

# Panasonic®

**Building Passion,  
Building Solutions.**  
Panasonic Air Conditioning Systems

We face a time in which "quality air" differentiates business. It's a time for Panasonic to fully display its strengths. Our ability to assemble and build superior systems isn't just due to the rich resources we have as a comprehensive electronics manufacturer, but also to Panasonic's 100 years of tradition, where each person thinks and acts on their own initiative while working in a team to reach further heights. We do not compromise. Each of our independent selves is a one stop solution. We face our customers' challenges together with our customers and do all that we can to build effective systems. As a true partner for our customers, we strive to always be at the forefront of business.

- Please read the Installation Instructions carefully before installing the unit, and the Operating Instructions before using it.
- Specifications are subject to change without prior notice.
- The contents of this catalogue are accurate as of July 2023.
- Due to printing considerations, actual colours may vary slightly from those shown.
- All graphics are provided solely for the purpose of illustrating a point.



Do not add or replace refrigerant other than the specified type. Manufacturer is not responsible for damage or deterioration in safety due to usage of other refrigerant.

Authorised Dealer

OCAU\_R32 PAC Duct\_CAT\_2023\_V1

**Panasonic Australia Pty. Limited.**

Address: 1 Innovation Road, Macquarie Park, NSW 2113  
ACN 001 592 187 ABN 83 001 592 187

aircon.panasonic.com.au

## PREMIUM INVERTER DUCTED AIR CONDITIONING



Scan for more Panasonic Air Conditioning information.  
Connect with your smartphone using this QR

HVAC Site



Product information



**nanoe™X**

**R32**  
REFRIGERANT




QUALITY AIR FOR LIFE







**Pre-Cool Your Office Before Arriving**




To enjoy the most comfortable day at work, pre-cool it before reaching and be greeted with a cool and pleasant office.

**Conveniently Turn All OFF/ON Easily**

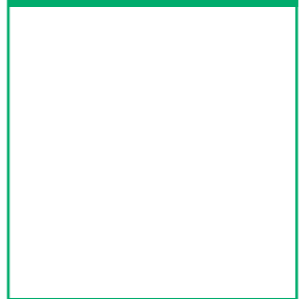
Never have to worry about individually switching OFF/ON your air conditioner units. With a tap, you can turn all your air conditioner OFF/ON.

**Purifies Your Office with nanoe™ X**



With the Comfort Cloud App, you can easily turn on the nanoe™ mode anytime, anywhere.

**Group Status**

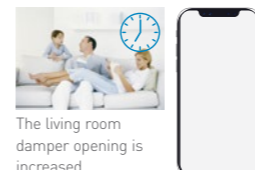


**Statistics**

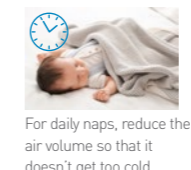


**Individual Comfort and Energy Saving**  
Airflow Volume Control

The damper opening can be controlled with the Comfort Cloud app. Adjust the air volume conveniently according to your daily life.



The living room damper opening is increased.



For daily naps, reduce the air volume so that it doesn't get too cold.

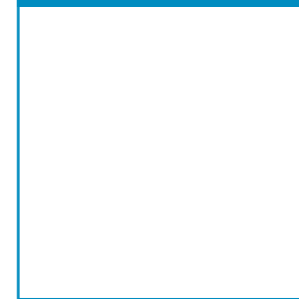
**Auto-optimised Comfort for Your Lifestyle**  
Weekly Timer

Able to set 6 timers/day. Realise optimal control day & night for your lifestyle with timers.

**Purifies Your Room with nanoe™ X**  
24hr Clean Air

When you go out, clean the air with the nanoe™ mode. Pre-cool the living zone according to the time you return home.

**Zone Status**




**Statistics**




**Requirements for Connecting with Panasonic Comfort Cloud App**



**External Adapter, Remote Controller Network**



**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™ 5.0 Lollipop or later

**Download Free App**  
Panasonic Comfort Cloud app

\* New white model's scheduled release date is 4th Quarter in CY23. Note: Product images not to scale.

\* New white model's scheduled release date is 4th Quarter in CY23. Note: Product images not to scale.

# Next Generation One-touch Control, Anytime, Anywhere

Air conditioning for each zone anytime, anywhere according to your needs. Enabled by the fusion of Panasonic's IoT technology and cloud service.

