

Panasonic



New HZ and CZ

Product Presentation



heating & cooling solutions

■ Indoor Unit Design

CS-HZ**WKE



Model		CS-HZ25WKE	CS-HZ35WKE
Capacity		2.5 kW	3.5 kW
Dimensions	Indoor unit	295 x 870 x 230 mm	
	Outdoor unit	622 x 824 x 299 mm	
ErP rank		A++ / A+++	

■ Quality Air For Life



nanoe™ X technology with double the number of OH radicals

■ Excellent Heating Power

- Powerful heating capability at extreme low temp
- Max. heating capacity: 7.40kW*
- Industry No.1 SCOP rating of 5.2*



* 2.5 kW model

■ Smart Control



- Built-in WLAN for instant connectivity
- Google Assistant and Amazon Alexa compatibility

■ Design



- Stylish, compact indoor unit
- New remote control with easy-to-use button layout

■ Installation Flexibility

2-way power supply

■ Super Quiet








Low operation noise of just 18 dB in the Low mode (in heating)



1 nanoe™ X Technology **NEW**



Doubled OH radicals nanoe X Generator Mark 2, realise faster suppression of pollutants and odours.

Deodorises	Inhibits 5 Types of Pollutants					Moisturises
 Odours	 Bacteria & Viruses	 Mould	 Allergens	 Pollen	 Hazardous Substances	 Skin & Hair

2 Higher Heating Power **NEW**



Heating capacity has further improved.
Stable and reliable heating is realised even in the extreme low temperature of midwinter

3 New Design **NEW**



■ Indoor unit

The badge colour has been changed to light warm silver.
A stylish look that blends with any interior.

■ Controller



Button layout has been changed for easier operation.



HZ – Higher heating capacity

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Heating capacity has been further improved for more comfortable, stable heating.

Higher Max. Heating Capacity

Conventional
(CS-HZ25UKE)



7.30 kW



NEW CS-HZ25WKE



7.40 kW

Conventional
(CS-HZ35UKE)



7.75 kW



NEW CS-HZ35WKE



7.83 kW

Higher Heating Capacity at Low Temp

	CS-HZ25WKE	CS-HZ35WKE
Low 2°C	5.36 kW	5.67 kW
Extra low -7°C	4.75 kW	4.80 kW
Nordic -15°C	4.60 kW	4.70 kW
Nordic -20°C	4.03 kW	4.08 kW
Nordic -25°C	3.43 kW	3.53 kW



nanoe™ X are charged water particles that improve the quality of the indoor air

The 7 effects of nanoe™ X

Deodorises



Odours

Inhibits 5 types of pollutants



Bacteria and viruses



Mould



Allergens



Pollen



Hazardous substances

Moisturises



Skin and hair

1 Deodorises

nanoe™ X deodorises strong and unpleasant odours to enjoy a more pleasant living space for greater wellbeing.

2 Inhibits 5 types of pollutants

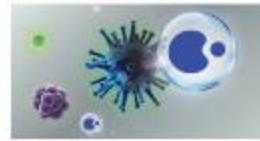
nanoe™ X inhibits the growth of certain allergens, bacteria and viruses in your home, maintaining a cleaner home for your children.

3 Moisturises Skin and hair

Helps retain the moisture of the skin.

nanoe™ X can work independently from the heating or cooling operations.
In that case, indoor fan will be ON.

How does it work?



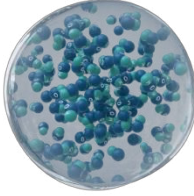
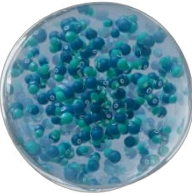
nanoe™ X reaches the substance.



