



## Power Heat Multi system

- Developed for the Nordic climate
- New design and elegant anthracite grey color
- Connect up to three indoor units to a single outdoor unit
- Operation range down to -35 °C
- Equipped with base pan heater
- 4,40 kW heating capacity at -25 °C outside for 2 room model
- High energy efficiency: SCOP of 4,60
- HZ and NZ indoor units with nanoe™ X technology to improve protection 24/7
- Indoor units with built-in Wi-Fi for internet and voice control

heating & cooling solutions



**POWER HEAT**

# New Power Heat Multi system

## One solution, multiple possibilities.

The multi split system engineered for the Nordic climate. Powerful heating of two or three rooms with one outdoor unit, even at  $-35^{\circ}\text{C}$  low outdoor temperatures.

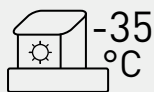
The multi split solution offers high flexibility, as two to three indoor units can be connected to a single outdoor unit. Perfect for homes that have several floors and where the floor plan has the need for more than one indoor unit. Thanks to the multi solution better air distribution and a comfortable indoor climate can be provided throughout the home. The wide range of compatible indoor units includes HZ Flagship and NZ Etherea.

## POWER HEAT

New  
2024



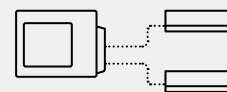
### Reliable heating for Nordic winters.



Reliable heating even at  $-35^{\circ}\text{C}$ .

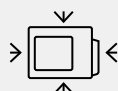


Equipped with base pan heater.



Compatible with Nordic indoor units HZ and NZ.

### Reduces the burden of aesthetics, installation and maintenance.



Seamless integration of outdoor unit.

Reduced outdoor unit space, harmonizing with building architecture.



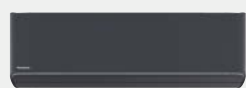
Reduced installation time.

Faster piping connection and pump-down time.

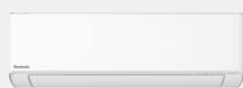


Excellent maintainability.

Advantageous under harsh conditions.



HZ Flagship



NZ Etherea



#### **$-35^{\circ}\text{C}$ outdoor temperature operation and base pan heater.**

The heater prevents the outdoor unit base pan from freezing and ensures stable operation even in extremely cold regions.

#### **Heating capacity at $-25^{\circ}\text{C}$ outdoor temperature: 4,40 kW for the 2-room model and 4,80 kW for the 3-room model.**

Efficiently heats 2 or 3 rooms using a single outdoor unit, even in low outdoor temperatures.

#### **High efficiency SCOP 4,60 A++.**

High heating efficiency contributes to environmental protection while reducing electricity bills.

#### **Dark color outdoor unit.**

First outdoor unit in anthracite grey color, blending seamlessly with Nordic home exteriors without compromising aesthetics.

#### **Connectable to the Nordic indoor units.**

Comfort and convenience with nanoe™ X and built-in Wi-Fi, combined with excellent heating and cooling performance.

#### **Shorter installation time (faster than two single units).**

Requires shorter installation times compared to installing multiple single units, reducing the installer's workload.

# Indoor units to combine the outdoor unit with:

## HZ Flagship.

The smart, Flagship now comes with nanoe™ X (Generator Mark 3) technology for improved indoor air quality. With advanced control options, class-leading performance, a stylish design and intelligent features, Flagship is designed to make your home comfortable, cleaner and pleasant place to be even in extreme conditions.

### FLAGSHIP



## NZ Etherea.

The Etherea comes with nanoe™ X (Generator Mark 2) technology for improved indoor air quality. Designed for the tough Nordic climate, the NZ models are powerful, highly efficient and reliable year-round. Due to its clever design, the NZ unit is also perfect as a replacement pump!

### ETHEREA



#### 1 Air quality

- nanoe™ X technology with the benefits of hydroxyl radicals
- Acts to clean your air, so that the indoor environment can be a cleaner and more pleasant place to be all day long
- Enhancing indoor unit inside cleanness together with nanoe™ X

#### 3 Ultimate comfort

- Aerowings 2.0, end-to-end vanes enhance comfortable heating
- Super quiet ambient

#### 2 Smart control with Panasonic Comfort Cloud App

- Built-in Wi-Fi for instant connectivity, now with an easier and quicker set-up
- Advanced control via smartphone
- Compatible with Google Assistant and Amazon Alexa

#### 4 Design

- HZ Flagship available in graphite grey and matt white color
- Stylish, monolithic design
- Chassis and parts designed for easier installation and servicing
- High class, easy-to-use remote control with backlight

## Bringing nature's balance indoors.

nanoe™ X, technology with the benefits of hydroxyl radicals.

In today's health-conscious world, we care about taking exercise, we care about what we eat and what we touch, we also care about what we breathe – and technology exists to bring good outdoor air, indoors.



### 7 effects of nanoe™ X – Panasonic unique technology

#### Deodorises



Odours

#### Capacity to inhibit 5 types of pollutants



Bacteria and viruses



Mould



Allergens



Pollen



Hazardous substances



Skin and hair

#### Moisturises

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 <sup>1)</sup>			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 <sup>2)</sup>			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 <sup>1)</sup>			4,42	3,95
SEER <sup>2)</sup>			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 <sup>3)</sup>	Heat / Cool (Hi)	dB(A)	49 / 49	53 / 49
Dimension <sup>4)</sup> / 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 <sub>2</sub> 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 <sup>5)</sup>	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.



#### HZ Flagship



#### NZ Etherea



Indoor unit			Heating capacity	Cooling 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)
<b>Wall-mounted HZ Flagship</b>								
	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)
<b>Wall-mounted NZ Etherea</b>								
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.



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



Optional wired  
remote controller.  
CZ-RD517C

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heating & cooling solutions