

New Power Heat Multi system

POWER HEAT

Outdoor units Power Heat Multi system - R32

- Operation range down to -25 °C
- Equipped with base pan heater
- High energy efficiency: SCOP of 4,60
- Ethera indoor units with nanoe™ X technology to improve protection 24/7
- Indoor units with built-in Wi-Fi for internet and voice control

New 2024



Tentative data

Outdoor unit			CU-2Z50ABEC	CU-3Z75ABEC
Indoor nominal capacity			5,0 kW (2 room)	7,5 kW (3 room)
Cooling capacity	Nominal [Min - Max]	kW	5,30 [2,10 - 7,50]	7,50 [2,10 - 8,80]
EER ¹⁾			4,21	3,87
SEER ²⁾			8,00 A++	8,00 A++
Pdesign (cooling)		kW	5,30	7,50
Input power	Nominal [Min - Max]	kW	1,26 [0,36 - 2,06]	1,94 [0,38 - 2,45]
Heating capacity	Nominal [Min - Max]	kW	6,40 [1,70 - 8,70]	8,60 [1,70 - 10,60]
COP ¹⁾			4,18	4,26
Heating capacity at -15 °C	Max	kW	5,90	6,30
Heating capacity at -25 °C	Max	kW	3,90	4,30
SCOP ²⁾			4,40 A+	4,60 A++
Pdesign at -10 °C		kW	5,10	5,60
Input power	Nominal [Min - Max]	kW	1,53 [0,32 - 2,44]	2,02 [0,32 - 2,92]
Current	Heat / Cool	A	6,80 / 5,70	8,80 / 8,50
Power supply		V	230	230
Sound pressure ³⁾	Heat / Cool (Hi)	dB[A]	49 / 49	53 / 49
Dimension ⁴⁾	H x W x D	mm	795 x 875 x 320	795 x 875 x 320
Net weight		kg	58	62
Piping diameter	Liquid	Inch (mm)	1/4 (6,35)	1/4 (6,35)
	Gas	Inch (mm)	3/8 (9,52)	3/8 (9,52)
Pipe length range total		m	50	60
Pipe length range to one unit		m	3 ~ 25	3 ~ 25
Elevation difference (in / out)		m	15	15
Pre-charged pipe length		m	30	30
Additional gas amount		g/m	20	20
Refrigerant [R32] / CO ₂ Eq.		kg / T	1,92 / 1,296	2,42 / 1,634
	Heat Min ~ Max	°C	-25 ~ +24	-25 ~ +24
Operating range		°C	-10 ~ +46	-10 ~ +46
	Cool Min ~ Max	°C	-10 ~ +46	-10 ~ +46

1) EER and COP calculation is based in accordance to EN 14511. 2) Energy Label Scale from A+++ to D. 3) The sound pressure of the units shows the value measured of a position 1 m in front and 1 m in rear side of the main body. The sound pressure is measured in accordance with JIS C 9612. 4) Add 70 or 95 mm for piping port.



Possible outdoor / indoor units combinations

Rooms	Outdoor unit	Indoor capacity connected	Wall-mounted Ethera			
			20	25	35	50
2	CU-2Z50ABEC	0,85 ~ 3,6 kW	•	•	•	•
3	CU-3Z75ABEC	0,85 ~ 7,5 kW	•	•	•	•



Optional wired remote controller. CZ-RD517C



Wall-mounted Ethera	Indoor unit	Cooling capacity	Heating capacity	Connection in. / out.	Sound pressure ¹⁾	Dimension / Net weight	Piping diameter	
					Cool — Heat [Hi/Lo/Q-Lo]		H x W x D	Liquid / Gas
					dB[A]		mm / kg	Inch (mm)
2,0 kW	CS-Z20ZKEW	2,00	3,20	4x1,5	37 / 26 / 21 — 38 / 27 / 21	295 x 870 x 229 / 10	1/4 (6,35) / 3/8 (9,52)	
2,5 kW	CS-Z25ZKEW	2,50	3,60	4x1,5	41 / 27 / 21 — 41 / 29 / 21	295 x 870 x 229 / 10	1/4 (6,35) / 3/8 (9,52)	
3,5 kW	CS-Z35ZKEW	3,50	4,50	4x1,5	44 / 30 / 21 — 45 / 35 / 21	295 x 870 x 229 / 11	1/4 (6,35) / 3/8 (9,52)	
5,0 kW	CS-Z50ZKEW	5,00	6,80	4x2,5	44 / 39 / 32 — 46 / 39 / 32	295 x 1040 x 244 / 12	1/4 (6,35) / 1/2 (12,70)	

1) The sound pressure of the indoor unit shows the value measured of a position of 1 m in front of the main body and 0,8 m below the unit. The sound pressure is measured in accordance with JIS C 9612. Q-Lo: Quiet mode. Lo: The lowest set fan speed.