

Panasonic

RESIDENTIAL PREMIUM INVERTER DUCTED AIR CONDITIONING

AIR IS LIFE

AIR IS COMFORT

AIR IS ENERGY

QUALITY AIR FOR LIFE

- 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 April 2019.
- Due to printing considerations, the actual colours may vary slightly from those shown.
- All graphics are provided merely for the purpose of illustrating a point.



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

19PAC0401Ducted

Authorised Dealer

Glow Heating Cooling Electrical

352 Morphett Road, Warradale
8397 6100
info@glowhce.com.au

www.glowhce.com.au



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



Panasonic
Air Conditioning

R32
REFRIGERANT

QUALITY AIR FOR LIFE

PANASONIC LEADS THE WAY

Ducted Air Conditioning Specialists

With more than 60 years of experience, exporting to more than 120 countries around the world, Panasonic is unquestionably one of the leaders in the global air conditioning sector. This notion also extends to the company's drive for innovation; filing more than 91 539 patents to improve its customers lives. In all, the company has produced more than 200 million compressors whilst its products, particularly residential air conditioners, have reinforced their position as No.1 in markets throughout a number of major countries across the globe, for example, Japan. Panasonic, bringing you quality air for life.



DUCTED AIR PROVIDES YEAR-ROUND COMFORT

At Panasonic, we offer a range of ducted air conditioning solutions for homes and medium-sized buildings such as apartments, offices and restaurants. Consisting of an outdoor unit and a concealed indoor unit, a ducted system delivers air through ducting pipes into each room via vents on the floor, wall or ceiling.

Discreet and flexible, our ducted systems have been designed with all stakeholders front of mind. Not only will a Panasonic ducted air conditioner bring an extra level of added value to your home in today's Australian property market, but you can also expect comfort and quality air for life.



NEW

OUTDOOR UNITS R32 DELUXE & COMPACT

R32
REFRIGERANT

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, permitting installation in even the tightest and demanding conditions.



SPLITTABLE DUCTED

Create comfort faster. With easy installation and powerful airflow.


























The newly designed splittable ducted can be split into three individual components, enhancing installation flexibility. The unit is perfect for installations where space or access is restricted.

* Splittable Model: S-180PE3R5B, S-200PE3R5B, S-224PE3R5B



PRODUCT LINE-UP

| Cooling Capacity | 6.0kW | 7.1kW | 10.0kW | 12.5kW | 14.0kW | 16.0kW | 18.0kW | 20.0kW | 22.4kW |
|---|---|--|--|--|--|---|---|---|--------|
| R32 REFRIGERANT R32 DELUXE MODEL |  S-71PE1R5B |  S-100PE1R5B |  S-125PE1R5B |  S-140PE1R5B |  S-160PE1R5B |  S-180PE3R5B |  S-200PE3R5B |  S-224PE3R5B | |
| |  U-71PZH2R5 |  U-100PZH2R5 U-100PZH2R8* |  U-125PZH2R5 U-125PZH2R8* |  U-140PZH2R5 U-140PZH2R8* |  U-160PZH2R5 U-160PZH2R8* |  U-180PZH2R8* |  U-200PZH2R8* |  U-224PZH2R8* | |
| R32 REFRIGERANT R32 COMPACT MODEL |  S-60PE1R5B |  S-71PE1R5B |  S-100PE1R5B |  S-125PE1R5B |  S-140PE1R5B | | | | |
| |  U-60PZ2R5 |  U-71PZ2R5 |  U-100PZ2R5 U-100PZ2R8* |  U-125PZ2R5 U-125PZ2R8* |  U-140PZ2R5 U-140PZ2R8* | | | | |

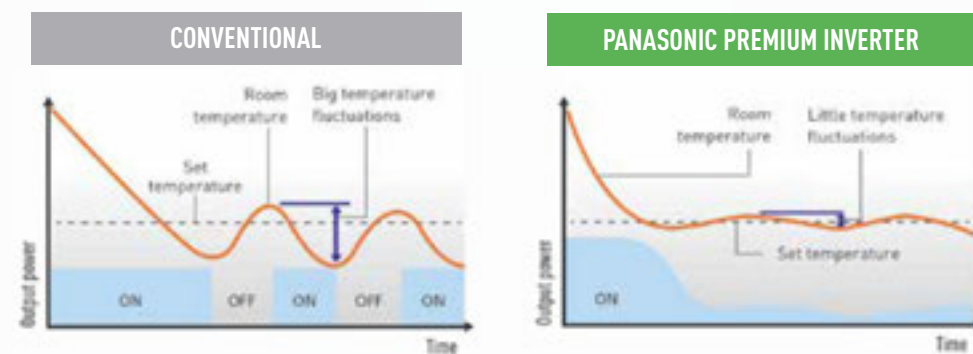
*3-Phase

PREMIUM INVERTER TECHNOLOGY

Panasonic Premium Inverter Ducted air conditioners are designed to give you exceptional energy saving performance while ensuring you stay comfortable at all times.

