Heating
Inside air temperature	27°C DB /19°C WB	20°C DB
Outside air temperature	35°C DB	7°C DB/6°C WB

- Power plugs are not supplied with the unit.
- Electrical work must be installed by a licensed electrician. Be sure to use the correct rating of the power plug and mains circuit for the model to be installed.
- Please read the Installation Instructions carefully before installing the unit, and read the Operating Instructions before using.