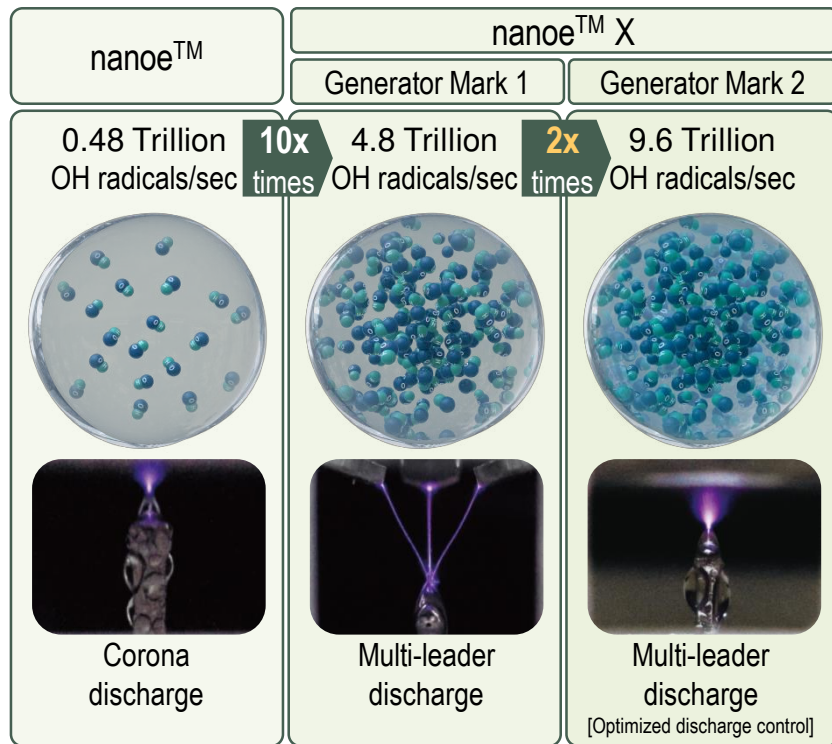
OH radicals take away H from the substance, and it becomes denatured.



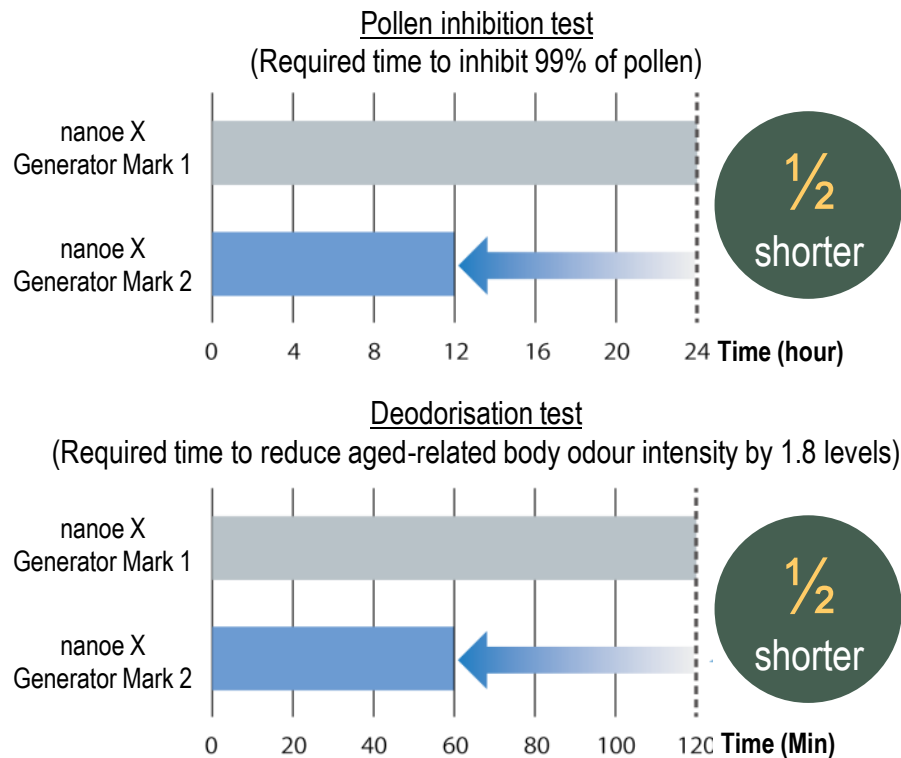
OH radicals transform hydrogen taken away into water

nanoe™ X	nanoe™ X Mark 2
480 OH radical (bil/sec)	4,800 OH radical (bil/sec)
	

Doubled OH radicals



Deodorise and inhibit pollutant by half time



Smart WLAN networking on the day of purchase



Wireless LAN

Built-in WLAN means there's no need to install an optional WLAN adapter.
Remote control of air conditioner settings is also easy.



