

**100**  
A CENTURY OF  
RELIABILITY

**Panasonic**  
AIR CONDITIONING

Air Conditioning  
Solutions Portfolio  
2023/24

# PANASONIC COMFORT CLOUD

Control air conditioning units from wherever and whenever with your smartphone, by using Panasonic Comfort Cloud and WLAN smart adaptor. This scalable solution is ideal for one system, one site or multiple locations. Coupling the adapter with the already feature rich systems, makes it an ideal solution for both residential and commercial applications.



Comfort Cloud

## For Residential

Remotely manage and monitor air conditioning units from anywhere anytime.

## For Light Commercial

Gain control of multiple zones and sites intuitively up to 200 indoor units.

# PANASONIC COMFORT CLOUD FEATURES

## VOICE CONTROL

Control air conditioning units by voice command intuitively connecting to virtual personal assistant (VPA).\*

\*Time of release to be confirmed.



## FROM 1 TO 200 UNITS

User can control up to 10 different sites, with up to 200 units / groups per site.



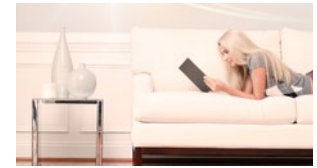
## EASY SCHEDULING

Complex weekly scheduling made simple. Not only for one units, but across multiple sites and from a smartphone.



## MULTIPLE USER

The Panasonic Comfort Cloud App allows multiuser access control. Restrict user access to specific units.



## ENERGY MONITOR

See the estimated power consumption and compare with other periods to see how energy bill can be reduced even more.\*



\*Function available depending on the model.

## ERROR CODES

Error code notification through the App, provides early notification and allows for faster repair.



## APPLICATION



Centralized control from reception.



Multiple location control for small business.

## SYSTEM CONFIGURATION

### NETWORK ADAPTOR

CZ-TACG1

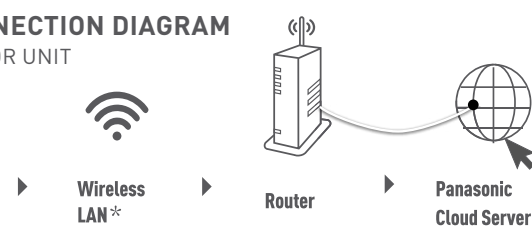
CZ-CAPWFC1



CZ-TACG1: For products for small sized project. (Page 12-14)  
CZ-CAPWFC1: Available for all types of VRF and PAC indoor unit.

### CONNECTION DIAGRAM

INDOOR UNIT



\*In conformity with IEEE 802.11

## WLAN SMART ADAPTOR SPECIFICATION

	CZ-TACG1	CZ-CAPWFC1
Input Voltage	DC 1.2V (Supplied from indoor unit)	DC 1.2V (Supplied from T10 connector)
Power Consumption	Maximum 0.66W	Maximum 2.4W
Size [H x W x D]	66 x 36 x 12mm	120 x 70 x 25mm
Weight	Approx. 85g	190g (including communications lines)
Interface	Wireless LAN	
Wireless LAN Standard	IEEE 802.11 b/g/n	
Frequency range	2.4GHz band	
Encryption	WPA2-PSK(TKIP/AES)	
Operation range	0-55°C, 20 - 80RH% (in-ceiling indoor installation)	



Comfort Cloud App



Compatible Device and Browsers

1. IOS 9.0 or above
2. Android 4.4 or above

# 24-hour nanoe™ X Air purification\*1

While the general filters in air purifiers are effective against airborne bacteria and viruses, nanoe™ X also works to inhibit longer-living, adhered bacteria and viruses. As well as this, the CONEX remote control (CZ-RTC6BLW) gives you access to your air conditioner anywhere, anytime, so you can turn nanoe™ X on even while you're out and enjoy 24-hour quality air in your home.



