

WALL MOUNTED UE STANDARD INVERTER



CS-UE18RKE

New UE series inverter powerful and efficient.

Technical focus

- Wired Controller (optional)
- This units can be installed on R22 pipings
- Quieter indoor units
- High energy savings
- Long connection distance

Kit			KIT-UE9-RKE	KIT-UE12-RKE	KIT-UE18-RKE
Cooling capacity	Nominal (Min - Max)	kW	2,50 (0,85 - 3,00)	3,50 (0,85 - 3,90)	5,00 (0,98 - 5,60)
EER ¹⁾	Nominal (Min - Max)	W/W	3,47 (3,40 - 2,94) A	3,21 (3,33 - 3,05) A	3,25 (3,44 - 3,20) A
SEER	Nominal	W/W	5,60 A+	5,60 A+	6,50 A++
Pdesign (cooling)		kW	2,5	3,5	5,0
Power input cooling	Nominal (Min - Max)	kW	0,720 (0,250 - 1,020)	1,090 (0,255 - 1,280)	1,540 (0,285 - 1,750)
Annual electricity consumption (cooling) ²⁾		kWh/a	156	219	269
Heating capacity	Nominal (Min - Max)	kW	3,30 (0,80 - 4,10)	4,00 (0,80 - 5,10)	5,40 (0,98 - 7,70)
Heating capacity at -7°C	Nominal	kW	2,66	3,20	4,79
COP ¹⁾	Nominal (Min - Max)	W/W	3,84 (4,10 - 3,47) A	3,64 (4,00 - 3,47) A	3,67 (2,80 - 3,35) A
SCOP	Nominal	W/W	3,80 A	3,80 A	4,30 A+
Pdesign at -10 °C		kW	1,9	2,4	4,0
Power input heating	Nominal (Min - Max)	kW	0,860 (0,195 - 1,180)	1,100 (0,200 - 1,470)	1,470 (0,350 - 2,300)
Annual electricity consumption (heating) ²⁾		kWh/a	700	884	1.302
Indoor Unit			CS-UE9RKE	CS-UE12RKE	CS-UE18RKE
Power source		V	230	230	230
Recommended fuse		A	16	16	16
Connection indoor / outdoor		mm ²	4 x 1,5	4 x 1,5	4 x 1,5
Air volume	Cooling / Heating	m ³ /h	702 / 768	762 / 804	978 / 1.074
Moisture removal volume		l/h	1,5	2,0	2,8
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
Dimensions ⁴⁾ / Net weight	H x W x D	mm / kg	290 x 870 x 214 / 9	290 x 870 x 214 / 9	290 x 1.070 x 240 / 12
Outdoor Unit			CU-UE9RKE	CU-UE12RKE	CU-UE18RKE
Air volume	Cooling / Heating	m ³ /h	1.926 / 1.872	1.860 / 1.860	2.064 / 2.040
Sound pressure level ³⁾	Cooling / Heating (Hi)	dB(A)	47 / 48	48 / 50	48 / 49
Dimensions ⁴⁾ / Net weight	H x W x D	mm / kg	542 x 780 x 289 / 31	542 x 780 x 289 / 33	619 x 824 x 299 / 38
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)
Piping length range / Elevation difference (in/out) ⁵⁾		m	3 - 15 / 15	3 - 15 / 15	3 - 15 / 15
Pipe length for additional gas / Additional gas amount		m / g/m	7,5 / 20	7,5 / 20	7,5 / 20
Operating range	Cooling / Heating Min ~ Max	°C	+5 ~ +43 / -10 ~ +24	+5 ~ +43 / -10 ~ +24	+5 ~ +43 / -10 ~ +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 0,8 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 UE18) 4) Add 70mm for piping port. 5) When installing the outdoor unit at a higher position than the indoor unit.



CU-UE9RKE
CU-UE12RKE



CU-UE18RKE



Included for
UE9 and UE12



Included for
UE18



Optional wired
remote control
CZ-RD514C



SEER and SCOP: For KIT-UE18-RKE. SUPER QUIET: For KIT-UE9-RKE and KIT-UE12-RKE. INTERNET CONTROL: Optional.

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.eu or www.ptc.panasonic.eu.