

4 WAY 60x60 CASSETTE STANDARD INVERTER • R410A GAS



Specially designed for offices, retail and restaurant applications, this cassette fits perfectly into 60x60 or 70x70 ceiling grids.

Featuring the best efficiency in its category (heating and cooling up to -10°C, this new cassette in 9 and 12kW versions can also be connected to KNX, Modbus, EnOcean interfaces for easy integration with your BMS systems. Interfaces have dry contacts (ON/OFF, error message) to enable easy integration.

With the new IntesisHome interface, you can also control the cassette from your smartphone and internet very easily!
Fit Panasonic's Cassette Type, and start to save all year round!

Technical focus

- Cassettes can be controlled by IntesisHome, KNX, EnOcean and Modbus
- This units can be installed on R22 pipingss
- Designed for easy installation in the standard European 60x60 ceiling grid
- Operation down to -10°C in cooling and heating modes
- Piping length up to 30m
- Maximum elevation difference up to 20m
- Ultra compact outdoor units for easy installation
- High pressure selector in case of high ceilings (higher than 2,7m)
- Drain pump included (maximum 750mm high)
- Air fresh entry available on the cassette

KIT			KIT-E9-PB4EA	KIT-E12-PB4EA	KIT-E18-RB4EA	KIT-E21-RB4EA
Cooling capacity	Nominal (Min - Max)	kW	2,50 (0,85 - 3,00)	3,40 (0,85 - 4,00)	5,00 (0,90 - 5,80)	5,90 (0,90 - 6,30)
EER ¹⁾	Nominal (Min - Max)	W/W	4,55 (3,54 - 4,05) A	3,82 (3,54 - 3,33) A	3,13 (3,53 - 2,97) B	2,88 (3,53 - 2,86) C
SEER		W/W	5,80 A+	5,60 A+	5,80 A+	5,60 A+
Pdesign (cooling)		kW	2,50	3,40	5,00	5,90
Input power cooling	Nominal (Min - Max)	kW	0,55 (0,24 - 0,74)	0,89 (0,24 - 1,20)	1,60 (0,26 - 1,95)	2,05 (0,26 - 2,20)
Annual electricity consumption (cooling) ²⁾		kWh/a	151	213	302	369
Heating capacity	Nominal (Min - Max)	kW	3,20 (0,85 - 4,80)	4,50 (0,85 - 5,60)	5,60 (0,90 - 7,10)	7,00 (0,90 - 8,00)
Heating capacity at -7°C		kW	2,60	3,00		
COP ¹⁾	Nominal (Min - Max)	W/W	4,00 (3,70 - 3,56) A	3,17 (3,7 - 2,80) D	3,01 (3,46 - 2,92) D	2,86 (3,46 - 2,84) D
SCOP		W/W	4,00 A+	3,80 A	4,10 A+	4,10 A+
Pdesign at -10°C		kW	2,70	3,00	3,80	4,00
Input power heating	Nominal (Min - Max)	kW	0,80 (0,23 - 1,35)	1,42 (0,23 - 2,00)	1,86 (0,26 - 2,43)	2,45 (0,26 - 2,82)
Annual electricity consumption (heating) ²⁾		kWh/a	945	1.105	1.298	1.366
Indoor Unit			CS-E9PB4EA	CS-E12PB4EA	CS-E18RB4EAW	CS-E21RB4EAW
Power source		V	230	230	230	230
Recommended fuse		A	16	16	16	16
Connection		mm ²	4 x 1,5 to 2,5	4 x 1,5 to 2,5	4 x 1,5 to 2,5	4 x 1,5 to 2,5
Air volume	Cooling / Heating	m ³ /min	10,5 / 10,8	10,5 / 10,8	11,5 / 11,8	12,4 / 14,6
Moisture removal volume		L/h	1,5	2,3	2,8	3,3
Sound pressure ³⁾	Cooling (Hi / Lo / O-Lo)	dB(A)	34 / 26 / 23	34 / 26 / 23	37 / 28 / 25	42 / 33 / 30
	Heating (Hi / Lo / O-Lo)	dB(A)	35 / 28 / 25	35 / 28 / 25	38 / 29 / 26	43 / 34 / 31
Dimensions (H x W x D)	Indoor / Panel	mm	260 x 575 x 575 / 51 x 700 x 700	260 x 575 x 575 / 51 x 700 x 700	260 x 575 x 575 / 51 x 700 x 700	260 x 575 x 575 / 51 x 700 x 700
Net weight	Indoor / Panel	kg	18 / 2,5	18 / 2,5	18 / 2,5	18 / 2,5
Outdoor Unit			CU-E9PB4EA	CU-E12PB4EA	CU-E18RBEA	CU-E21RBEA
Sound pressure ³⁾	Cooling / Heating (Hi)	dB(A)	45 / 46	45 / 47	47 / 48	49 / 50
Dimensions ⁴⁾ / Net weight	H x W x D	mm / kg	622 x 824 x 299 / 36	695 x 875 x 320 / 45	695 x 875 x 320 / 47	695 x 875 x 320 / 47
Piping connections	Liquid pipe / Gas pipe	Inch (mm)	1/4 (6,35) / 3/8 (9,52)	1/4 (6,35) / 3/8 (9,52)	1/4 (6,35) / 1/2 (12,70)	1/4 (6,35) / 1/2 (12,70)
Piping length range / Elevation difference (in/out)		m	3 - 20 / 15	3 - 20 / 15	3 - 30 / 20	3 - 30 / 20
Pipe length for additional gas / Additional gas amount		m / g/m	10 / 20	10 / 20	10 / 20	10 / 20
Operating range	Cooling Min - Max	°C	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43
	Heating Min - Max	°C	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24

Accessories	
PA-AC-WIFI-1	Full bidirectional Wifi interface for Internet control
PAW-IR-WIFI-1	IR Wifi interface for Internet control

Accessories	
CZ-RD514C	Wired remote controller for wall type
CZ-CAPRA1	H Generation interface to ECOi control integration

1) EER and COP classification is at 230 V in accordance with EU directive 2002/31/EC. 2) The annual energy consumption is calculated in accordance with the ErP directive. 3) The Sound pressure level of the units shows the value measured of a position 1 metre in front of the main body and 1,5m below the ceiling in the centre of the unit. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 4) Add 70mm for piping port.



A+
5,80 SEER

A+
4,10 SCOP

INVERTER

R2 ROTARY COMPRESSOR

23dB(A)

-10°C COOLING MODE

-10°C HEATING MODE

R22 RENEWAL R410A

INTEGRATION P-LINE

INTERNET CONTROL

BMS CONNECTIVITY

5 YEARS WARRANTY

SEER and SCOP: For KIT-E18-RB4EA. SUPER QUIET: For KIT-E9-PB4EA and KIT-E12-PB4EA. INTERNET CONTROL and INTEGRATION P-LINE: Optional.