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 / Energy Labelling, please visit our websites www.aircon.panasonic.eu or www.ptc.panasonic.eu.

Accessories
CZ-CAPRA1 RAC interface adapter for integration into S-Link

Accessories

CZ-RD517C Wired remote controller for wall-mounted and floor

console

KIT KIT-TZ20-CKE KIT-TZ25-CKE KIT-TZ35-CKE KIT-TZ42-CKE KIT-TZ50-CKE KIT-TZ60-CKE KIT-TZ71-CKE

Cooling capacity Nominal (Min - Max) kW 2,00 (0,75 - 2,50) 2,50 (0,85 - 3,00) 3,50 (0,85 - 4,00) 4,20 (0,85 - 4,60) 5,00 (0,98 - 5,60) 6,00 (0,98 - 6,60) 7,10 (0,98 - 8,40)
EER 1) Nominal (Min - Max) W/W 4,08 (4,17 - 3,91) 3,85 (4,05 - 3,41) 3,57 (3,62 - 3,33) 3,36 (3,62 - 2,80) 3,13 (3,92 - 2,96) 3,24 (3,92 - 2,87) 3,23 (2,33 - 2,80)
SEER 2) 7,00 A++ 7,30 A++ 7,30 A++ 6,60 A++ 6,90 A++ 6,90 A++ 6,30 A++
Pdesign (cooling) kW 2,0 2,5 3,5 4,2 5,0 6,0 7,1
Input power Nominal (Min - Max) kW 0,49 (0,18 - 0,64) 0,65 (0,21 - 0,88) 0,98 (0,24 - 1,20) 1,25 (0,24 - 1,64) 1,60 (0,25 - 1,89) 1,85 (0,25 - 2,30) 2,20 (0,42 - 3,00)
Annual energy consumption 3) kWh/a 100 120 168 223 254 304 394
Heating capacity Nominal (Min - Max) kW 2,70 (0,70 - 3,60) 3,30 (0,80 - 4,10) 4,00 (0,80 - 5,10) 5,00 (0,80 - 6,80) 5,80 (0,98 - 7,50) 7,00 (0,98 - 8,20) 8,20 (0,98 - 10,20)
Heating capacity at -7!°C kW 2,35 2,70 3,30 3,90 4,62 4,90 6,31
COP 1) Nominal (Min - Max) W/W 4,15 (4,24 - 3,53) 4,18 (4,21 - 3,66) 4,04 (4,10 - 3,70) 3,73 (4,10 - 3,33) 3,41 (4,67 - 3,26) 3,72 (4,67 - 3,57) 3,71 (2,45 - 3,29)
SCOP 2) 4,60 A++ 4,60 A++ 4,60 A++ 4,10 A+ 4,50 A+ 4,30 A+ 4,10 A+
Pdesign at -10!°C kW 2,1 2,4 2,8 3,6 4,0 4,4 5,5
Input power Nominal (Min - Max) kW 0,65 (0,17 - 1,02) 0,79 (0,19 - 1,12) 0,99 (0,20 - 1,38) 1,34 (0,20 - 2,04) 1,70 (0,21 - 2,30) 1,88 (0,21 - 2,30) 2,21 (0,40 - 3,10)
Annual energy consumption 3) kWh/a 639 730 852 1 229 1 244 1 433 1 878
Indoor unit CS-TZ20CKEW CS-TZ25CKEW CS-TZ35CKEW CS-TZ42CKEW CS-TZ50CKEW CS-TZ60CKEW CS-TZ71CKEW
Power supply V 230 230 230 230 230 230 230
Recommended fuse A 16 16 16 16 16 20 20
Connection indoor / outdoor mm² 4x1,5 4x1,5 4x1,5 4x1,5 4x2,5 4x2,5 4x2,5
Air flow Cool / Heat m³/min 10,0 / 10,5 11,0 / 11,5 11,8 / 12,3 12,6 / 13,3 12,6 / 13,4 19,9 / 21,0 20,4 / 21,6
Moisture removal volume L/h 1,3 1,5 2 2,4 2,8 3,3 4,1

Sound pressure 4) Cool (Hi / Lo / Q-Lo) dB(A) 37 / 25 / 20 40 / 26 / 20 42 / 30 / 20 44 / 31 / 25 44 / 37 / 33 45 / 37 / 34 47 / 38 / 35