**Fabrics**  
Virus lifespan up to 2 days\*2

**Airborne Viruses**  
Last up to 3 hours\*2

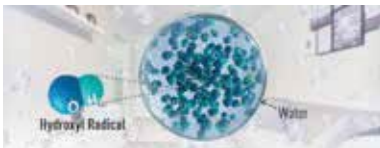
**Glass surface**  
Virus lifespan up to 4 days\*2

**Adhered Viruses**  
Last up to 2-7 days\*2

**Wood**  
Virus lifespan up to 2 days\*2

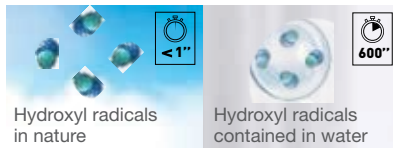
\*1 The nanoe™ X mode can be run independently from cooling or heating mode, and needs to be on for the 24 hour air purification to function.  
\*2 <https://www.businessinsider.com/coronavirus-lifespan-on-surfaces-graphic-2020-3>

## How does nanoe™ X technology work against viruses?



### 1 Huge Quantity

9.6 trillion hydroxyl radicals are generated per second, inhibiting bacteria and adhered viruses. (nanoe X Generator Mark 1 generates 4.8 trillion hydroxyl radicals/ sec)



### 2 Longer lifespan

By creating hydroxyl radicals contained in water, nanoe™ X technology, increasing hydroxyl radicals lifetime so that nanoe™ X can spread over long distances.

<https://www.panasonic.com/global/consumer/clean/hydroxyl/technology.html>



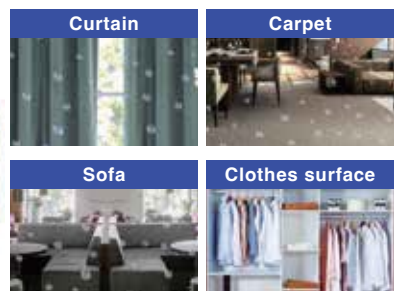
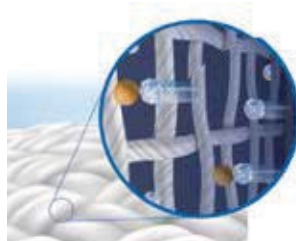
### 3 Actively fill the room

Going beyond standard filter technology, hydroxyl radicals circulate throughout rooms inhibiting both airborne and adhered bacteria and viruses.

## Effective on Adhered Pollutants

nanoe™ X penetrates deep into fabrics and deodorises, inhibits bacteria, viruses, mould, allergens, pollen and hazardous substances.

nanoe™ X extensively spread out through the room to inhibit adhered pollutants adhering to surfaces, while air filters only collect airborne dust but adhered substances.





**INVERTER**

**R32**  
REFRIGERANT

# ECO-FRIENDLY TECHNOLOGIES

Make smarter, greener choices with energy saving technologies for sustainable living

## AN ENVIRONMENTALLY-FRIENDLY REFRIGERANT

The commonly used refrigerants in air conditioning system contribute greatly to greenhouse gas emissions and ozone depletion, consequently putting our environment at stake.

At Panasonic, we are committed to healthier lifestyles and to reducing our environmental footprint. That's why our air conditioners have been increasingly adopting the more eco-friendly R32 refrigerant.

R32 refrigerant represents innovation in every way. It is an excellent heat transfer medium which leads to greater energy efficiency and cost effectiveness. R32 refrigerant also has low global warming potential, hence it's friendlier to the environment.



R32 has higher cooling capacity thereby increases heat transfer efficiency.



It consumes less energy, helping you to save on electricity costs.



R32 has zero impact on the ozone layer, therefore it's environmentally friendly.

## REFRIGERANT PROPERTIES OF R22, R32, AND R410A

	R-32	R410A	R-22
Composition	Single Component	2 Components	Single Component
Chemical Formula	CH <sub>2</sub> F <sub>2</sub>	CH <sub>2</sub> F <sub>2</sub> / CHF <sub>2</sub> CF <sub>3</sub>	CHClF <sub>2</sub>
Boiling Point (°C)	-51.7	-51.5	-40.8
Ozone Depletion Potential (ODP)	0	0	0.055
Global Warming Potential (GWP)	675	2090	1810
Pressure	1.6 x	1.6 x	1x
Refrigerant Oil	Synthetic Oil (FW50S)	Synthetic Oil (FV50S)	Mineral Oil
Toxicity	None	None	None
Flammability	A2L Mildly flammable	A1 Non-flammable	A1 Non-flammable