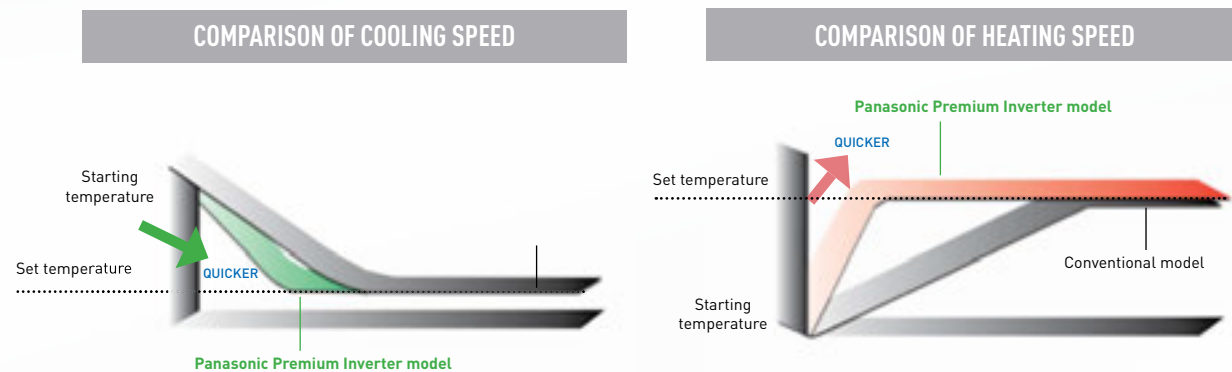
REDUCES ELECTRICITY CONSUMPTION

Unlike a conventional air conditioner which consumes a lot of energy, a Panasonic Premium Inverter Ducted air conditioner reduces wasteful operation, giving you energy savings and better performance.



QUICK COMFORT

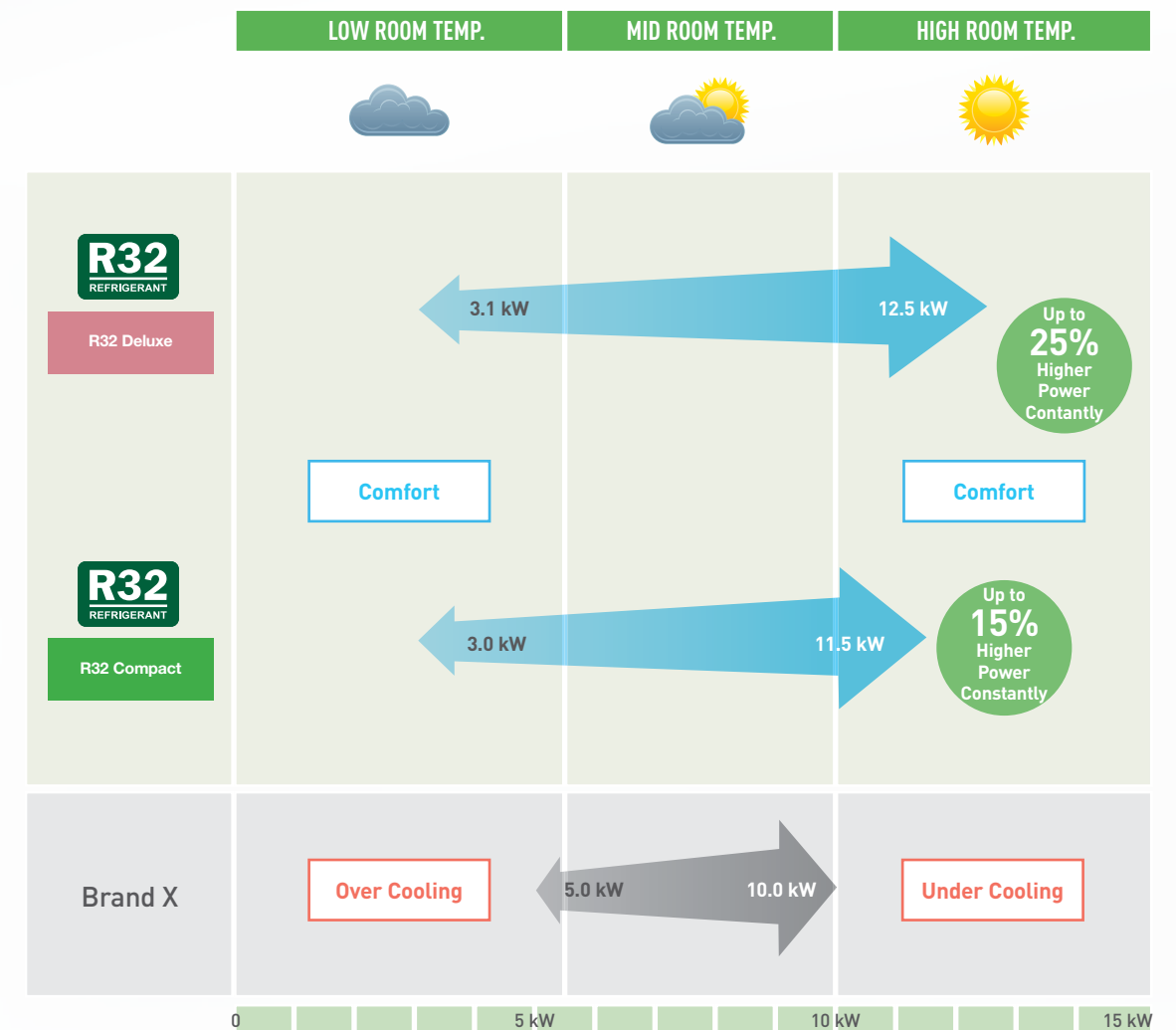
Panasonic Premium Inverter Ducted air conditioners can operate with higher power during the start-up period to cool and heat the room faster than conventional air conditioners.



