

# WALL MOUNTED PZ TYPE STANDARD INVERTER • R32 GAS



New PZ Inverter models are powerful and efficient.



### Technical focus

- **NEW!** New design
- R32 gas environmental friendly
- Super Quiet! Only 20dB(A)
- High energy savings
- This units can be installed on R410A and R22 pipings
- Long connection distance
- Wired control (Optional)
- Smartphone control (Optional)

Kit			KIT-PZ25-TKE	KIT-PZ35-TKE	KIT-PZ50-TKE
Cooling capacity	Nominal (Min - Max)	kW	2,50 (0,85 - 3,00)	3,40 (0,85 - 3,90)	5,00 (0,98 - 5,40)
EER <sup>1)</sup>	Nominal (Min - Max)	W/W	3,62 (3,40 - 3,30) A	3,09 (3,33 - 3,00) B	2,98 (3,44 - 2,86) C
<b>SEER</b>		<b>W/W</b>	<b>5,80</b> <b>A+</b>	<b>5,60</b> <b>A+</b>	<b>6,00</b> <b>A+</b>
Pdesign (cooling)		kW	2,5	3,4	5,0
Input power cooling	Nominal (Min - Max)	kW	0,69 (0,25 - 0,91)	1,10 (0,26 - 1,30)	1,68 (0,29 - 1,89)
Annual electricity consumption (cooling) <sup>2)</sup>		kWh/a	151	213	292
Heating capacity	Nominal (Min - Max)	kW	3,15 (0,80 - 3,60)	3,84 (0,80 - 4,40)	5,40 (0,98 - 7,50)
Heating capacity at -7°C		kW	2,14	2,60	4,58
COP <sup>1)</sup>	Nominal (Min - Max)	W/W	4,09 (4,10 - 3,50) A	3,69 (4,10 - 3,46) A	3,44 (2,80 - 3,07) B
<b>SCOP</b>		<b>W/W</b>	<b>4,10</b> <b>A+</b>	<b>4,10</b> <b>A+</b>	<b>4,00</b> <b>A+</b>
Pdesign at -10°C		kW	1,9	2,4	4,0
Input power heating	Nominal (Min - Max)	kW	0,77 (0,20 - 1,03)	1,04 (0,20 - 1,27)	1,57 (0,35 - 2,44)
Annual electricity consumption (heating) <sup>2)</sup>		kWh/a	649	820	1.366
<b>Indoor Unit</b>			<b>CS-PZ25TKE</b>	<b>CS-PZ35TKE</b>	<b>CS-PZ50TKE</b>
Power source		V	230	230	230
Recommended fuse		A	16	16	16
Connection indoor / outdoor		mm <sup>2</sup>	4 x 1,5	4 x 1,5	4 x 1,5
Air volume	Cooling / Heating	m <sup>3</sup> /min	10,3 / 11,0	10,7 / 11,2	11,6 / 12,5
Moisture removal volume		L/h	1,5	2,0	2,8
Sound pressure <sup>3)</sup>	Cooling (Hi / Lo / Q-Lo)	dB(A)	37 / 26 / 20	38 / 30 / 20	44 / 37 / 34
	Heating (Hi / Lo / Q-Lo)	dB(A)	37 / 27 / 24	38 / 33 / 25	44 / 37 / 34
Dimensions / Net weight	H x W x D	mm / kg	290 x 850 x 199 / 8	290 x 850 x 199 / 8	290 x 870 x 214 / 9
<b>Outdoor Unit</b>			<b>CU-PZ25TKE</b>	<b>CU-PZ35TKE</b>	<b>CU-PZ50TKE</b>
Air volume	Cooling / Heating	m <sup>3</sup> /min	30,5 / 30,5	31,1 / 31,1	32,7 / 32,7
Sound pressure <sup>3)</sup>	Cooling / Heating (Hi)	dB(A)	48 / 49	48 / 50	48 / 49
Dimensions <sup>4)</sup> / Net weight	H x W x D	mm / kg	542 x 780 x 289 / 26	542 x 780 x 289 / 27	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)		m	3 - 15 / 15	3 - 15 / 15	3 - 15 / 15
Pipe length for additional gas / Additional gas amount		m / g/m	7,5 / 10	7,5 / 10	7,5 / 15
Refrigerant (R32)		kg / TCO <sub>2</sub> Eq.	0,58 / 0,392	0,67 / 0,452	1,14 / 0,770
Operating range	Cooling Min - Max	°C	+5 - +43	+5 - +43	+5 - +43
	Heating Min - Max	°C	-15 - +24	-15 - +24	-15 - +24

Accessories	
<b>PA-AC-WIFI-1</b>	Full bidirectional Wifi interface for Internet control
<b>PAW-IR-WIFI-1</b>	IR Wifi interface for Internet control

Accessories	
<b>CZ-RD514C</b>	Wired remote controller for wall type
<b>CZ-CAPRA1</b>	H Generation interface to ECOi control integration

1) EER and COP classification is at 230V 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 of the units shows the value measured of a position 1 meter in front of the main body and 0,8m 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. 4) Add 70mm for piping port. 5) When installing the outdoor unit at a higher position than the indoor unit.



R32

6,80 SEER

4,10 SCOP

INVERTER

R2 ROTARY COMPRESSOR

20dB(A) SUPER QUIET

R410A/R32 RENEWAL

BMS CONNECTIVITY

5 YEARS WARRANTY

SEER: For KIT-PZ50-TKE. SCOP: For KIT-PZ25-TKE and KIT-PZ35-TKE. SUPER QUIET: For KIT-PZ25-TKE and KIT-PZ35-TKE.