

New Wall Mounted UZ Type Standard Inverter

• R32 GAS



NEW
2019



UZ series inverter powerful and efficient

Technical focus

- R32 gas is more environmentally friendly than R410A
- Super Quiet! Only 20dB(A)
- High energy savings
- Cooling even at -10°C
- This units can be installed on R410A and R22 pipings
- Long connection distance
- Wired control (Optional)
- Smartphone control (Optional)

Kit			KIT-UZ25-VKE	KIT-UZ35-VKE	KIT-UZ50-VKE
Cooling capacity	Nominal (Min - Max)	kW	2,50 [0,85 - 3,00]	3,30 [0,85 - 3,80]	5,00 [0,98 - 5,40]
	Nominal (Min - Max)	W/W	3,68 [3,40 - 3,33]	3,20 [3,33 - 3,06]	3,03 [3,44 - 2,90]
SEER²⁾			6,20 A++	6,10 A++	6,50 A++
Pdesign (cooling)		kW	2,50	3,30	5,00
Input power cooling	Nominal (Min - Max)	kW	0,68 [0,25 - 0,90]	1,03 [0,26 - 1,24]	1,65 [0,29 - 1,86]
Annual energy consumption ³⁾		kWh/a	141	189	269
Heating capacity	Nominal (Min - Max)	kW	3,00 [0,80 - 3,50]	3,70 [0,80 - 4,30]	5,40 [0,98 - 7,50]
	Heating capacity at -7°C	kW	2,08	2,54	4,58
COP ¹⁾	Nominal (Min - Max)	W/W	4,05 [4,10 - 3,47]	3,70 [4,10 - 3,44]	3,42 [2,80 - 3,06]
SCOP²⁾			4,10 A+	4,10 A+	3,90 A
Pdesign at -10°C		kW	1,90	2,40	4,00
Input power heating	Nominal (Min - Max)	kW	0,74 [0,20 - 1,01]	1,00 [0,20 - 1,25]	1,58 [0,35 - 2,45]
Annual energy consumption ³⁾		kWh/a	649	820	1436
Indoor unit			CS-UZ25VKE	CS-UZ35VKE	CS-UZ50VKE
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 2,5
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	1,9	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	290 x 850 x 199	290 x 850 x 199	290 x 870 x 214
Net weight		kg	8	8	9
Outdoor unit			CU-UZ25VKE	CU-UZ35VKE	CU-UZ50VKE
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
Dimension ⁵⁾	HxWxD	mm	542 x 780 x 289	542 x 780 x 289	619 x 824 x 299
Net weight		kg	26	27	36
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	10	10	15
Refrigerant (R32) / CO ₂ Eq.		kg / T	0,58/0,392	0,67/0,452	1,14/0,770
Operating range	Cool Min ~ Max	°C	-10 ~ +43	-10 ~ +43	-10 ~ +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. 5) Add 70mm for piping port. 6) When installing the outdoor unit at a higher position than the indoor unit.



SEER and SCOP: For KIT-UZ50-VKE. SUPER QUIET: For KIT-UZ25-VKE and KIT-UZ35-VKE. INTERNET CONTROL: Optional.