INVERTER

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.



CONTROL SOLUTIONS

Easy-to-use, with multiple energy saving functions at your fingertips

DELUXE WIRED REMOTE CONTROLLER



CZ-RTC5B

LARGE 3.5" FULL-DOT LCD WITH WHITE LED BACKLIGHT

Characters and icons are clearly displayed for perfect visibility. With the white LED backlight, you can now change the temperature during the night without even turning on the light.



STYLISH, EASY-TO-USE TOUCH KEY DESIGN

The elegant, flat design features large touch keys in a simple layout enabling easy, intuitive operation.



PANASONIC COMFORT CLOUD



Network Adaptor
CZ-CAPWFC1



Comfort Cloud



REMOTELY MANAGE AND MONITOR MULTIPLE AIR CONDITIONING UNITS

Easily control and access all features of the air conditioning units with smart centralised control.

Also Applicable



INTUITIVE VOICE CONTROL FOR AIR CONDITIONERS

Give voice commands to control air conditioning units with smart speaker connectivity.*

* Time of release in Quarter Three 2019.
* CZ-CAPWFC1 Network Adaptor required per unit. Requires an Internet connection and the App downloaded from the App Store or GooglePlay Store on your smartphone or tablet with the latest Operating System available.
* To use Amazon Alexa to control your air conditioner, you will need an Amazon Echo device.
* To use Google Assistant to control your air conditioner, you will need a Google Assistant device.
Google is a trademark of Google LLC.
Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

PAC SMART CONNECTIVITY+



THE NEW FORM FOR CONTROL SOLUTIONS

In collaboration with Schneider Electric, the SE8000 series maintains high IAQ while saving you energy. Its sleekly designed touch panel display is easy to use.

PLUG & PLAY FOR HOME AUTOMATION

Easily connect with integrated controllers to become part of your automated home network.



PUSH™
www.pushcontrols.com



For further information, please check PUSH™ and CLIPSAL® website.

RELIABLE COMFORT COMES FROM RELIABLE TECHNOLOGY

DISCREET COMFORT

A Panasonic air conditioner should be the hard-working hero you never notice. From noise measurements, to environmental performance and even operating ease, we repeatedly test our models to make sure they keep your home comfortable without ever intruding on your life.



TESTED DURABILITY

We simulate continuous operation under the harshest of conditions, subject the outdoor units to wind and rain tests and then examine every mechanism to ensure we are delivering a rugged product you can depend on for many years.



SHOCK RESISTANCE

We love our air conditioners but that doesn't mean we go easy on them. We simulate impacts, vibrations, drops and stacking issues the units might face in transportation and storage, so we know they will be ready for action when they reach your home.



CLASS LEADING FEATURES

Control, comfort & reassurance

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.



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.



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 46°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.

* In case of R32 Deluxe Models



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.