### What is R32?

**R32**  
REFRIGERANT

CH<sub>2</sub>F<sub>2</sub>: Single composition

GWP<sub>R32</sub>  $\frac{1}{3}$  GWP<sub>R410A</sub>

Lifetime in atmosphere is shorter, 4 – 9 years

Ozone Depletion Potential (ODP) = 0

Non toxic

# SINGLE-SPLIT ROOM AIR CONDITIONING



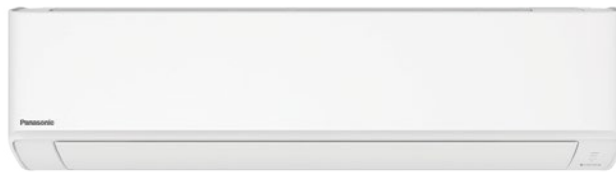
## AERO SERIES (Z-MODELS)



AEROWINGS



**MODELS:** CS-Z20XKRW, CS-Z25XKRW-1, CS-Z35XKRW, CS-Z42XKRW, CS-Z50XKRW



**MODELS:** CS-Z50XKRW-1, CS-Z60XKRW-1, CS-Z71XKRW, CS-Z80YKR



Wireless  
(Standard)



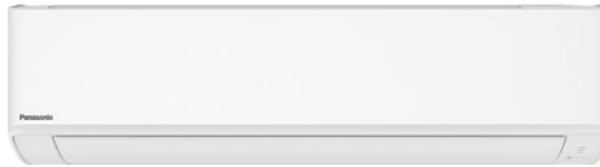
Wired  
CZ-RD517C  
(Optional)

## DEVELOPER SERIES (RZ-MODELS)

AEROWINGS



**MODELS:** CS-RZ25XKRW, CS-RZ35XKRW, CS-RZ42XKRW, CS-RZ50XKRW



**MODELS:** CS-RZ60XKRW, CS-RZ71XKRW, CS-RZ80YKR



Wireless  
(Standard)



Wired  
CZ-RD517C  
(Optional)



Wifi Network  
Adaptor  
CZ-TACG1  
(Optional)

## PREMIER SERIES (UFR-MODELS)



**MODELS:** CS-Z25UFRW, CS-Z35UFRW, CS-Z50UFRW



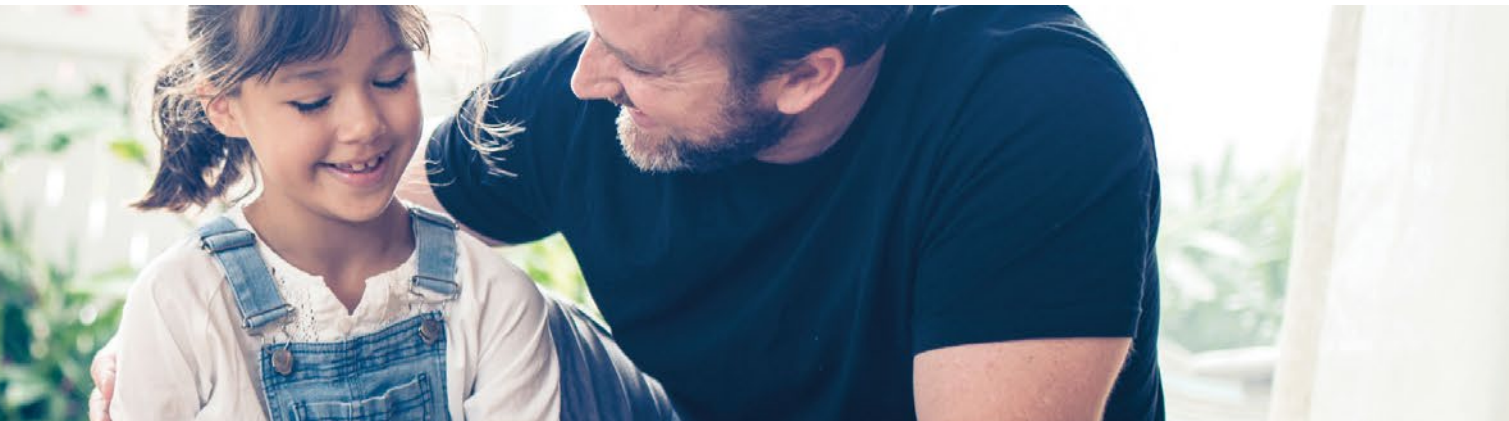
Wireless  
(Standard)



Wired  
CZ-RD517C  
(Optional)



Wifi Network  
Adaptor  
CZ-TACG1 (Optional)



## INVERTER

INVERTER prevents wasteful energy consumption by varying the compressor rotation speed to maintain the set temperature without sacrificing your comfort.