Built-in WLAN



Smart Air Conditioner Control

Remotely control your comfort from just one mobile device.



Panasonic Comfort Cloud App

24hours Smart Heating & Cooling

You can operate the air conditioner when you're away and check room temperature with your smartphone.
In the winter, to prevent a vacant summer house becoming freezing cold, you can start heating it from home.

When you're at home



Control of heating and cooling as desired with a smartphone

When you're away



In the winter, remote control of heating in an unoccupied summer house

Intuitive Voice Control

Google Assistant and Amazon Alexa control compatibility lets you control the air conditioner with your voice.



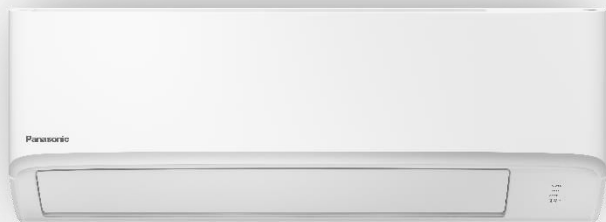
Compatible with*



■ Indoor Unit Design CS-CZ**WKE



Wireless LAN*1



* Matt white.

Model		CS-CZ25WKE	CS-CZ35WKE
Capacity		2.5 kW	3.5 kW
Dimension	Indoor unit	290 x 779 x 209 mm	
	Outdoor unit	622 x 824 x 299 mm	
ErP rank		A++ / A+	

Easy Installation & Servicing

NEW

- New chassis and parts designed for easier installation
- Compact 779 mm wide indoor unit design

Smart Control (Optional adaptor required*1)



- Comfort Cloud for remote control
- Google Assistant and Amazon Alexa compatibility

Energy Saving

High SCOP rating of 4.3

NEW

Comfort

AEROWINGS for more comfortable cooling

AEROWINGS

NEW

Powerful Heating

Heating Possible at -25 °C

Super Quiet

Low operation noise of just 20 dB in the Low mode (in heating)

*1 Required optional WLAN adapter (CZ-TACG1)



1 Easy Installation & Servicing

NEW ///



New structure for easier installation and servicing. Installation requires fewer steps and less time.

2 Higher SCOP: 4.3

NEW ///



CZ series models boast high energy-efficiency with a SCOP rating of 4.3, which places them in the industry's top class of energy savers (in the standard model class).

3 Shower Air Flow (AEROWINGS)

NEW ///



Big twin flaps concentrate airflow to deliver cool air across a room and up to walls that showers down gently for comfortable cooling.

AEROWINGS

4 Heating Possible at -25°C

NEW ///



Heating is possible even when the outside temperature is -25°C. This means reliable heating even in the middle of winter.



High heating capacity

Effective control of refrigerant with expansion valves has further improved heating capacity. Heating is possible even when the outside temperature is -25°C .



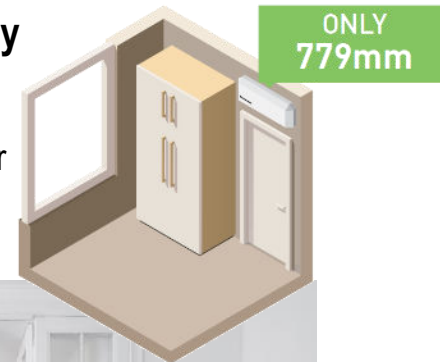
Heating
down to
 -25°C



New super-compact design

New super compact design – **only**
779mm width!

