

NEW



Panasonic



NEW WALL MOUNTED RE-3 INVERTER, POWERFUL AND EFFICIENT

Complete line-up of standard Inverter models
Quieter indoor units
High energy savings

Economical, environment-friendly operation High SCOP (Seasonal Coefficient of Performance)

Original Panasonic Inverter technology and a high performance compressor provide top-class operating efficiency. This lets you enjoy lower electricity bills while contributing to environmental protection.

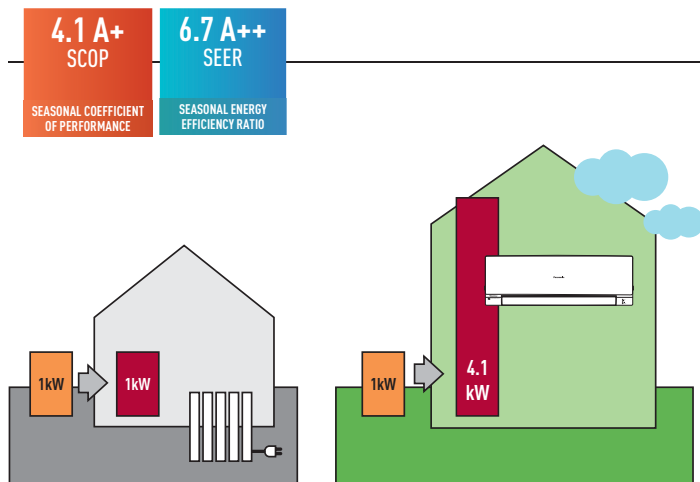
Powerful Mode

The rapid and effective powerful mode is ideal for when you come home on the hottest or coldest days. It works at maximum power to reach the desired temperature in 15 minutes.

Panasonic technology for comfort

Extremely quiet. We have succeeded in making one of the most silent air conditioners on the market. The indoor unit runs silently with a slow fan speed. When you press the Quiet Mode button on the remote control, the operating sound level reduces even further, down to 22 dB¹. We produce discreet air conditioners which do not disturb you, even when the room is at its quietest.

For KIT-RE9-PKE-3 and KIT-RE12-PKE-3.



* SCOP On heating mode compared with electrical heaters at +7°C.

**WALL MOUNTED RE-3 TYPE
STANDARD INVERTER**

**KIT-RE9-PKE-3 // KIT-RE12-PKE-3 //
KIT-RE15-PKE-3 // KIT-RE18-PKE-3 //
KIT-RE24-PKE-3**

HEALTHY AIR

- Odour-removing function
- Anti-mould filter

ENERGY, EFFICIENCY AND ECOLOGY

- Inverter system
- R410A refrigerant gas

COMFORT

- Super Quiet mode (for RE9, RE12)
- Powerful mode (for RE9, RE12 and RE15)
- Automatic vertical airflow control
- Hot start mode
- Automatic restart
- Simple change over

EASE OF USE

- 12-hr timer (only for RE9, RE12 and RE15)
- User friendly infrared remote control

EASY INSTALLATION AND MAINTENANCE

- Removable, washable panel
- Maintenance access through the top panel of the outdoor unit
- Self-diagnosis function