The Panasonic INVERTER air conditioner varies the rotation speed of the compressor, providing a precise method of maintaining the set temperature. Thus, Panasonic INVERTER air conditioners give you exceptional energy saving performance while ensuring you stay comfortable at all times.

## ECO+AI

The new Panasonic ECO Mode with Artificial Intelligence (A.I.) Control learns about your room environment. Energy saving is maximised in each room's environment as it auto-adjusts to the optimal ECO level based on heat load conditions and air conditioning capacity.

## IAUTO-X

The new Panasonic Thermal Enhancement Technology (P-Tech) enables the compressor to achieve maximum frequency in the shortest time from start up, allowing for 15%\* faster cooling.

### Fast Cooling

Features twin motorised blades that direct airflow downwards, delivering concentrated cool air to cool down the room faster, providing you with a unique FAST COOLING experience.

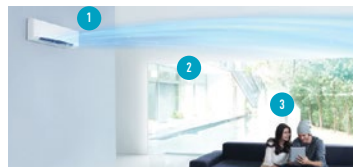


## AEROWINGS

The new Panasonic Thermal Enhancement Technology (P-Tech) enables the compressor to achieve maximum frequency in the shortest time from start up, allowing for 15%\* faster cooling.

### Shower Cooling

SHOWER COOLING is the feeling that gently washes over you like a cool morning. After reaching the set temperature, AEROWINGS directs airflow upwards to spread cool air evenly across the room, and showers down for endless comfort.



## NANO<sup>TM</sup>

Panasonic's unique nanoe<sup>TM</sup> X has an outstanding effect on various air pollutants, including allergens, viruses and bacteria, as well as cigarette and other household odours. It takes reliable air purification performance another step forward.

### How nanoe<sup>TM</sup> works:

- Deodorises unpleasant odours <sup>\*1\*2\*3</sup>
- Inhibits bacteria and virus <sup>\*4\*5\*6\*7\*8</sup>

\*1 Adhering odour of cigarette [Effectiveness]: Decrease by 1.7 level [Testing Institute: Gunma Research Center [Test Report No. No. Z7055 (Result): Decrease in odour intensity by 0.7 level after 2 hour of operation. \*2 Floating odour of cigarette [Effectiveness]: Decrease by 0.8 level [Test Lab Size]: 136.5m<sup>3</sup> [Testing Institute: Panasonic Corporation Product Analysis Center [Test Report No.]: 4A433-170117-A01 (Result): Decrease in odour intensity by 0.8 level after 2 hour of operation. \*3 Adhering odour of Meat Grilling [Effectiveness]: Decrease by 0.9 level [Test Lab Size]: 67.7m<sup>3</sup> [Testing Institute: Panasonic Corporation Product Analysis Center [Test Report No.]: 4A433-170203-A03 (Result): Decrease in odour intensity by 0.9 level after 2 hour of operation. \*4 Mould [Effectiveness]: Inhibit Mould Growth [Testing Institute: Japan Food Research Laboratories [Test Report No.]: 13044083002-01 (Result): The growth of the subject was inhibited after 8-hour nanoe<sup>TM</sup> operation. \*5 Bacteria [Effectiveness]: 99% [Testing Institute: Kitasato Research Center for Environmental Science [Test Report No.]: KRCCS-Env. Test Report 24\_0301\_1 (Result): 99% of deactivation after 4-hour nanoe<sup>TM</sup> operation. \*6 Bacteria [Effectiveness]: 99% [Testing Institute: Japan Food Research Laboratories [Test Report No.]: 13044083002-01 (Result): The growth of the subject was inhibited after 8-hour nanoe<sup>TM</sup> operation. \*7 Viruses [Effectiveness]: 99% [Testing Institute: Kitasato Research Center for Environmental Science [Test Report No.]: KRCCS-Env. Test Report 24\_0300\_1 (Result): 99% of deactivation after 6-hour nanoe<sup>TM</sup> operation. \*8 Viruses [Effectiveness]: 99% [Testing Institute: Japan Food Research Laboratories [Test Report No.]: 13001265005-01 (Result): 99% of deactivation after 8-hour nanoe<sup>TM</sup> operation.