SUPERIOR TECHNOLOGY MAKES SUPERIOR SYSTEMS

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



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 DELUXE MODEL

R32
REFRIGERANT



INDOOR UNIT

Hidden in your ceiling



7.1kW – 10.0kW

S-71PE1R5B / S-100PE1R5B

NEW



12.5kW – 16.0kW

S-125PE1R5B / S-140PE1R5B / S-160PE1R5B

NEW



18.0kW – 22.4kW

S-180PE3R5B / S-200PE3R5B / S-224PE3R5B

OUTDOOR UNIT

Sits outside your home

NEW



7.1kW

U-71PZH2R5

NEW



10.0kW – 14.0kW

U-100PZH2R5 / U-100PZH2R8* / U-125PZH2R5
U-125PZH2R8* / U-140PZH2R5 / U-140PZH2R8*

NEW



16.0kW – 22.4kW

U-160PZH2R5 / U-160PZH2R8*
U-180PZH2R8* / U-200PZH2R8*
U-224PZH2R8*

*3-Phase

*3-Phase

OPTIONAL CONTROLLER

Variety of options, easy to use



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.

NEW



CZ-RWS3 + CZ-RWRU3
Wireless Remote Controller

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



PAC/VRF Smart Connectivity
SER8150

The new form for control solutions that achieves high IAQ while saving energy.

NEW



CZ-CAPWFC1
Network Adaptor

Anywhere, anytime control and monitoring multiple air conditioning units.

