



WALL MOUNTED BE TYPE STANDARD INVERTER • R410A GAS



New BE series inverter powerful and efficient.



Technical focus

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



CS-BE50TKE

Kit*			KIT-BE25-TKE	KIT-BE35-TKE	KIT-BE50-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) A	3,06 (3,33 - 2,95) B	2,94 (3,44 - 2,83) C
SEER		W/W	5,80 ◀A+	5,60 ◀A+	5,90 ◀A+
Pdesign (cooling)		kW	2,5	3,4	5,0
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 electricity consumption (cooling) ²⁾		kWh/a	355	555	850
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) A	3,69 (4,10 - 3,44) A	3,40 (2,80 - 3,05) C
SCOP		W/W	4,00 ◀A+	4,00 ◀A+	4,00 ◀A+
Pdesign at -10°C		kW	1,9	2,4	4,0
Input power heating	Nominal (Min - Max)	kW	0,80 (0,20 - 1,04)	1,04 (0,20 - 1,28)	1,59 (0,35 - 2,46)
Annual electricity consumption (heating) ²⁾		kWh/a	665	840	1.400
Indoor Unit			CS-BE25TKE	CS-BE35TKE	CS-BE50TKE
Power source		V	230	230	230
Recommended fuse		A	16	16	16
Connection indoor / outdoor		mm ²	4 x 1,5	4 x 1,5	4 x 1,5
Air volume	Cooling / Heating	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 ³⁾	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
Outdoor Unit			CU-BE25TKE	CU-BE35TKE	CU-BE50TKE
Air volume	Cooling / Heating	m ³ /min	30,5 / 30,5	31,1 / 31,1	32,7 / 32,7
Sound pressure ³⁾	Cooling / Heating (Hi)	dB(A)	48 / 49	48 / 50	48 / 49
Dimensions ⁴⁾ / Net weight	H x W x D	mm / kg	542 x 780 x 289 / 26	542 x 780 x 289 / 29	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) ⁵⁾		m	3 - 15 / 15	3 - 15 / 15	3 - 15 / 15
Pipe length for additional gas / Additional gas amount		m / g/m	7,5 / 15	7,5 / 20	7,5 / 20
Refrigerant (R410A)		kg / TCO ₂ Eq.	0,66 / 1,378	0,91 / 1,900	1,34 / 2,798
Operating range	Cooling Min ~ Max	°C	+5 ~ +43	+5 ~ +43	+5 ~ +43
	Heating Min ~ Max	°C	-15 ~ +24	-15 ~ +24	-15 ~ +24

Accessories	
PA-AC-WIFI-1	Full bidirectional Wifi interface for Internet control
PAW-IR-WIFI-1	IR Wifi interface for Internet control

Accessories	
CZ-RD514C	Wired remote controller for wall type
CZ-CAPRA1	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 1m 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 (the lowest fan speed for BE50) 4) Add 7mm for piping port. 5) When installing the outdoor unit at a higher position than the indoor unit. * Tentative data.



A+

A+

INVERTER

R2 ROTARY COMPRESSOR

20dB(A) SUPER QUIET

R22 RENEWAL R410A

INTEGRATION P-LINE

INTERNET CONTROL

BMS CONNECTIVITY

5 YEARS WARRANTY



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