## A more connected future CZ-TACG1

Introducing Panasonic's new connectivity solution, the Wifi Adaptor. Retrofitted to your existing or new Panasonic Room Air Conditioner, the adaptor allows you to seamlessly control every facet of your Panasonic Air Conditioner.



### Indoor Unit-Network

Air Conditioner equipped with built-in Wi-Fi/  
optional network adaptor (CZ-TACG1/  
CZ-CAPWFC1)/ CONEX Wired Remote  
Controller.\*



### Other Hardware Requirements

Router - Internet - Smartphone  
(Required 2.4GHz transmission channel)

\*Purchase and subscribe separately.



### Compatible Device and Browsers

1. iOS 9.0 or above
2. Android<sup>TM</sup> 5.0 Lollipop or later

### Download Free App



Download on the App Store



GET IT ON Google Play

\*For AC models (DEVELOPER RZ SERIES, FLOOR CONSOLE, SLIM DUCTED and MINI CASSETTE), you need accessory CZ-TACG1 connected to port CN-CNT. CZ-RC6BLW or CZ-CAPWFC1 accessory is required for MINI CASSETTE WITHnanoe<sup>TM</sup> X. Built-in Wi-Fi is only available for AERD Z SERIES model. \*Indoor temperature display and some functions are not available through the App for all models. Screen capture based on current Comfort Cloud app version 1.12.0

# SMALL SCALE RESIDENTIAL & COMMERCIAL SOLUTIONS

## INDOOR UNITS - SINGLE OR MULTI

**INVERTER**

**DRED**  
ready  
DEMAND RESPONSE  
ENABLED DEVICE

**R32**  
REFRIGERANT



### 4-WAY MINI-CASSETTE

- Market-leading Energy Efficiency
- Compact Design (230mm High)
- Easy Installation
- Built-in Drain Pump
- -15°C to +46°C Operating range

2.5kw – 6.0kw

**MODELS:** S/U-25PY3R5Z, S/U-36PY3R5Z, S/U-50PY3R5Z, S/U-60PY3R5Z



### FLOOR CONSOLES

- Uses R32 Gas (More Environmentally Friendly than R410A)
- Breakthrough Modern Design
- nanoe™ X with nano-technology
- Internet Control

2.5kW - 5.0kW

**MODELS:** CS-Z25UFRAW, CS-Z35UFRAW, CS-Z50UFRAW

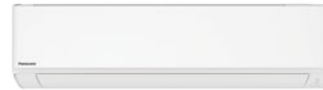


### ULTRA SLIM DUCTED

- Market-leading Energy Efficiency
- Only 200mm High
- Rear or Bottom Return Air
- Built-in Drain Pump (500mm lift\*)
- -15°C to +46°C Operating Range

2.6kW - 6.0kW

**MODELS:** CS-Z25UD3RAW, CS-Z35UD3RAW, CS-Z50UD3RAW, CS-Z60UD3RAW



### WALL MOUNTED

- Quiet Operation
- Smooth and Durable
- Piping Outlet in 6 Directions

1.6kW - 7.1kW

**MODELS:** CS-Z20XKRW, CS-Z25XKRW-1, CS-Z35XKRW, CS-Z42XKRW, CS-Z50XKRW, CS-Z50XKRW-1, CS-Z60XKRW-1, CS-Z71XKRW, CS-RZ25XKRW, CS-RZ35XKRW, CS-RZ42XKRW, CS-RZ50XKRW, CS-RZ60XKRW, CS-RZ71XKRW

**nanoeX** Indoor Unit-Network

## WALL-MOUNTED – AERO Z SERIES



Wireless Remote Controller Included



CZ-RD517C Wired Remote Controller (Optional)

Model No	CS-Z20XKRW	CS-Z25XKRW-1	CS-Z35XKRW	CS-Z42XKRW
Capacity	2.0kW	2.5kW	3.5kW	4.2kW <sup>1</sup>