CONEX Zone Controller



Product movie



## Stress-free Operation with the CONEX Zone Controller

To suit the lifestyles of different families, the optimum air conditioning for any scene at a variety of times can be achieved with simple operation using a smartphone.

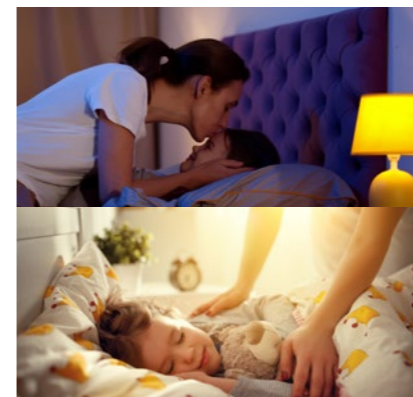


### Individual comfort

#### •Airflow volume control

The damper opening can be controlled with the Comfort Cloud App. Adjust the air volume conveniently according to your lifestyle.

E.g.) Open the living room damper when the family gathers. For daily naps, reduce airflow volume so that it doesn't get too cold.



### Auto optimised comfort for your lifestyle

#### •Weekly timer

Able to set 6 timers/day. Realize optimal control day & night for your lifestyle with timers.

E.g.) Usually, pre-cool a child's room 30 minutes before going to bed. After your child is asleep, the air conditioner turns off. If you want your child to rest longer, you can turn on cooling again in the morning.



### Enable comfort for whole family

#### •Target temperature control

The temp targeted zone can be switched easily according to how you and your family spend time, making the whole family comfortable.

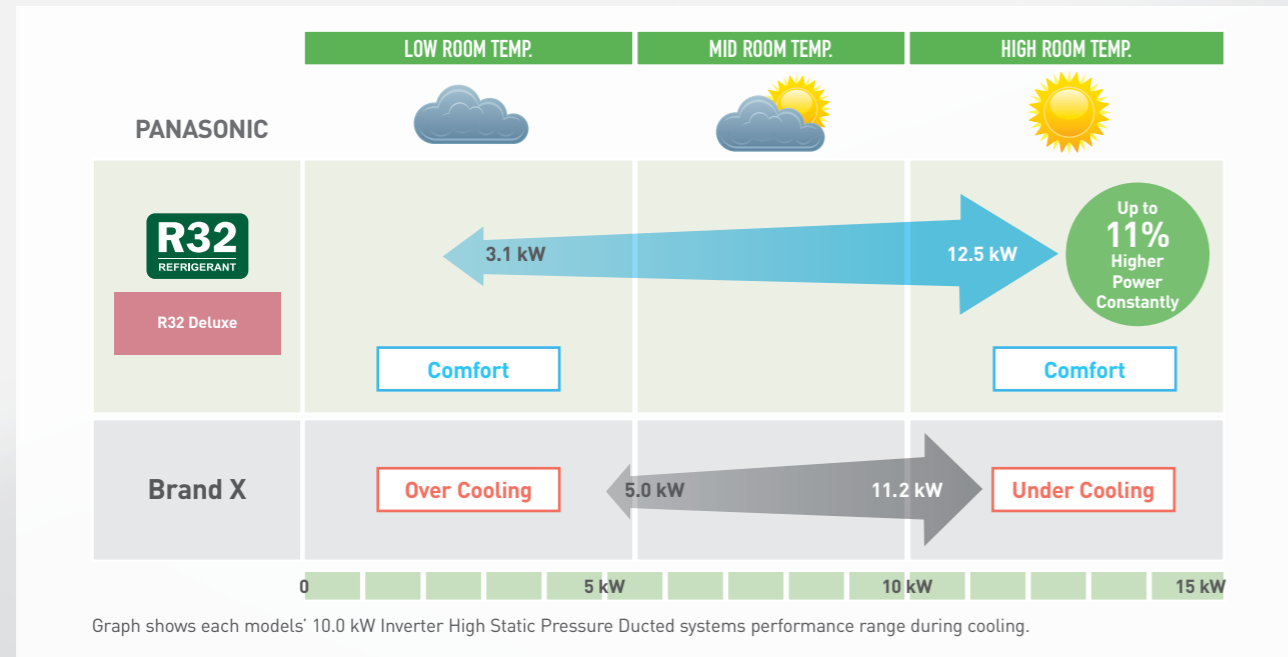
E.g.) When gathering in the living room, switch to AC control based on the living room temperature to reach a comfortable temperature. You can also clean the air with the nanoe™ mode.