Ideal to install in narrow spaces or
above the door



Thanks to advanced improvements, installation time has been dramatically decreased.

Installation Plate

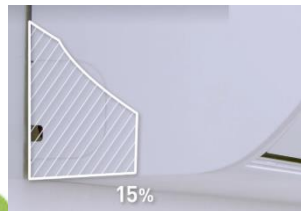
Stronger and solid,
even the thickness 0.5mm.



Piping Storage

15 % Larger*

*Comparison with conventional model



Screw Holders for Uneven Surface

Easy to neat installation

*Not compulsory

*Screws not provided.



Network Adapter Storage

Features a dedicated space for
the network adapter. Enables easy
installation and hides the adapter
for
a neat look



* Only
applicable with
models without
built-in network
adapter

Built-in Support Holder

Sufficient work
space between the
panel and the
body

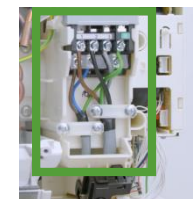


Wire Insertion

2 wire inserts combined
into 1 for extra
convenience when
inserting wires



Bigger work space for
easier wire connection

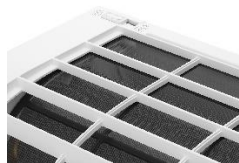


Improved shape of parts, assembly method, etc., for easier servicing

Front Grille Removal

Slider Locks

Easy to unlock / lock



One-piece Front Grille

Easy removal



Easier and faster removal



Cross Flow Fan Replacement

Easy removal and installation



Piping Inspection

Easy visibility

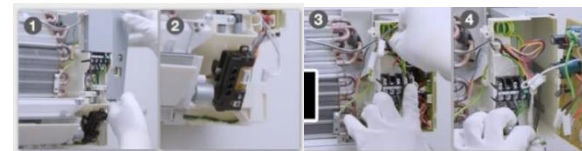


Wider piping space



PCB Removal

Simple steps for PCB removal



1 Remove control board cover

2 Disconnect connector from indicator

3 Disconnect all connectors

4 Pull out main PCB

Drain Hose Inspection

Easier access for drain hose inspection



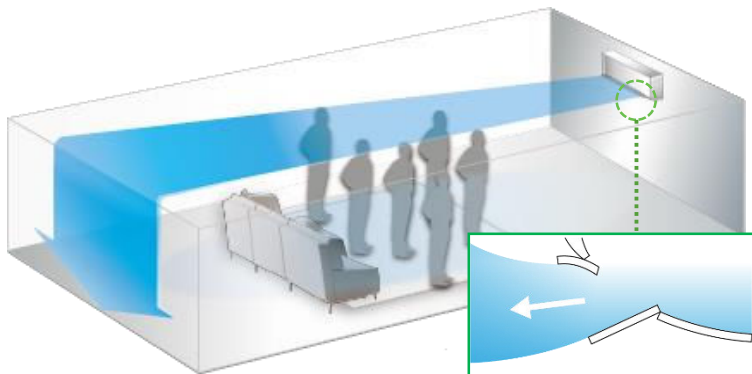


<https://www.youtube.com/watch?v=VU38QrwEv4A>



Concentrated Airflow for More Comfortable Cooling

There are now two flaps to enable finer control of air flow direction.



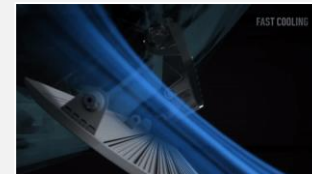
Big Twin Flap

AEROWINGS



Fast Cooling

AEROWINGS twin flaps direct concentrated airflow downwards to cool you rapidly.



Shower Cooling

Shower air flow quickly spreads cool air across a room and up to the walls, and then it showers down gently.



