

WALL MOUNTED RE STANDARD INVERTER



CS-RE18RKEW // CS-RE24RKEW

RE Inverter models are powerful and efficient, with an outstanding energy ranking of A++/A+, unique in the market! The RE works up to an outdoor temperature of -15°C in heating mode and -10°C up to an outdoor temperature of -15°C in heating and -10 in cooling and still with a high efficiency and capacity! Furthermore, the annual energy consumption has never been so low.

Technical focus

- Wired Controller (optional)
- This units can be installed on R22 pipings
- Complete line-up of standard Inverter models
- Quieter indoor units
- High energy savings
- Long connection distance (from 15 m up to 30 m)

Kit			KIT-RE9-RKE	KIT-RE12-RKE	KIT-RE18-RKE	KIT-RE24-RKE
Cooling capacity	Nominal (Min - Max)	kW	2.50 (0.85 - 3.00)	3.50 (0.85 - 3.90)	5.00 (0.98 - 6.00)	6.80 (0.98 - 8.10)
EER ¹⁾	Nominal (Min - Max)	W/W	3.73 (3.40 - 3.16) A	3.50 (3.33 - 3.28) A	3.40 (3.50 - 2.96) A	3.24 (2.58 - 3.03) A
SEER	Nominal	W/W	6.10 ◀A++	6.10 ◀A++	6.70 ◀A++	6.00 ◀A+
Pdesign (cooling)		kW	2.5	3.5	5.0	6.8
Power input cooling	Nominal (Min - Max)	kW	0.670 (0.250 - 0.950)	1.000 (0.255 - 1.190)	1.470 (0.280 - 2.030)	2.100 (0.380 - 2.670)
Annual electricity consumption (cooling) ²⁾		kWh/a	143	201	261	397
Heating capacity	Nominal (Min - Max)	kW	3.30 (0.80 - 4.10)	4.00 (0.80 - 5.10)	5.80 (0.98 - 8.00)	8.60 (0.98 - 9.90)
Heating capacity at -7°C	Nominal	kW	2.70	3.30	4.98	6.13
COP ¹⁾	Nominal (Min - Max)	W/W	4.13 (4.10 - 3.63) A	3.81 (4.00 - 3.59) A	3.77 (2.88 - 3.08) A	3.30 (2.18 - 3.16) C
SCOP	Nominal	W/W	4.00 ◀A+	4.00 ◀A+	4.10 ◀A+	3.80 ◀A
Pdesign at -10°C		kW	2.4	2.8	4.4	5.5
Power input heating	Nominal (Min - Max)	kW	0.800 (0.195 - 1.130)	1.050 (0.200 - 1.420)	1.540 (0.340 - 2.600)	2.610 (0.450 - 3.130)
Annual electricity consumption (heating) ²⁾		kWh/a	840	980	1,502	2,026
Indoor Unit			CS-RE9RKEW	CS-RE12RKEW	CS-RE18RKEW	CS-RE24RKEW
Air volume	Cooling / Heating	m³/h	702 / 768	762 / 804	978 / 1,074	1,104 / 1,170
Moisture removal volume		l/h	1.5	2.0	2.8	3.9
Sound pressure level ³⁾	Cooling — Heating (Hi / Lo / Q-Lo)	dB(A)	41 / 26 / 22 — 41 / 27 / 24	42 / 30 / 22 — 42 / 33 / 25	44 / 37 / 34 — 44 / 37 / 34	47 / 38 / 35 — 47 / 38 / 35
Dimensions / Net weight	H x W x D	mm / kg	290 x 870 x 214 / 9		290 x 1,070 x 240 / 12	
Silver decoration sheet			Yes			
Outdoor Unit			CU-RE9RKE	CU-RE12RKE	CU-RE18RKE	CU-RE24RKE
Power source		V	230			
Recommended fuse		A	16			
Connection (indoor/outdoor)		mm²	4 x 1.5			
Air volume	Cooling / Heating	m³/h	1,926 / 1,872	1,998 / 1,998	2,352 / 2,274	3,012 / 3,012
Sound pressure level ³⁾	Cooling / Heating (Hi)	dB(A)	47 / 48	48 / 50	47 / 47	52 / 52
Dimensions ⁴⁾ / Net weight	H x W x D	mm / kg	542 x 780 x 289 / 31	619 x 824 x 299 / 34	695 x 875 x 320 / 46	795 x 875 x 320 / 67
Piping connections	Liquid / Gas pipe	Inch	1/4 / 3/8		1/4 / 1/2	
Piping length range / Elevation difference (in/out)		m	3 - 15 / 15		3 - 20 / 15	
Pipe length for additional gas / Additional gas amount		m / g/m	7.5 / 20		10.0 / 30	
Operating range	Cooling / Heating Min ~ Max	°C	-10 ~ +43 / -15 ~ +24			

Accessories	
PAW-IR-WIFI-1	IR Wifi interface for Internet control

Accessories	
CZ-RD514C	Wired remote control for wall type

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 0.8m below the unit. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. Q-Lo: The lowest fan speed. Lo: The second lowest fan speed (the lowest fan speed for RE18/24). 4) Add 70mm for piping port.

CU-RE9RKE

CU-RE12RKE

CU-RE18RKE

CU-RE24RKE

Included for RE9 and RE12

Included for RE18 and RE24

A++
6.70 SEER

A+
4.10 SCOP

INVERTER
COMPRESSOR

22dB(A)
SUPER QUIET

R22 / R410A
R22 RENEWAL

INTERNET CONTROL

PCB
DRY CONTACT

5 YEARS
COMPRESSOR WARRANTY

SEER and SCOP: For KIT-RE18-RKE. SUPER QUIET: For KIT-RE9-RKE and KIT-RE12-RKE. INTERNET CONTROL: Optional. 5 YEARS COMPRESSOR WARRANTY: Only for PRO Partners.

Rating Conditions: Cooling Indoor 27°C DB / 19°C WB. Cooling Outdoor 35°C DB / 24°C WB. Heating Indoor 20°C DB. Heating Outdoor 7°C DB / 6°C WB. (DB: Dry Bulb; WB: Wet Bulb)
Specifications subject to change without notice. For detailed information about ErP, please visit our websites www.aircon.panasonic.co.uk or www.plc.panasonic.eu.