

## 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-RE15-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)          | 4,20 (0,85 - 4,60)          | 5,00 (0,98 - 6,00)          | 6,80 (0,98 - 8,10)          |
| EER <sup>1)</sup>                                      | Nominal (Min - Max)                | W/W       | 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                            | W/W       | 6,10 <b>A++</b>             | 6,10 <b>A++</b>             | 5,60 <b>A+</b>              | 6,70 <b>A++</b>             | 6,00 <b>A+</b>              |
| 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) <sup>2)</sup> |                                    | 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)          |
| Heating capacity at -7°C                               | Nominal                            | kW        | 2,70                        | 3,30                        | 3,90                        | 4,98                        | 6,13                        |
| COP <sup>1)</sup>                                      | Nominal (Min - Max)                | W/W       | 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                            | W/W       | 4,00 <b>A+</b>              | 4,00 <b>A+</b>              | 3,80 <b>A</b>               | 4,10 <b>A+</b>              | 3,80 <b>A</b>               |
| 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) <sup>2)</sup> |                                    | kWh/a     | 840                         | 980                         | 1.326                       | 1.502                       | 2.026                       |
| Indoor Unit                                            |                                    |           | CS-RE9RKEW                  | CS-RE12RKEW                 | CS-RE15RKEW                 | CS-RE18RKEW                 | CS-RE24RKEW                 |
| Air volume                                             | Cooling / Heating                  | m³/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 <sup>3)</sup>                     | Cooling — Heating (Hi / Lo / Q-Lo) | dB(A)     | 41 / 26 / 22 — 41 / 27 / 24 | 42 / 30 / 22 — 42 / 33 / 25 | 44 / 31 / 29 — 44 / 35 / 28 | 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 870 x 214 / 9         | 290 x 870 x 214 / 9         | 290 x 1.070 x 240 / 12      | 290 x 1.070 x 240 / 12      |
| Silver decoration sheet                                |                                    |           | Yes                         | Yes                         | Yes                         | Yes                         | Yes                         |
| Outdoor Unit                                           |                                    |           | CU-RE9RKE                   | CU-RE12RKE                  | CU-RE15RKE                  | CU-RE18RKE                  | CU-RE24RKE                  |
| Power source                                           |                                    | V         | 230                         | 230                         | 230                         | 230                         | 230                         |
| Recommended fuse                                       |                                    | A         | 16                          | 16                          | 16                          | 16                          | 16                          |
| Connection (indoor/outdoor)                            |                                    | mm²       | 4 x 1,5                     | 4 x 1,5                     | 4 x 1,5                     | 4 x 1,5                     | 4 x 1,5                     |
| Air volume                                             | Cooling / Heating                  | m³/h      | 1.926 / 1.872               | 1.998 / 1.998               | 1.998 / 1.998               | 2.352 / 2.274               | 3.012 / 3.012               |
| Sound pressure level <sup>3)</sup>                     | Cooling / Heating (Hi)             | dB(A)     | 47 / 48                     | 48 / 50                     | 49 / 51                     | 47 / 47                     | 52 / 52                     |
| Dimensions <sup>4)</sup> / Net weight                  | H x W x D                          | mm / kg   | 542 x 780 x 289 / 31        | 619 x 824 x 299 / 34        | 619 x 824 x 299 / 34        | 695 x 875 x 320 / 46        | 795 x 875 x 320 / 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)    |
| Piping length range / Elevation difference (in/out)    |                                    | m         | 3 ~ 15 / 15                 | 3 ~ 15 / 15                 | 3 ~ 15 / 15                 | 3 ~ 20 / 15                 | 3 ~ 30 / 20                 |
| Pipe length for additional gas / Additional gas amount |                                    | m / g/m   | 7,5 / 20                    | 7,5 / 20                    | 7,5 / 20                    | 7,5 / 20                    | 10,0 / 30                   |
| Operating range                                        | Cooling / Heating Min ~ Max        | °C        | -10 ~ +43 / -15 ~ +24       | -10 ~ +43 / -15 ~ +24       | -10 ~ +43 / -15 ~ +24       | -10 ~ +43 / -15 ~ +24       | -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 0,8 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 70mm for piping port.



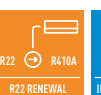
CU-RE9RKE

CU-RE12RKE  
CU-RE15RKE

CU-RE18RKE



CU-RE24RKE

Included for RE9,  
RE12 and RE15Included for  
RE18 and RE24

SEER and SCOP: For KIT-RE18-RKE. SUPER QUIET: For KIT-RE9-RKE and KIT-RE12-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](http://www.aircon.panasonic.eu) or [www.ptc.panasonic.eu](http://www.ptc.panasonic.eu).