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Panasonic Comfort Cloud and Voice Control



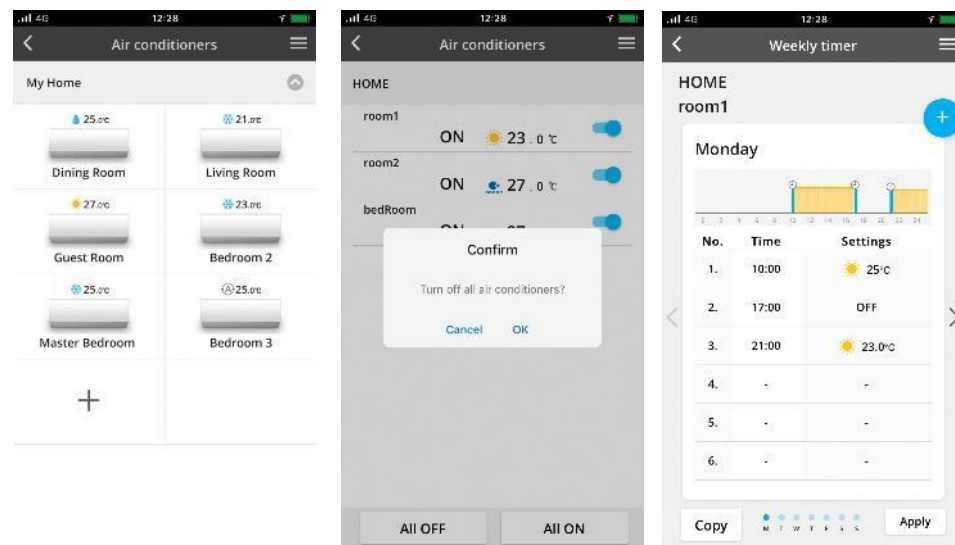
heating & cooling solutions

1 Panasonic Comfort Cloud

Control up to 200 units from anytime, anywhere.

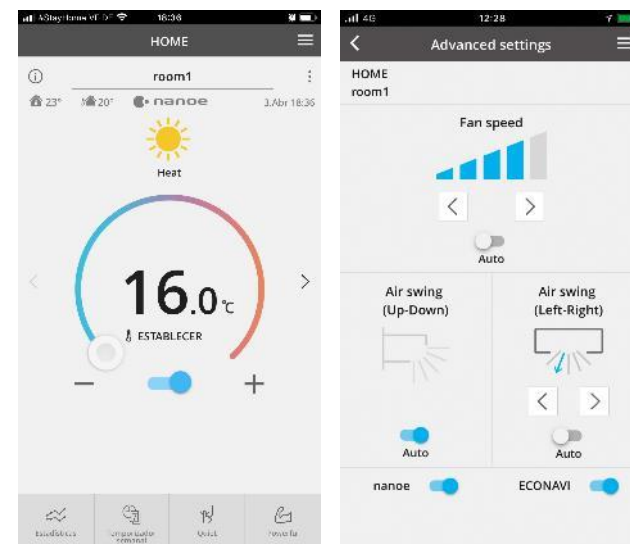


1 Smart Control

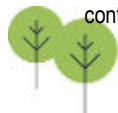


- Up to 20 units per 10 locations
- Transform multiple remote controller in 1 device
- Manage multiple units at once
- Set weekly timers (can be done for multiple units)