Controllable Function List RC and App	Zone Controller (CZ-RTC6WZ* / CZ-RTC6Z)		Comfort Cloud
	ON/OFF (CAPZ1S)	Multiple (CAPZ1M)	APP
Function			
Power ON/OFF	✓	✓	✓
Temperature setting	✓	✓	✓
Fan Speed Setting	✓	✓	✓
Mode Selection	✓	✓	✓
Zone ON/OFF	✓	✓	✓
Damper Step Settings	—	✓	✓
Weekly Timer	—	—	✓
nanoe™ X ON/OFF	✓	✓	✓
WLAN Settings	✓	✓	—
Enter Zone Names	✓	✓	✓
Temperature Zone Setting	✓	✓	✓
Auto Sensor	✓	✓	—
Spill Zone Settings	✓	✓	✓
Spill Zone Notification	✓	✓	✓
Field Settings	✓	✓	✓
Test Run	✓	✓	—
Operate from Outside	—	—	✓
Operate from Any Room	—	—	✓
Multiple Users	—	—	✓

# Why Choose Panasonic?

## Constant Comfort Air Conditioning

Another advantage of Panasonic Premium Inverter technology includes its ability to ensure precise temperature control and offer a wider power output range to perform in even the most extreme conditions in Australia, ensuring constant comfort.



## All Side Discharge R32 Outdoor Units

Panasonic's new range of outdoor units feature intuitive technology and thoughtful engineering. The two innovative ranges of R32 units, both Deluxe and Compact, feature energy and space saving technologies, allowing installation in even the tightest and demanding conditions.



## Class Leading Features



### Energy Saving Technologies

Panasonic's Premium Inverter technology creates a powerhouse energy-saving ducted air conditioning system with the ability to lower both cooling capacity and power consumption when required. Panasonic's clever technologies benefit both the environment and your power bill, so your green intention won't prevent you from living a comfortable life.



### Designed for The Australian Environment

Our Premium Inverter ducted systems boast an outstanding operating temperature range. Cooling operation is possible even when it is a scorching up to 48°C outside, which is perfect for Australia's hot summer days and the heating operation is designed to operate even when it's a freezing -20°C outside, so even the coldest parts of Australia are covered.



### Superior Technology Makes Superior Systems

- Demand Response Enabling Device (DRED) ready
- Panasonic Premium Inverter technology
- DC indoor fan motor\*
- Incredibly quiet operation
- Compact indoor and outdoor design
- Easy interfacing for remote On/Off, control outputs, and third party control.

\* Excludes 14.0kW and 16.0kW.

Note: In case of R32 Deluxe Models up to 14.0kW. Please refer to Technical Data Capacity Table for full details.



### Quiet Operation

Panasonic Premium Inverter ducted systems are amongst the quietest in the world, so you can enjoy the comfort of running your air conditioner at night and still have a relaxing sleep. The outdoor unit is also very quiet which means you don't have to worry about keeping your neighbours up either.



### Cold Drafts Reduced During Winter

Cold drafts during start-up are a common unwanted side effect of ducted air conditioning systems. During heating mode Panasonic Premium Inverter ducted air conditioners employ clever sensor technology that allows airflow to enter the room when it has been warmed. This great feature reduces cold drafts, keeping you comfortable at all times.



### You Can Count on Panasonic

Panasonic air conditioners are manufactured to the highest quality standards to ensure years of reliable comfort. We even back our reliability by offering a full 5 year parts and labour warranty.



# Specifications

## R32 Compact Model



### Indoor Unit

Hidden in your ceiling



6.0kW  
S-60PE3R



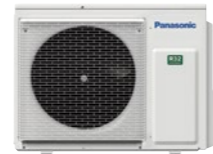
7.1kW - 10.0kW  
S-71PE3R / S-100PE3R



12.5kW - 14.0kW  
S-125PE3R / S-140PE3R

### Outdoor Unit

Sits outside your home



6.0kW - 7.1kW  
U-60PZ3R5 / U-71PZ3R5

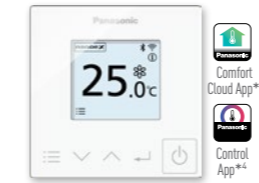


10.0kW - 14.0kW  
U-100PZ3R5 / U-100PZ3R8\* / U-125PZ3R5  
U-125PZ3R8\* / U-140PZ3R5 / U-140PZ3R8\*

\*1 3-Phase

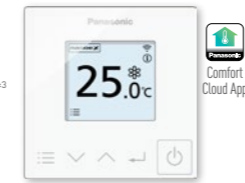
### Optional Controller

Variety of options, easy to use



CZ-RTC6WBL\*2 / CZ-RTC6WBL\*5  
CONEX High-Spec.

