

WALL MOUNTED RE TYPE STANDARD INVERTER

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 a 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.



INTERNET CONTROL READY: Optional. SEER and SCOP: For KIT-RE18-RKE. SUPER QUIET: For RE9 and RE12.

Kit			KIT-RE9-RKE	KIT-RE12-RKE	KIT-RE15-RKE	KIT-RE18-RKE	KIT-RE24-RKE
Indoor			CS-RE9RKEW	CS-RE12RKEW	CS-RE15RKEW	CS-RE18RKEW	CS-RE24RKEW
Outdoor			CU-RE9RKE	CU-RE12RKE	CU-RE15RKE	CU-RE18RKE	CU-RE24RKE
Cooling capacity	Nominal (Min - Max)	kW	2,50 (0,85 - 3,00)	3,50 (0,85 - 3,90)	4,20 (0,85 - 4,60)	5,00 (0,98 - 6,00)	6,80 (0,98 - 8,10)
	Nominal (Min - Max)	kCal/h	2.150 (730 - 2.580)	3.010 (730 - 3.350)	3.610 (730 - 3.960)	4.300 (840 - 5.160)	5.850 (840 - 6.970)
EER ¹⁾	Nominal (Min - Max)	Energy Saving	3,73 (3,40 - 3,16) A	3,50 (3,33 - 3,28) A	3,33 (3,21 - 2,79) A	3,40 (3,50 - 2,96) A	3,24 (2,58 - 3,03) A
SEER	Nominal	Energy Saving	6,10 A++	6,10 A++	5,60 A++	6,70 A++	6,00 A++
Pdesign (cooling)		kW	2,5	3,5	4,2	5,0	6,8
Power input cooling	Nominal (Min - Max)	kW	0,670 (0,250 - 0,950)	1,000 (0,255 - 1,190)	1,260 (0,265 - 1,650)	1,470 (0,280 - 2,030)	2,100 (0,380 - 2,670)
Annual electricity consumption (cooling) ²⁾		kWh/a	143	201	263	261	397
Heating capacity	Nominal (Min - Max)	kW	3,30 (0,80 - 4,10)	4,00 (0,80 - 5,10)	5,00 (0,80 - 6,80)	5,80 (0,98 - 8,00)	8,60 (0,98 - 9,90)
	Nominal (Min - Max)	kCal/h	2.840 (690 - 3.530)	3.440 (690 - 4.390)	4.300 (690 - 5.850)	4.990 (840 - 6.880)	7.400 (840 - 8.510)
Heating capacity at -7°C	Nominal	kW	2,70	3,30	3,90	4,98	6,13
COP ¹⁾	Nominal (Min - Max)	Energy Saving	4,13 (4,10 - 3,63) A	3,81 (4,00 - 3,59) A	3,70 (4,00 - 3,32) A	3,77 (2,88 - 3,08) A	3,30 (2,18 - 3,16) C
SCOP	Nominal	Energy Saving	4,00 A++	4,00 A++	3,80 A++	4,10 A++	3,80 A++
Pdesign at -10°C		kW	2,4	2,8	3,6	4,4	5,5
Power input heating	Nominal (Min - Max)	kW	0,800 (0,195 - 1,130)	1,050 (0,200 - 1,420)	1,350 (0,200 - 2,050)	1,540 (0,340 - 2,600)	2,610 (0,450 - 3,130)
Annual electricity consumption (heating) ²⁾		kWh/a	840	980	1.326	1.502	2.026
Indoor Unit							
Connection (indoor/outdoor)			mm ²	4 x 1,5	4 x 1,5	4 x 1,5	4 x 1,5
Current (Nominal)	Cooling / Heating	A	2,95 / 3,50	4,40 / 4,60	5,60 / 6,00	6,60 / 6,90	9,60 / 11,70
Maximum current		A	5,0	6,2	9,2	11,4	14,5
Air volume	Cooling / Heating	m ³ /h	702 / 768	762 / 804	750 / 804	978 / 1.074	1.104 / 1.170
Moisture removal volume		l/h	1,5	2,0	2,4	2,8	3,9
Sound pressure level ³⁾	Cooling (Hi / Lo / Q-Lo)	dB(A)	41 / 26 / 22	42 / 30 / 22	44 / 31 / 29	44 / 37 / 34	47 / 38 / 35
	Heating (Hi / Lo / Q-Lo)	dB(A)	41 / 27 / 24	42 / 33 / 25	44 / 35 / 28	44 / 37 / 34	47 / 38 / 35
Sound power level	Cooling (Hi)	dB	57	58	60	61	63
	Heating (Hi)	dB	57	58	60	61	63
Dimensions	H x W x D	mm	290 x 870 x 214	290 x 870 x 214	290 x 870 x 214	290 x 1.070 x 240	290 x 1.070 x 240
Net weight		kg	9	9	9	12	12
Silver decoration sheet			Yes	Yes	Yes	Yes	Yes
Outdoor Unit							
Power source	V		230	230	230	230	230
Recommended fuse	A		16	16	16	16	16
Recommended power cable section	mm ²		1,5	1,5	2,5	2,5	2,5
Air volume	Cooling / Heating	m ³ /h	1.926 / 1.872	1.998 / 1.998	1.998 / 1.998	2.352 / 2.274	3.012 / 3.012
Sound pressure level ³⁾	Cooling (Hi)	dB(A)	47	48	49	47	52
	Heating (Hi)	dB(A)	48	50	51	47	52
Sound power level	Cooling (Hi)	dB	62	63	64	61	66
	Heating (Hi)	dB	63	65	66	61	66
Dimensions ⁴⁾	H x W x D	mm	542 x 780 x 289	619 x 824 x 299	619 x 824 x 299	695 x 875 x 320	795 x 875 x 320
Net weight		kg	31	34	34	46	67
Piping connections	Liquid / 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)	1/4 (6,35) / 5/8 (15,88)
Refrigerant loading	R410A	kg	0,85	0,99	1,01	1,19	1,80
Elevation difference (in/out)	Max	m	15	15	15	15	20
Piping length	Min / Max	m	3 / 15	3 / 15	3 / 15	3 / 20	3 / 30
Precharge length	Max	m	7,5	7,5	7,5	7,5	10,0
Additional charge		g/m	20	20	20	20	30
Operating range	Cooling Min / Max	°C	-10 / +43	-10 / +43	-10 / +43	-10 / +43	-10 / +43
	Heating Min / Max	°C	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24

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)

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 0,8 m 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 70 mm for piping port. Specifications subject to change without notice.

For detailed information about ErP, please visit our websites www.aircon.panasonic.eu or www.ptc.panasonic.eu.



CS-RE18RKEW // CS-RE24RKEW

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)

Features

HEALTHY AIR

- Odour-removing function

ENERGY, EFFICIENCY AND ECOLOGY

- Inverter system
- R410A refrigerant gas

COMFORT

- Super Quiet
- Automatic vertical airflow control
- Hot start mode
- Automatic restart
- Simple change over

EASE OF USE

- Wired Controller (optional)
- User friendly infrared remote control

EASY INSTALLATION AND MAINTENANCE

- 15 m maximum connection distance (20 m for RE18 and 30 m for RE24)
- Removable, washable panel
- Maintenance access through the top panel of the outdoor unit
- Self-diagnosis function



CU-RE9RKE



CU-RE12RKE
CU-RE15RKE



CU-RE18RKE



CU-RE24RKE



Included for RE9,
RE12 and RE15.



Included for
RE18 and RE24.



Optional wired remote
control CZ-RD514C