Model No	CS-Z50XKRW	CS-Z50XKRW-1	CS-Z60XKRW-1	CS-Z71XKRW
Capacity	5.0kW <sup>1</sup>	5.0kW <sup>1</sup>	6.0kW <sup>2</sup>	7.1kW <sup>2*3</sup>

## WALL-MOUNTED – DEVELOPER RZ SERIES



Wireless Remote Controller Included



CZ-RD517C Wired Remote Controller (Optional)



CZ-TACG1 Network Adaptor<sup>5</sup> (Optional)

Model No	CS-MRZ16WKR	CS-MRZ20WKR	CS-RZ25XKRW	CS-RZ35XKRW
Capacity	1.6kW	2.0kW	2.5kW	3.5kW

Model No	CS-RZ42XKRW	CS-RZ50XKRW	CS-RZ60XKRW	CS-RZ71XKRW
Capacity	4.2kW <sup>1</sup>	5.0kW <sup>1</sup>	6.0kW <sup>2</sup>	7.1kW <sup>2*3</sup>





## OUTDOOR UNITS - SINGLE SPLIT



2.5kW - 3.7kW

MODELS: CU-Z25UBRA, CU-Z35UBRA



4.8kW - 5.7kW

MODELS: CU-Z50UBRA, CU-Z60UBRA

## OUTDOOR UNITS - MULTI SPLIT



5.2kW

MODELS: CU-Z252VBR



5.4kW - 7.1kW

MODELS: CU-3Z54VBR, CU-4Z71VBR



8.0kW - 10.0kW

MODELS: CU-4Z80VBR, CU-5Z100VBR

## ADVANTAGES OF THE INVERTER MULTI-SPLIT SYSTEM

### INDOOR UNIT

- A variety of indoor units
- Market-leading energy efficiency
- Anti-bacterial filter (wall-mounted type only)
- Precise control of individual room temperature

### OUTDOOR UNIT

- Space-saving 52% less space than five single split type



Single Split Type CU-Z25TKR

BIG SPACE SAVINGS



CU-5Z100VBR



With a single outdoor unit, control up to 5 indoor units. (Maximum)

### INVERTER CONTROL

The inverter offers energy-saving efficiency, quick comfort, and flexible power control. Our compressor saves more energy while reducing vibration, noise and unit size.



# DUCTED AIR CONDITIONING RESIDENTIAL & COMMERCIAL SOLUTIONS

## HIGH STATIC DUCTED



### HIGH STATIC PRESSURE DUCTED

High static and large airflow ducted for exceptional installation flexibility.

6.0kW - 16.0kW

**MODELS:** S-60PE3R, S-71PE3R, S-100PE3R, S-125PE3R, S-140PE3R, S-160PE3R

## MID STATIC DUCTED



### MID STATIC PRESSURE ADAPTIVE DUCTED

Provides exceptional performance, super quiet operation and the ultimate in control. A perfect solution when ceiling heights are restricted. Can be mounted horizontally or vertically.

3.6kW - 14.0kW

**MODELS:** S-3650PF3E, S-6071PF3E, S-1014PF3E

## SPLITTABLE DUCTED



### HIGH STATIC PRESSURE DUCTED

High static and large airflow ducted for exceptional installation flexibility.

18.0kW - 22.4kW

**MODELS:** S-180PE3R5B, S-200PE3R5B, S-224PE3R5B

Note: 3 Phase only.

# Manage Up to 8 Zones with an Advanced Zone Control System

**Ducted Air Conditioner**

**Intuitive Control with Comfort Cloud App**  
Each family member can control home AC from multiple devices

Download on the **App Store**  
GET IT ON **Google Play**

**CONEX**  
Zone controller

**Zone controller CZ-RTC6Z**  
Thanks to built-in WLAN RC, set up is easy

Compatible Device and Browsers.  
• iOS 9.0 or above • Android™ 5.0 or above\*

**Zone Control Box CZ-CAPZ1M**  
(Multiple opening step model)  
**CZ-CAPZ1S**  
(ON/OFF model)

**Remote Temperature Sensor CZ-CSRC3** (optional)

•The following equipment is required for use  
Damper and Damper Motor (locally supplied) /Transformer (locally supplied)

\* iOS is the name of the OS of Apple Inc. iOS is a trademark or registered trademark of Cisco in the US and other countries where it is licensed for use.  
Apple and the Apple logo are trademarks of Apple Inc. that are registered in the US and other countries. App Store is a service mark of Apple Inc.  
\* Android™, Google Play™ and Google Play™ logos are registered trademarks of Google LLC.