This wired remote controller offer IoT integration that connects directly to a variety of apps.



CZ-RTC6WZ\*5  
CONEX Zone Controller

This remote controller can manage up to 8 zones of air conditioning.



CZ-RTC5B  
Deluxe Wired Remote Controller

This optional backlit LED large controller can be installed in your bed room so you can change the temperature during the night without turning on the light.



CZ-RTC4  
Wired Remote Controller

The wall control with its large LCD display gives you full operational access and can be easily customised to suit your unique requirements.



CZ-RWS3 + CZ-RWRC3  
Wireless Remote Controller

This wireless remote controller gives you the convenience to operate the unit from anywhere in the room.



PAC Smart Connectivity  
SER8150

Fully customisable and Building Management System ready wall controller.



CZ-CAPWFC1  
Network Adaptor

Anywhere, anytime control and monitoring multiple air conditioning units.

\*2 Launched in 4th Quarter in CY23. Black models(CZ-RTC6BL/CZ-RTC6BLW) are also available.

\*3 Applicable for CZ-RTC6WBL\*2/CZ-RTC6BLW

\*4 Applicable for CZ-RTC6WBL\*2/CZ-RTC6BL/CZ-RTC6WBL\*2/CZ-RTC6BLW

\*5 Launched in 4th Quarter in CY23. A black model(CZ-RTC6Z) is also available.

Note: CZ-RTC6WBL\*2, CZ-RTC6BL, CZ-RTC6WBL\*2, CZ-RTC6BLW, CZ-RTC5B, CZ-RTC6WZ\*5, CZ-RTC6Z or selected wireless remote controller is needed to turn on or turn off nanoe™ X, please consult Panasonic for details.  
Product images not to scale.

