

Check out the installation of the Power Heat Multi system at the Arctic Treehouse Hotel in Lapland, Finland.



New 2024



Outdoor unit			CU-2Z50ABEC	CU-3Z75ABEC
Indoor nominal capacity			5,0 kW (2 room)	7,5 kW (3 room)
Heating capacity	Nominal (Min - Max)	kW	6,40 [1,70 - 8,70]	8,60 [1,70 - 10,60]
COP ¹⁾			4,71	4,50
Heating capacity / COP at -15 °C	Max	kW / W/W	6,40 / 2,30	6,80 / 2,47
Heating capacity / COP at -25 °C	Max	kW / W/W	4,40 / 1,80	4,80 / 1,85
SCOP ²⁾			4,60 A++	4,60 A++
Pdesign at -10 °C		kW	5,20	5,70
Input power	Nominal (Min - Max)	kW	1,36 [0,32 - 2,40]	1,91 [0,32 - 2,86]
Cooling capacity	Nominal (Min - Max)	kW	5,30 [2,11 - 7,50]	7,50 [2,11 - 8,80]
EER ¹⁾			4,42	3,95
SEER ²⁾			8,00 A++	8,00 A++
Pdesign (cooling)		kW	5,30	7,50
Input power	Nominal (Min - Max)	kW	1,20 [0,36 - 2,00]	1,90 [0,38 - 2,42]
Current	Heat / Cool	A	6,00 / 5,10	8,30 / 8,30
Power supply		V	230	230
Sound pressure ³⁾	Heat / Cool (Hi)	dB(A)	49 / 49	53 / 49
Dimension ⁴⁾ / Net weight	H x W x D	mm / kg	795 x 875 x 320 / 58	795 x 875 x 320 / 62
Piping diameter	Liquid / Gas	Inch (mm)	1/4 (6,35) / 3/8 (9,52)	1/4 (6,35) / 3/8 (9,52)
Pipe length range total		m	50	60
Pipe length range to one unit / Elevation difference (in / out)		m	3 ~ 25 / 15	3 ~ 25 / 15
Pre-charged pipe length / Additional gas amount		m / g/m	30 / 20	30 / 20
Refrigerant (R32) / CO ₂ Eq.		kg / T	1,92 / 1,296	2,42 / 1,634
Operating range	Heat / Cool Min ~ Max	°C	-25 ~ +24 / -10 ~ +46	-25 ~ +24 / -10 ~ +46

Confirmed operational data from third-party tests

Operating range ⁵⁾	Heat (Min)	°C	-35
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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, 5) CU-2Z50ABEC in combination with CS-HZ25ZKE-H and CS-HZ25ZKE tested by an independent test laboratory. This temperature is not guaranteed by the factory.

R32
REFRIGERANT

A++
4,60 SCOP

INVERTER+

R2 ROTARY COMPRESSOR

-35 °C
HEATING MODE
TESTED BY DTI

-10 °C
COOLING MODE

5 YEARS COMPRESSOR WARRANTY

HZ Flagship



NZ Etherea



Indoor unit			Heating capacity	Cooling capacity	Connection in. / out.	Sound pressure ¹⁾	Dimension / Net weight	Piping diameter
			kW	kW	mm ²	Cool — Heat (Hi / Lo / Q-Lo)	H x W x D	Liquid / Gas
						dB(A)	mm / kg	Inch (mm)
Wall-mounted HZ Flagship								
	Graphite grey	Matt white						
2,5 kW	CS-HZ25ZKE-H	CS-HZ25ZKE	3,60	2,50	4x1,5	41 / 25 / 19 — 45 / 24 / 18	295 x 870 x 229 / 11	1/4 (6,35) / 3/8 (9,52)
3,5 kW	CS-HZ35ZKE-H	CS-HZ35ZKE	4,50	3,50	4x1,5	44 / 28 / 19 — 45 / 25 / 18	295 x 870 x 229 / 11	1/4 (6,35) / 3/8 (9,52)
Wall-mounted NZ Etherea								
2,5 kW	CS-NZ25YKE-1		3,60	2,50	4x1,5	39 / 25 / 21 — 42 / 27 / 19	295 x 870 x 229 / 10	1/4 (6,35) / 3/8 (9,52)
3,5 kW	CS-NZ35YKE-1		4,50	3,50	4x1,5	42 / 28 / 21 — 44 / 30 / 19	295 x 870 x 229 / 10	1/4 (6,35) / 3/8 (9,52)
5,0 kW	CS-NZ50YKE-1		6,80	5,00	4x2,5	44 / 37 / 30 — 44 / 37 / 30	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.

nanoeX

18 dB(A)

AEROWINGS

BUILT-IN Wi-Fi

BMS CONNECTIVITY

SUPER QUIET: For wall-mounted HZ Flagship. INTERNET CONTROL: Built-in Wi-Fi.

Optional wired remote controller. CZ-RD517C



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