## Usable indoor units

Zone Controller can be connected with 3.6 kW to 22.4 kW Ducted (PE3 and PF3) Indoors and VRF Ducted units (M1, E1, E2, E1R, F2, F3 and Z1).



\*Connectable to selected Panasonic ducted models only, please consult Panasonic for more details.

Series	PE3	PF3	MM1	ME1	ME2	ME1R	MF2	MF3	MZ1
Capacity	6.0 kW-22.4 kW	3.6 kW-14.0 kW	2.2 kW-5.6 kW	7.3 kW-14.0 kW	18.0 kW-28.0 kW	9.0 kW-16.0 kW	2.2 kW-16.0 kW		2.2 kW-7.3 kW

Note: Product images not to scale.

# LIGHT TO MEDIUM RESIDENTIAL & COMMERCIAL SOLUTIONS

## INDOOR UNITS



### 4-WAY MINI-CASSETTE

Providing market leading energy efficiency in a compact, easy to install design. These units are perfect for creating the ideal living environment.

2.5kw – 6.0kw

MODELS: S/U-25PY3R5Z, S/U-36PY3R5Z, S/U-50PY3R5Z, S/U-60PY3R5Z\*



### UNDER CEILING

Providing outstanding energy-saving performance, comfort and long-distance airflow distribution, these units are perfect for retail stores and schools.

10.0kW - 14.0kW

MODELS: S-1014PT3E



### WALL MOUNTED

Providing small, lightweight and low noise level design, it is ideal for small offices and other commercial applications. It also has a stylish smooth design with a washable front panel.

10.0kW

MODELS: S-100PK3R



## OUTDOOR UNITS



### R32 COMPACT MODEL



2.5kW-7.1kW

MODELS: U-25PZ3R5, U-36PZ3R5, U-50PZ3R5, 60PZ3R5, U-71PZ3R5,



10.0kW-14.0kW

MODELS: U-100PZ3R5, U-125PZ3R5, U-140PZ3R5, U-140PZ3R8\*

### R32 DELUXE MODEL



7.1kW

MODELS: U-71PZH3R5



10.0kW - 14.0kW

MODELS: U-100PZH3R5, U-125PZH3R5, U-140PZH3R5, U-140PZH3R8\*



16.0kW - 22.4kW

MODELS: U-160PZH2R5, U-160PZH2R8\*, U-180PZH2R8\*, U-200PZH2R8\*, U-224PZH2R8\*

\*3 Phase

# LARGE SCALE RESIDENTIAL & COMMERCIAL SOLUTIONS

## R32 Mini VRF LZ2 Series



Cooling or Heating Type 1 phase  
Cooling or Heating Type 3 phase

Anti-Corrosion  
Model\*1

**R32**  
REFRIGERANT

### FOR SMALL-SCALE COMMERCIAL AND RESIDENTIAL USE

- 150% connectible capacity ratio, our highest to date
- 8 outdoor units to choose from. 12.1, 14.0 and 15.5kW models in single or 3 phase and 22.4 and 28.0kW models in 3 phase only
- Works in any New Zealand Climate
  - ° Cooling: -10 °C to 52 °C DB
  - ° Heating: -20°C to 18°C DB
- Connects up to 16 separate indoor units, depending on outdoor unit model
- Optional refrigerant leak detector - CZ-CGLSC1
- High external static pressure of 35Pa
- Max piping length of 180m (12.1/14.0/15.5kW) / 300m (22.4/28.0 kW) available as needed
- 12.1/14.0/15.5kW - **4.53\* EER** (in the case of 12.1kW)
- 22.4/28.0kW - **3.84\* EER** (in the case of 22.4kW)