Heat (Hi / Lo / Q-Lo) dB(A) 38 / 26 / 21 40 / 27 / 21 42 / 33 / 21 44 / 35 / 28 44 / 37 / 33 45 / 37 / 34 47 / 38 / 35
Dimension H x W x D mm 290 x 765 x 214 290 x 765 x 214 290 x 765 x 214 290 x 765 x 214 290 x 765 x 214 295 x 1 060 x 249 295 x 1 060 x 249
Net weight kg 9 9 9 9 9 14 15
nanoe!X Generator Mark!2 Mark!2 Mark!2 Mark!2 Mark!2 Mark!2 Mark!2
Outdoor unit CU-TZ20CKE CU-TZ25CKE CU-TZ35CKE CU-TZ42CKE CU-TZ50CKE CU-TZ60CKE CU-TZ71CKE
Air flow Cool / Heat m³/min 29,7 / 29,7 30,0 / 28,9 28,7 / 29,7 31,0 / 29,5 32,7 / 32,7 34,4 / 35,6 44,7 / 45,8
Sound pressure 4) Cool / Heat (Hi) dB(A) 46 / 47 47 / 48 48 / 50 49 / 51 48 / 49 49 / 51 52 / 54
Dimension 5) H x W x D mm 542 x 780 x 289 542 x 780 x 289 542 x 780 x 289 542 x 780 x 289 619 x 824 x 299 619 x 824 x 299 695 x 875 x 320
Net weight kg 24 25 30 31 35 36 45

Piping diameter Liquid Inch (mm) 1/4 (6,35) 1/4 (6,35) 1/4 (6,35) 1/4 (6,35) 1/4 (6,35) 1/4 (6,35) 1/4 (6,35)

Gas Inch (mm) 3/8 (9,52) 3/8 (9,52) 3/8 (9,52) 1/2 (12,70) 1/2 (12,70) 1/2 (12,70) 5/8 (15,88)
Pipe length range m 3 ~ 15 3 ~ 15 3 ~ 15 3 ~ 15 3 ~ 20 3 ~ 30 3 ~ 30
Elevation difference (in / out) m 15 15 15 15 15 15 20
Pre-charged pipe length m 7,5 7,5 7,5 7,5 10 10 10
Additional gas amount g/m 10 10 10 10 15 15 25
Refrigerant (R32) / CO₂ Eq. kg / T 0,50 / 0,34 0,58 / 0,39 0,68 / 0,46 0,79 / 0,53 1,03 / 0,70 1,22 / 0,82 1,32 / 0,89

Operating range

Cool Min!~!Max °C -10 ~ +43 -10 ~ +43 -10 ~ +43 -10 ~ +43 -10 ~ +43 -10 ~ +43 -10 ~ +43
Heat Min!~!Max °C -15 ~ +24 -15 ~ +24 -15 ~ +24 -15 ~ +24 -15 ~ +24 -15 ~ +24 -15 ~ +24
1) EER and COP calculation is based in accordance to EN 14511. 2) Energy Label Scale from A+++ to D. 3) The annual energy consumption is calculated in accordance to EU/626/2011. 4) The sound pressure of the indoor unit shows the value measured of a position of 1 m in front of the main body and 0,8 m below the unit. For outdoor unit 1 m in front and 1 m in rear side of main body. The sound pressure is measured in accordance with JIS C 9612. Q-Lo: Quiet mode. Lo: The lowest set fan speed. 5) Add 70 mm for piping port.

SEER and SCOP: For KIT-TZ25-CKE and KIT-TZ35-CKE. SUPER QUIET: For KIT-TZ20-CKE, KIT-TZ25-CKE and KIT-TZ35-CKE. INTERNET CONTROL: Built-in Wi-Fi.

BMS CONNECTIVITY

R32
REFRIGERANT R2 ROTARY 7,30 SEER COMPRESSOR BUILT-IN WI-FI

A++

4,60 SCOP 20 dB(A)

A++

YEARS

COMPRESSOR 5 WARRANTY

R22 R410A

R22 RENEWAL INTEGRATION AEROWINGS TO S-LINK

NEW! Wall-mounted TZ super-compact ·!R32
· nanoe™!X (Generator Mark!2): Improve protection 24/7
· Aerowings: Enhanced air flow comfort
· Super Quiet at just 20!dB(A)
· Built-in Wi-Fi: Smart control via Comfort Cloud App
· Compatible with Google Assistant and Amazon Alexa
· Elegant and space saving design, only 765!mm wide
· Optimized design for easy installation 2.0

Built-in

187

NEW RANGE DOMESTIC