

# 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
- Etherea indoor units with nanoe™ X technology to improve protection 24/7
- Indoor units with built-in Wi-Fi for internet and Voice Control



OUTDOOR UNIT			CU-2Z50ABEC	CU-3Z75ABEC
<b>Indoor nominal capacity</b>			<b>4,0 ~ 8,5 kW (2 room)</b>	<b>4,5 ~ 11,0 kW (3 room)</b>
Cooling capacity	Nominal (Min - Max)	kW	5,30 (2,10 - 7,50)	7,50 (2,10 - 8,80)
EER <sup>1)</sup>			4,21	3,87
<b>SEER <sup>2)</sup></b>			<b>8,00 A++</b>	<b>8,00 A++</b>
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 <sup>1)</sup>			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
<b>SCOP <sup>2)</sup></b>			<b>4,40 A+</b>	<b>4,60 A++</b>
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 <sup>3)</sup>	Heat / Cool (Hi)	dB(A)	49 / 49	53 / 49
Dimension <sup>4)</sup>	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 <sub>2</sub> Eq.		kg / T	1,92 / 1,296	2,42 / 1,634
Operating range	Heat Min ~ Max	°C	-25 ~ +24	-25 ~ +24
	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 (Min - Max)	Wall-mounted Etherea			
			20	25	35	50
2	CU-2Z50ABEC	4,0 ~ 8,5 kW	•	•	•	•
3	CU-3Z75ABEC	4,5 ~ 11,0 kW	•	•	•	•



Optional wired remote controller. CZ-RD517C



NEW! Wall-mounted Etherea	Indoor unit graphite grey	Indoor unit silver	Indoor unit matt white	Cooling capacity	Heating capacity	Connection in. / out.	Sound pressure <sup>1)</sup>	Dimension / Net weight	Piping diameter	
				kW	kW		mm <sup>2</sup>	Cool — Heat (Hi/Lo/Q-Lo)	H x W x D	Liquid / Gas
								dB(A)	mm / kg	Inch (mm)
2,0 kW	CS-XZ20CKEW-H	CS-XZ20CKEW	CS-Z20CKEW	2,00	3,20	4x1,5	39/26/21 — 40/27/21	295x870x229/10	1/4 (6,35) / 3/8 (9,52)	
2,5 kW	CS-XZ25CKEW-H	CS-XZ25CKEW	CS-Z25CKEW	2,50	3,60	4x1,5	41/27/21 — 43/29/21	295x870x229/10	1/4 (6,35) / 3/8 (9,52)	
3,5 kW	CS-XZ35CKEW-H	CS-XZ35CKEW	CS-Z35CKEW	3,50	4,50	4x1,5	44/30/21 — 45/35/21	295x870x229/11	1/4 (6,35) / 3/8 (9,52)	
5,0 kW	—	CS-XZ50CKEW	CS-Z50CKEW	5,00	6,80	4x2,5	44/39/32 — 46/39/32	295x1040x244/12	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.