2 Smart Comfort



- Adjust set temperature
- Activate nanoeX and other functions



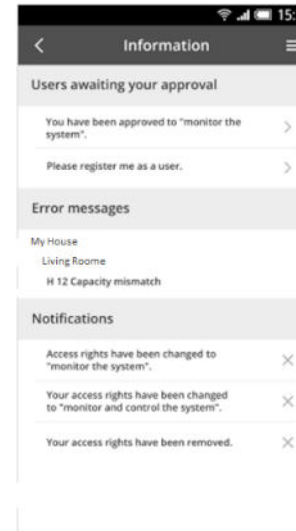
1 Panasonic Comfort Cloud

3 Smart Efficiency

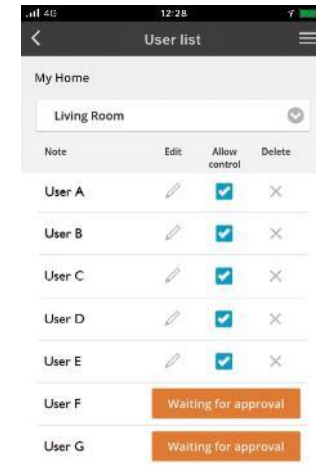


- Energy usage analysis
- Energy usage comparison

4 Smart Assist



- Error codes notification


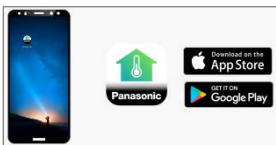





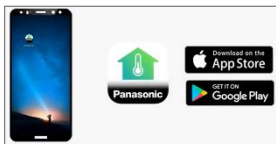


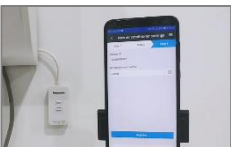


- Adjust set temperature
- Activate nanoeX in advance



RAC Comfort Cloud connection process

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	Done by Professional Installer	Done by End User			
	Adapter Installation	App download	Step1 Connection Settings WLAN connection	Step2 Device Password Settings Air conditioner registration	Step3 New Air Conditioner Settings Air conditioner naming
Built-in WLAN Models 	Not required!	 Download Comfort Cloud	 AC and WLAN connection with remote control buttons	 Password setting	 Name the device
Use of an External Adapter 	Installation work required! 	 Download Comfort Cloud	 Connect the adapter and WLAN using adapter buttons	 Set the password after inputting the adapter ID * ID is written on the box and the adapter wire.	 Name the device



I Operate the air with your voice

Panasonic Comfort Cloud is compatible with the main Voice Assistants in the market



1 Turn ON/OFF air conditioner



2 Change mode



3 Adjust temperature



4 Check current status



Internet and Voice control functions

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	Function		Alexa	Google Assistant	Comfort Cloud	Remote control	Notes
Smart Control	ON/OFF		✓	✓	✓	✓	
	Control multiple units				✓		
	Set up and manage routines		✓	✓			
Smart Comfort	Temperature	Specify Temperature	✓	✓	✓	✓	Ex. Set at 20 °C
		Relative Adjustment	✓	✓	✓	✓	Ex. 2 °C higher/lower
	Mode	Cooling	✓	✓	✓	✓	
		Heating	✓	✓	✓	✓	
		Auto	✓	✓	✓	✓	
	nanoe X				✓	✓	
Smart efficiency	Analyse energy usage patterns				✓		
	Compare historical usage				✓		
Smart Assist	Receive error notifications				✓		
	Assign multiple users		✓	✓	✓	✓	
	Status Check	Overall	X	✓	✓	✓	
		ON/OFF	✓	✓	✓	✓	
		Mode	✓	✓	✓	✓	
		Temperature	✓	✓	✓	✓	

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Accessories



heating & cooling solutions

Connectivity



CZ-TACG1
WLAN adapter for
Internet control



CZ-CAPRA1
RAC interface for
integration into P-link



PAW-AC-KNX-1i
Interface for KNX
integration



PAW-AC-MBS-1
Interface for Modbus
integration



PAW-AC-BAC-1
Interface for Bacnet
integration



PAW-SMSCONTROL
Control of Etherea by
SMS (additional SIM
required)



PAW-AC-DIO
Dry contact ON/OFF
Interface for wall type



PAW-AC-HEAT-1
PCB for heating only for
Etherea, Cassette and
Duct



Optional Wall remote controller



CZ-RD514C
Wall remote controller
for Wall mounted and
Floor console



CZ-RD514CP
Wall remote controller
for Cassette 60:60

Optional Wireless controller



CZ-RD511D
Sky remote control for Duct.
Cable length of the receiver: 2m

Other accessories



CZ-MA1P
CZ-MA2P
CZ-MA3P
Pipe reducer
(necessary for some
multi combinations)



CZ-BT20EW
Panel for cassette
60:60



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