## 2-PIPE FSV-EX ME2 SERIES



Cooling or Heating

Anti-Corrosion  
Model

### SPACE-SAVING COMBINATION MODEL

- Wide range of systems from 22.4kW to 224.0kW
- Class-leading EER of 4.7 (for 22.4kW model)
- Industry-leading low noise of 54dB (22.4kW model)
- Cooling operation possible with outdoor temperature as high as 52°C (DB)
- Long maximum pipe length (up to 1,000m)
- Up to 64 indoor units connectable
- External static pressure up to 80Pa
- Extended operating range allows heating with outdoor temperatures as low as -25°C (WB)
- Suitable for R22 renewal projects\*

\*Refer to Technical Document for further details

Cooling or Heating

Anti-Corrosion  
Model

### HIGH EFFICIENCY COMBINATION MODEL

- Wide range of systems from 22.4kW to 180.0kW
  - Higher EER than the Space-saving Combination Model
- Refer to Technical Document for further details





## 3-PIPE FSV MF2 SERIES



Heat Recovery Type

Standby for the announcement of the 3-PIPE FSVEX MF3 Series.



Cooling or Heating Simultaneous Type

Anti-Corrosion Model

### FOR SIMULTANEOUS HEATING AND COOLING OPERATION

- Wide range of systems from 22.4kW to 118.0kW
- Top class EER: 3.94 / COP: 4.49 (in the case of 22.4kW)
- Longer maximum piping length (up to 500m)
- Increased maximum number of connectable indoor units (up to 52)
- External static pressure up to 80Pa
- Cooling operation is possible when outdoor temperature as high as 46°C DB
- Extended operating range to provide heating at outdoor temperature as low as -20°C WB
- Suitable for R22 renewal projects\*

\*Refer to Technical Document for further details

## FSV INDOOR UNITS RANGE (TABLE)

Wide choice of models depending on the indoor requirements

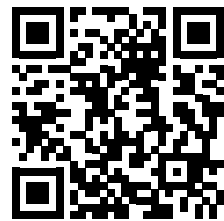
Class	22	28	36	45	56	60	73	90	106	112	140	160	180	224	280	
Type Capacity	Cooling/ Heating		Cooling Heating		Cooling Heating		Cooling Heating		Cooling Heating		Cooling Heating		Cooling Heating		Cooling Heating	
	kW		BTU/h		kW		BTU/h		kW		BTU/h		kW		BTU/h	
<b>nanoeX</b> Generator Mark3 F3 type <b>ECONAVI</b> Mid Static Adaptive Ducted R410A	●	●	●	●	●	●	●	●	●		●	●				
<b>nanoeX</b> Generator Mark3 F3 type <b>ECONAVI</b> Mid Static Adaptive Ducted R32	●	●	●	●	●	●	●	●	●		●	●				
M1 type <b>ECONAVI</b> Slim Low Static Ducted R410A/R32	●	●	●	●	●											
Z1 type <b>ECONAVI</b> Slim & Narrow Ducted R410A	●	●	●	●	●	●										
E2 type High Static Ducted / Energy Saving High-Fresh Air Ducted R410A													●	●	●	
E1 type High Static Ducted R410A								●		●	●	●				
K2 type <b>ECONAVI</b> Wall Mounted R410A/R32	●	●	●	●	●		●		●							
<b>nanoeX</b> Generator Mark3 U2 type <b>ECONAVI</b> 4-Way Cassette Panel No. CZ-KPU3H/CZ-KPU3A R410A/R32	●	●	●	●	●	●	●	●	●		●	●				
<b>nanoeX</b> Generator Mark3 Y3 type <b>ECONAVI</b> 4-Way Mini Cassette Panel No. CZ-KPY4 R410A/R32	●	●	●	●	●											
L1 type 2-Way Cassette Panel No. CZ-02KPL2 Panel No. CZ-03KPL2 (Only for S-73ML1E5) R410A	●	●	●	●	●		●									
D1 type 1-Way Cassette Panel No. CZ-KPD2 R410A		●	●	●	●		●									
T2 type <b>ECONAVI</b> Under Ceiling R410A			●	●	●	●	●		●		●					
<b>nanoeX</b> Generator Mark1 G1 type Floor Console R410A	●	●	●	●	●											
P1 type Floor Standing R410A	●	●	●	●	●		●									
R1 type Concealed Floor Standing R410A	●	●	●	●	●		●									



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AIR CONDITIONING