Capacity		6.0kW	7.1kW	10.0kW	12.5kW	14.0kW	
Model Name	Indoor Unit	S-60PE3R	S-71PE3R	S-100PE3R	S-125PE3R	S-140PE3R	
	Outdoor Unit	U-60PZ3R5	U-71PZ3R5	U-100PZ3R5	U-100PZ3R8	U-125PZ3R5	
Cooling capacity :	kW	6.0 (2.0 - 7.1)	7.1 (2.6 - 7.7)	10.0 (3.0 - 11.5)	12.5 (3.2 - 13.5)	14.0 (3.3 - 15.0)	
	BTU/h	20,500 (6,800 - 24,200)	24,200 (8,900 - 26,300)	34,100 (10,200 - 39,200)	42,700 (10,900 - 46,100)	47,800 (11,300 - 51,200)	
Heating capacity	kW	6.0 (1.8 - 7.0)	7.1 (2.1 - 8.1)	10.0 (3.0 - 14.0)	12.5 (3.3 - 15.0)	14.0 (3.4 - 16.0)	
	BTU/h	20,500 (6,100 - 23,900)	24,200 (7,200 - 27,600)	34,100 (10,200 - 47,800)	42,700 (11,300 - 51,200)	47,800 (11,600 - 54,600)	
EER : COP	W/W	3.26 : 4.08	3.21 : 4.25	3.58 : 4.08	3.55 : 4.03	3.25 : 3.76	
COP@H2 condition	W/W	3.00	3.11	2.88	2.56	2.68	
Total power input	kW	1.84 : 1.47	2.21 : 1.67	2.79 : 2.45	3.52 : 3.10	4.31 : 3.72	
TCSPF : HSPF	Residential	Hot Climate	3.98 : 3.95	3.96 : 4.05	4.64 : 3.95	4.60 : 3.93	4.27 : 3.79
		Average Climate	3.56 : 3.88	3.59 : 4.00	4.17 : 3.81	4.16 : 3.79	3.92 : 3.64
		Cold Climate	3.58 : 3.59	3.63 : 3.70	4.23 : 3.55	4.26 : 3.47	4.03 : 3.34
	Commercial	Hot Climate	4.25 : 3.83	4.22 : 3.91	4.99 : 3.90	4.96 : 3.84	4.56 : 3.70
		Average Climate	4.16 : 3.74	4.19 : 3.83	4.98 : 3.80	4.88 : 3.73	4.53 : 3.58
		Cold Climate	4.38 : 3.58	4.41 : 3.67	5.28 : 3.61	5.20 : 3.52	4.81 : 3.40
<b>Indoor Unit</b>							
Power source	Phase/Hz	1 Phase / 50Hz		3 Phase / 50Hz		1 Phase / 50Hz	
	V	230V   240V		230V   240V		230V   240V	
Dimensions	H x W x D	290 x 1,200 x 700		360 x 1,200 x 700		430 x 1,200 x 700	
Net weight	Indoor / Panel	31		37		41	
Air volume (H/M/L)	Cooling / Heating	367 / 334 / 367 : 367 / 334 / 367		668 / 584 / 484 : 668 / 584 / 484		835 / 748 / 601 : 835 / 748 / 601	
External static pressure	Pa	70 (10 - 150)		100 (10 - 150)		100 (10 - 150)	
Sound pressure level (H/M/L)	Cooling / Heating	43 / 41 / 40 : 43 / 41 / 40		48 / 46 / 44 : 48 / 46 / 44		49 / 47 / 45 : 49 / 47 / 45	
Sound power level (H/M/L)	Cooling / Heating	60 / 58 / 57 : 60 / 58 / 57		62 / 61 / 60 : 62 / 61 / 60		70 / 68 / 66 : 70 / 68 / 66	
Number of fan speeds		3		3		3	
Drain piping	mm	VP-25		VP-25		VP-25	
<b>Outdoor Unit</b>							
Power source	Phase/Hz	1 Phase / 50Hz		3 Phase / 50Hz		1 Phase / 50Hz	
	V	230V   240V		230V   240V		230V   240V	
Current (rated)	Cooling / Heating	8.50 : 6.85   8.15 : 6.60		13.9 : 12.4   13.4 : 11.9		17.0 : 15.0   16.3 : 14.4	
Dimensions	H x W x D	695 x 875 x 320		996 x 980 x 370		996 x 980 x 370	
Net weight		50		83		87	
Air volume	Cooling / Heating	741 : 701		1,219 : 1,219		1,369 : 1,336	
Sound pressure level (Silent mode)	Cooling / Heating	48 (46) : 49 (47)		52 (50) : 52 (50)		55 (53) : 55 (53)	
Sound power level (Silent mode)	Cooling / Heating	66 (64) : 67 (65)		70 (68) : 70 (68)		73 (71) : 73 (71)	
Piping connections	Liquid / Gas	Ø6.35 / Ø12.7**		Ø9.52 / Ø15.88		Ø9.52 / Ø15.88	
Pipe length range	min. - max.	3 - 40		5 - 50		5 - 50	
Elevation difference (OU located lower, OU located higher)	m	15, 30		15, 30		15, 30	
Maximum chargeless length	m	30		30		30	
Refrigerant at shipping, Additional gas amount	g	R32 1,130 / 15 (a/m)		R32 2,400 / 45 (a/m)		R32 2,800 / 45 (a/m)	
Operating range	Cooling / Heating	-10 to 46 : -15 to 24		-10 to 46 : -15 to 24		-10 to 46 : -15 to 24	

Notes:  
 • In the case of nanoe X OFF • In case it is necessary to indicate the air flow volume in [L/s], the value in [m³/min.] shall be multiplied by 16.7 and rounded down the decimal point.  
 • AER and ACP classification is at 230V(400V) only in accordance with GEMS2019. • TCSPF, HSPF and Total Energy consumption indicate the value of average temperature zone.  
 • Indoor and outdoor sound levels are determined in an anechoic chamber and may differ once the unit is installed due to ambient conditions  
 \*6 Not adjustable, refer to "Indoor Fan Performance" section of technical data.  
 \*7 For piping connection for 6.0kW unit, connect the gas socket tube (Ø12.7-Ø15.88) to the gas tubing side indoor unit and connect the liquid socket tube (Ø6.35-Ø9.52) to the liquid tubing side indoor unit.  
 \*8 For piping connection for 7.1kW unit, connect the liquid socket tube (Ø6.35-Ø9.52) to the liquid tubing side indoor unit.