

Wall Mounted DE Type Standard Inverter

• R410A GAS



DE Inverter models are powerful and efficient

Technical focus

- Super Quiet! Only 20dB(A)
- High energy savings
- These units can be installed on R22 pipings
- Long connection distance
- Wired control (Optional)
- Smartphone control (Optional)

Kit			KIT-DE25-TKE-1	KIT-DE35-TKE-1	KIT-DE50-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 ¹⁾	Nominal (Min - Max)	W/W	3,52 (3,40 - 3,23)	3,06 (3,33 - 2,95)	2,94 (3,44 - 2,83)
SEER ²⁾			5,80 	5,60 	5,90
Pdesign (cooling)		kW	2,50	3,40	5,00
Input power cooling	Nominal (Min - Max)	kW	0,71 (0,25 - 0,93)	1,11 (0,26 - 1,32)	1,70 (0,29 - 1,91)
Annual energy consumption ³⁾		kWh/a	151	213	297
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 ¹⁾	Nominal (Min - Max)	W/W	4,04 (4,10 - 3,46)	3,69 (4,10 - 3,44)	3,40 (2,80 - 3,05)
SCOP ²⁾			4,00 	4,00 	4,00
Pdesign at -10°C		kW	1,90	2,40	4,00
Input power heating	Nominal (Min - Max)	kW	0,78 (0,20 - 1,04)	1,04 (0,20 - 1,28)	1,59 (0,35 - 2,46)
Annual energy consumption ³⁾		kWh/a	665	840	1400
Indoor unit			CS-DE25TKE-1	CS-DE35TKE-1	CS-DE50TKE
Power source		V	230	230	230
Recommended fuse		A	16	16	16
Connection indoor / outdoor		mm ²	4x1,5	4x1,5	4x1,5
Air volume	Cool / Heat	m ³ /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 ⁴⁾	Cool (Hi / Lo / Q-Lo)	dB(A)	37/26/20	38/30/20	44/37/34
	Heat (Hi / Lo / Q-Lo)	dB(A)	37/27/24	38/33/25	44/37/34
Dimension	HxWxD	mm	290x850x199	290x850x199	290x870x214
Net weight		kg	8	8	9
Outdoor unit			CU-DE25TKE-1	CU-DE35TKE-1	CU-DE50TKE
Air volume	Cool / Heat	m ³ /min	30,5/30,5	31,1/31,1	32,7/32,7
Sound pressure ⁴⁾	Cool / Heat (Hi)	dB(A)	48/49	48/50	48/49
Dimension ⁵⁾	HxWxD	mm	542x780x289	542x780x289	619x824x299
Net weight		kg	26	27	38
Piping connections	Liquid pipe	Inch (mm)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)
	Gas pipe	Inch (mm)	3/8 (9,52)	3/8 (9,52)	1/2 (12,70)
Pipe length range		m	3~15	3~15	3~15
Elevation difference (in/out) ⁶⁾		m	15	15	15
Pipe length for additional gas		m	7,5	7,5	7,5
Additional gas amount		g/m	15	15	20
Refrigerant (R410A) / CO ₂ Eq.		kg / T	0,66 / 1,378	0,86 / 1,796	1,34 / 2,798
Operating range	Cool Min ~ Max	°C	+5 ~ +43	+5 ~ +43	+5 ~ +43
	Heat Min ~ Max	°C	-15 ~ +24	-15 ~ +24	-15 ~ +24

Accessories

CZ-TACG1	Panasonic Comfort Cloud for internet control
CZ-CAPRA1	RAC interface adapter for integration into P-Link

Accessories

CZ-RD514C	Wired remote controller for Wall Mounted and Floor Console
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1) EER and COP calculation is based in accordance to EN14511. 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 1m in front of the main body and 0,8m below the unit. For outdoor unit 1m in front and 1m 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 (the lowest set fan speed for DE50). 5) Add 70mm for piping port. 6) When installing the outdoor unit at a higher position than the indoor unit. * Tentative data.



SEER and SCOP: For KIT-DE50-TKE. INTERNET CONTROL: Optional.