CS-RE9PKE-3 // CS-RE12PKE-3 // CS-RE15PKE-3



For RE9, RE12 and RE15. Included with the indoor unit

For RE18 and RE24. Included with the indoor unit

CU-RE9PKE-3
CU-RE12PKE-3
CU-RE15PKE-3

CU-RE18PKE-3

CU-RE24PKE-3

Kit			KIT-RE9-PKE-3	KIT-RE12-PKE-3	KIT-RE15-PKE-3	KIT-RE18-PKE-3	KIT-RE24-PKE-3
Indoor			CS-RE9PKE-3	CS-RE12PKE-3	CS-RE15PKE-3	CS-RE18PKE-3	CS-RE24PKE-3
Outdoor			CU-RE9PKE-3	CU-RE12PKE-3	CU-RE15PKE-3	CU-RE18PKE-3	CU-RE24PKE-3
Cooling capacity	Nominal (Min - Max)	kW	2.50 (0.90-3.00)	3.50 (0.90-3.90)	4.20 (1.00-4.60)	5.00 (0.98-6.00)	6.80 (0.98-8.10)
	Nominal (Min - Max)	kCa/h	2,150 (770-2,580)	3,010 (770-3,350)	3,610 (860-3960)	4,300 (840-5,160)	5,850 (840-6,970)
EER ¹⁾	Nominal (Min - Max)	Energy Saving	3.57 (4.74-3.00) ◀A	3.47 (5.29-3.25) ◀A	3.33 (4.76-2.78) ◀A	3.40 (3.50-2.96) ◀A	3.24 (2.58-3.03) ◀A
SEER	Nominal	Energy Saving	5.6 ◀A+	5.6 ◀A+	5.6 ◀A+	6.7 ◀A+	5.9 ◀A+
Pdesign (cooling)		kW	2.5	3.5	4.2	5.0	6.8
Power input Cooling	Nominal (Min - Max)	kW	0.70 (0.19-1.00)	1.01 (0.17-1.2)	1.26 (0.21-1.65)	1.47 (0.28-2.03)	2.10 (0.38-2.67)
Annual electricity consumption (cooling) ²⁾		kWh	156	219	263	261	403
Heating capacity	Nominal (Min - Max)	kW	3.30 (0.90-4.10)	4.25 (0.90-5.10)	5.00 (0.90-6.80)	5.80 (0.98-8.00)	8.60 (0.98-9.90)
	Nominal (Min - Max)	kCa/h	2,840 (770-3,530)	3,660 (770-4,390)	4,300 (770-5850)	4,990 (840-6,880)	7,400 (840-8,510)
Heating capacity at -7°C	Nominal	kW	3.00	3.70	4.93	4.98	6.13
COP ¹⁾	Nominal (Min - Max)	Energy Saving	4.02 (5.29-3.57) ◀A	3.79 (6.00-3.49) ◀A	3.61 (4.28-2.98) ◀A	3.77 (2.88-3.08) ◀A	3.28 (2.18-3.14) ◀C
SCOP	Nominal	Energy Saving	3.4 ◀A	3.4 ◀A	3.4 ◀A	4.1 ◀A+	3.4 ◀A
Pdesign at -10 °C		kW	2.5	3.2	3.6	4.4	5.5
Power input Heating	Nominal (Min - Max)	kW	0.82 (0.17-1.15)	1.12 (0.15-1.46)	1.385(0.21-2.280)	1.54 (0.34-2.60)	2.62 (0.45-3.15)
Annual electricity consumption (heating) ²⁾		kWh	1029	1318	1482	1502	2265
Indoor Unit							
Power source		V	230	230	230	230	230
Recommended Fuse		A	16	16	16	20	20
Recommended power cable section		mm ²	1.5	1.5	1.5	2.5	2.5
Connection (indoor/outdoor)		mm ²	4 x 1.5	4 x 1.5	4 x 1.5	4 x 2.5	4 x 2.5
Current (Nominal)	Cooling / Heating	A	3.3 / 3.8	4.7 / 5.2	6.0 / 6.3	6.6 / 6.9	9.6 / 11.8
		A	6.3	8.4	10.5	11.4	13.9
Air Volume	Cooling / Heating	m ³ /h	750 / 666	750 / 750	822 / 870	978 / 1,074	1,104 / 1,164
Moisture removal volume		l/h	1.4	2	2.4	2.8	3.9
Sound pressure Level ³⁾	Cooling - Heating (Hi / Lo / S-Lo)	dB(A)	42 / 27 / 22 - 42 / 27 / 25	42 / 30 / 22 - 42 / 33 / 25	44 / 31 / 29 - 46 / 34 / 28	44 / 37 - 44 / 37	47 / 38 - 47 / 38
	Cooling / Heating (Hi)	dB	58 / 58	58 / 58	60 / 62	60 / 60	63 / 63
Dimensions	H x W x D	mm	290 x 848 x 213	290 x 848 x 213	290 x 848 x 213	290 x 1,070 x 240	290 x 1,070 x 240
Net weight		kg	8	8	8	12	12
Outdoor Unit							
Air Volume	Cooling / Heating	m ³ /h	1,902 / 1,842	1,956 / 1,896	1,956 / 1,956	2,352 / 2,274	3,012 / 3,012
Sound pressure Level ³⁾	Cooling / Heating (Hi)	dB(A)	47 / 48	48 / 50	49 / 51	47 / 47	52 / 52
	Cooling / Heating (Hi)	dB	63 / 64	64 / 66	65 / 67	61 / 61	66 / 66
Dimensions ⁴⁾	H x W x D	mm	540 x 780 x 289	540 x 780 x 289	540 x 780 x 289	695 x 875 x 320	795 x 875 x 320
Net weight		kg	23	26	27	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	0.77	0.86	0.92	1.22	1.8
Elevation difference (in/out)	Max	m	10	10	10	15	20
		m	3 / 15	3 / 15	3 / 15	3 / 20	3 / 30
Precharge length	Max	m	7	7	7	7.5	10
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 at a position 1 meter 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. 4) Add 70 mm for piping port. Specifications subject to change without notice.

For detailed information about ErP, please visit our page <http://www.doc.panasonic.eu>

A class energy saving
Inverter System. The Inverter range provides greater efficiency, more comfort and less noise than classic air conditioners. The Inverter system provides more precise temperature control, and keeps the ambient temperature constant.

6.7 A++ SEER
Exceptional Seasonal Cooling Efficiency based on the new ErP regulation. Higher the SEER ratings mean greater efficiency. Save all the year while cooling!

4.1 A+ SCOP
Exceptional Seasonal Heating Efficiency based on the new ErP regulation. Higher the SCOP ratings mean greater efficiency. Save all the year while heating!

Silent air 22 dB
Super Quiet Mode. Thanks to its latest generation compressor and its twin blade fan, our outdoor unit is one of the most silent on the market. The indoor unit emits an almost imperceptible 22 dB.

5 year compressor warranty
5 Years Warranty. We guarantee the compressors in the entire range for five years.

Panasonic

To find out how Panasonic cares for you, log on to: www.aircon.panasonic.eu

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