



CZ-RTC5B



Panel.
CZ-KPY4

COMPATIBLE WITH ALL PANASONIC CONNECTIVITY SOLUTIONS. FOR DETAILED INFORMATION GO TO THE CONTROL SYSTEMS SECTION

Optional:



CONEX wired remote controller, white. CZ-RTC6W/BL/BLW



CONEX wired remote controller, black. CZ-RTC6/BL/BLW



Infrared remote controller. CZ-RWS3 + CZ-RWRV3



Econavi sensor. CZ-CENSC1

Standard

Single phase

		2,5 kW		3,6 kW		5,0 kW		6,0 kW	
Kit		KIT-25PY3Z5		KIT-36PY3Z5		KIT-50PY3Z5		KIT-60PY3Z5	
Remote controller		CZ-RTC5B		CZ-RTC5B		CZ-RTC5B		CZ-RTC5B	
Cooling capacity	Nominal (Min - Max)	kW	2,5(1,5 - 3,9)	3,6(1,5 - 4,0)	5,0(1,5 - 5,6)	6,0(2,0 - 7,0)			
EER ¹⁾	Nominal (Min - Max)	W/W	4,46(3,55 - 5,88)	3,96(3,57 - 5,88)	3,50(3,03 - 6,25)	3,39(2,77 - 6,90)			
SEER ²⁾			6,5 A++	6,7 A++	7,3 A++	6,8 A++			
Pdesign		kW	2,5	3,6	5,0	6,0			
Input power	Nominal (Min - Max)	kW	0,56(0,26 - 1,10)	0,91(0,26 - 1,12)	1,43(0,24 - 1,85)	1,77(0,29 - 2,53)			
Annual energy consumption ³⁾		kWh/a	134	188	238	3,05			
Heating capacity	Nominal (Min - Max)	kW	3,2(1,5 - 4,6)	3,6(1,5 - 4,6)	5,0(1,5 - 6,4)	6,0(1,8 - 7,0)			
COP ¹⁾	Nominal (Min - Max)	W/W	4,44(3,41 - 6,52)	4,29(3,38 - 6,52)	3,94(2,91 - 7,50)	3,61(2,86 - 7,60)			
SCOP ²⁾			4,6 A++	4,3 A+	4,4 A+	4,2 A+			
Pdesign at -10 °C		kW	2,8	2,8	4,0	4,6			
Input power	Nominal (Min - Max)	kW	0,72(0,23 - 1,35)	0,84(0,23 - 1,36)	1,27(0,20 - 2,20)	1,66(0,24 - 2,45)			
Annual energy consumption ³⁾		kWh/a	850	912	1264	1500			
Indoor unit			S-25PY3E	S-36PY3E	S-50PY3E	S-60PY3E			
Air flow	Hi / Med / Lo	m ³ /min	8,5/7,0/6,0	9,5/7,0/6,0	12,0/9,5/6,5	14,0/10,5/8,0			
Moisture removal volume		L/h	0,7	1,5	2,3	2,8			
Sound pressure ⁴⁾	Hi / Med / Lo	dB(A)	31/28/25	34/30/25	39/34/27	43/37/31			
Sound power	Hi / Med / Lo	dB(A)	46/43/40	49/45/40	54/49/42	58/52/46			
Dimension	Indoor (HxWxD)	mm	243x575x575	243x575x575	243x575x575	243x575x575			
	Panel (HxWxD)	mm	30x625x625	30x625x625	30x625x625	30x625x625			
Net weight	Indoor / Panel	kg	15/2,8	15/2,8	15/2,8	15/2,8			
nanoe X Generator			Mark 2	Mark 2	Mark 2	Mark 2			
Outdoor unit			U-25PZ3E5	U-36PZ3E5	U-50PZ3E5	U-60PZ3E5A			
Power supply		V	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240			
Current	Cool	A	2,65 - 2,55 - 2,45	4,20 - 4,05 - 3,85	6,65 - 6,35 - 6,10	8,20 - 7,85 - 7,55			
	Heat	A	3,40 - 3,25 - 3,10	3,95 - 3,75 - 3,60	5,695 - 5,70 - 5,45	7,70 - 7,35 - 7,05			
Air flow	Cool / Heat	m ³ /min	33,6/34,0	32,6/34,0	32,7/31,9	42,6/41,5			
Sound pressure	Cool / Heat (Hi)	dB(A)	46/47	46/47	46/48	47/48			
Sound power	Cool / Heat (Hi)	dB(A)	64/66	64/66	64/64	64/65			
Dimension	HxWxD	mm	619x824x299	619x824x299	619x824x299	695x875x320			
Net weight		kg	32	32	35	46			
Piping diameter	Liquid	Inch (mm)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35) ⁵⁾			
	Gas	Inch (mm)	1/2(12,70)	1/2(12,70)	1/2(12,70)	1/2(12,70) ⁶⁾			
Pipe length range		m	3 ~ 15	3 ~ 15	3 ~ 20	3 ~ 40			
Elevation difference (in / out) ⁷⁾		m	15/15	15/15	15/15	15/30			
Pre-charged pipe length		m	7,5	7,5	7,5	30			
Additional gas amount		g/m	10	10	15	15			
Refrigerant (R32) / CO ₂ Eq.		kg / T	0,87/0,59	0,87/0,59	1,14/0,77	1,15/0,78			
Operating range	Cool Min ~ Max	°C	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43			
	Heat Min ~ Max	°C	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24			

1) EER and COP calculation is based in accordance to EN14511. 2) For models below 12 kW, the SEER and SCOP is calculated based on values of EU/626/2011. For models above 12 kW, the $\eta_{h,c}$ / $\eta_{h,h}$ values is calculated based on EN 14825. 3) Factory setting. 4) The sound pressure of the units shows the value measured of the position 1,5 m below the unit. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 5) Connect the liquid socket tube (Ø6,35-Ø9,52) to the liquid tubing side indoor unit. 6) Connect the gas socket tube (Ø12,70-Ø15,88) to the gas tubing side indoor unit. 7) Outdoor unit located lower / outdoor unit located higher. * Recommended fuse for the indoor 3 A. ** Above values are in the case of nanoe™ X OFF.

Accessories

CZ-RTC6W	CONEX wired remote controller (non-wireless), white
CZ-RTC6WBL	CONEX wired remote controller with Bluetooth®, white
CZ-RTC6WBLW	CONEX wired remote controller with Wi-Fi and Bluetooth®, white
CZ-RTC6	CONEX wired remote controller (non-wireless), black
CZ-RTC6BL	CONEX wired remote controller with Bluetooth®, black
CZ-RTC6BLW	CONEX wired remote controller with Wi-Fi and Bluetooth®, black
CZ-RTC5B	Wired remote controller with Econavi function and datanavi
CZ-RWS3 + CZ-RWRV3	Infrared remote controller and receiver

Accessories

CZ-CAPWFC1	Commercial Wi-Fi Adaptor
PAW-PACR4	Interface to run up to 4 indoor unit groups on backup and alternative run
PAW-WTRAY	Tray for condenser water compatible with outdoor elevation platform
PAW-GRDBSE20	Outdoor base ground support for noise and vibration absorption
PAW-GRDSTD40	Outdoor elevation platform 400 x 900 x 400 mm
CZ-CENSC1	Econavi energy saving sensor



SEER: For S-50PY3E + U-50PZ3E5. SCOP: For S-25PY3E + U-25PZ3E5. ECONAVI and 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 / Energy Labelling, please visit our websites www.aircon.panasonic.eu or www.ptc.panasonic.eu.