| Capacity | | 7.1kW | 10.0kW | | 12.5kW | | 14.0kW | | 16.0kW | | 18.0kW | | 20.0kW | | 22.4kW |
|--|-------------------|--|--|--|--|--|--|--|--|--|--|--|--|---------------------------|--------|
| Model Name | Indoor Unit | S-71PE1R5B | S-100PE1R5B | S-100PE1R5B | S-125PE1R5B | S-125PE1R5B | S-140PE1R5B | S-140PE1R5B | S-160PE1R5B | S-160PE1R5B | S-180PE3R5B | S-200PE3R5B | S-224PE3R5B | | |
| | Outdoor Unit | U-71PZH2R5 | U-100PZH2R5 | U-100PZH2R8 | U-125PZH2R5 | U-125PZH2R8 | U-140PZH2R5 | U-140PZH2R8 | U-160PZH2R5 | U-160PZH2R8 | U-180PZH2R8 | U-200PZH2R8 | U-224PZH2R8 | | |
| Cooling capacity : Heating capacity | kW | 7.1 (2.2 - 9.0) 8.0 (2.0 - 9.0) | 10.0 (3.1 - 12.5) 11.2 (3.1 - 14.0) | 10.0 (3.1 - 12.5) 11.2 (3.1 - 14.0) | 12.5 (3.2 - 14.0) 14.0 (3.2 - 16.0) | 12.5 (3.2 - 14.0) 14.0 (3.2 - 16.0) | 14.0 (3.3 - 16.0) 16.0 (3.3 - 18.0) | 14.0 (3.3 - 16.0) 16.0 (3.3 - 18.0) | 16.0 (5.5 - 18.0) 18.0 (5.5 - 20.0) | 16.0 (5.5 - 18.0) 18.0 (5.5 - 20.0) | 18.0 (5.5-20.0) 20.0 (5.5-22.4) | 20.0 (5.7-22.4) 22.4 (5.7-25.0) | 22.4 (5.7-25.0) 25.0 (4.9-28.0) | | |
| | BTU/h | 24,200 (7,500 - 30,700) 27,300 (6,800 - 30,700) | 34,100 (10,600 - 42,700) 38,200 (10,600 - 47,800) | 34,100 (10,600 - 42,700) 38,200 (10,600 - 47,800) | 42,700 (10,900 - 47,800) 47,800 (10,900 - 54,600) | 42,700 (10,900 - 47,800) 47,800 (10,900 - 54,600) | 47,800 (11,300 - 54,600) 54,600 (11,300 - 61,400) | 47,800 (11,300 - 54,600) 54,600 (11,300 - 61,400) | 54,600 (18,800 - 61,400) 61,400 (18,800 - 68,200) | 54,600 (18,800 - 61,400) 61,400 (18,800 - 68,200) | 61,400 (18,800-68,200) 68,200 (18,800-76,400) | 68,200 (19,400-76,400) 76,400 (19,400-85,300) | 76,400 (19,400-85,300) 85,300 (16,700-95,500) | | |
| EER : COP | W/W | 3.38 : 3.83 | 3.64 : 3.65 | 3.64 : 3.65 | 3.42 : 3.71 | 3.42 : 3.71 | 3.18 : 3.64 | 3.18 : 3.64 | 3.26 : 3.50 | 3.26 : 3.50 | 3.20 : 3.75 | 3.33 : 3.67 | 3.09 : 3.52 | | |
| Total power input | Cooling : Heating | kW | 2.10 : 2.09 | 2.75 : 3.07 | 2.75 : 3.07 | 3.65 : 3.77 | 3.65 : 3.77 | 4.40 : 4.40 | 4.40 : 4.40 | 4.91 : 5.15 | 4.91 : 5.05 | 5.63 : 5.33 | 6.00 : 6.10 | 7.24 : 7.10 | |
| Indoor Unit | | | | | | | | | | | | | | | |
| Power source | Phase/Hz | 1 Phase/ 50Hz | 1 Phase/ 50Hz | 1 Phase/ 50Hz | 1 Phase/ 50Hz | 1 Phase/ 50Hz | 1 Phase/ 50Hz | 1 Phase/ 50Hz | 1 Phase/ 50Hz | 1 Phase/ 50Hz | 1 Phase/ 50Hz | 1 Phase/ 50Hz | 1 Phase/ 50Hz | 1 Phase/ 50Hz | |
| | V | 230V 240V | 230V 240V | 230V 240V | 230V 240V | 230V 240V | 230V 240V | 230V 240V | 230V 240V | 230V 240V | 230V 240V | 230V 240V | 230V 240V | 230V 240V | |
| Current | Cooling : Heating | A | 1.24 : 1.24 1.25 : 1.25 | 1.72 : 1.72 1.74 : 1.74 | 1.72 : 1.72 1.74 : 1.74 | 1.82 : 1.82 1.84 : 1.84 | 1.82 : 1.82 1.84 : 1.84 | 2.62 : 2.62 2.70 : 2.70 | 2.62 : 2.62 2.70 : 2.70 | 2.62 : 2.62 2.70 : 2.70 | 3.10 : 3.10 3.00 : 3.00 | 3.30 : 3.30 3.20 : 3.20 | 4.20 : 4.20 4.10 : 4.10 | | |
| Dimensions | H × W × D | mm | 360×1,100 (+100)×700 | 360×1,100 (+100)×700 | 360×1,100 (+100)×700 | 430×1,100 (+100)×700 | 430×1,100 (+100)×700 | 430×1,100 (+100)×700 | 430×1,100 (+100)×700 | 430×1,100 (+100)×700 | 486×1,456×916 | 486×1,456×916 | 486×1,456×916 | | |
| Net weight | | kg | 42 | 44 | 44 | 48 | 48 | 53 | 53 | 53 | 85 | 86 | 88 | | |
| Air volume | Cooling : Heating | L/s | 500 : 500 | 666 : 666 | 666 : 666 | 833 : 833 | 833 : 833 | 1,000 : 1,000 | 1,000 : 1,000 | 1,000 : 1,000 | 1,200 / 1,050 / 883 : 1,200 / 1,050 / 883 | 1,200 / 1,050 / 883 : 1,200 / 1,050 / 883 | 1,400 / 1,200 / 983 : 1,400 / 1,200 / 983 | | |
| External static pressure | | Pa | 100 (Max.150) | 100 (Max.150) | 100 (Max.150) | 100 (Max.150) | 100 (Max.150) | 100 (Max.150) | 100 (Max.150) | 100 (Max.150) | 60 (Max.150) | 60 (Max.180) | 75 (Max.200) | | |
| Sound pressure level (H/M/L) | Cooling : Heating | dB(A) | 45 / 44 / 43 : 45 / 44 / 43 | 48 / 46 / 44 : 48 / 46 / 44 | 48 / 46 / 44 : 48 / 46 / 44 | 49 / 47 / 45 : 49 / 47 / 45 | 49 / 47 / 45 : 49 / 47 / 45 | 51 / 49 / 47 : 51 / 49 / 47 | 51 / 49 / 47 : 51 / 49 / 47 | 51 / 49 / 47 : 51 / 49 / 47 | 46 / 44 / 41 : 46 / 44 / 41 | 46 / 44 / 41 : 46 / 44 / 41 | 47 / 45 / 42 : 47 / 45 / 42 | | |
| Sound power level (H/M/L) | Cooling : Heating | dB(A) | 62 / 61 / 60 : 62 / 61 / 60 | 70 / 68 / 66 : 70 / 68 / 66 | 70 / 68 / 66 : 70 / 68 / 66 | 71 / 69 / 67 : 71 / 69 / 67 | 71 / 69 / 67 : 71 / 69 / 67 | 73 / 71 / 69 : 73 / 71 / 69 | 73 / 71 / 69 : 73 / 71 / 69 | 73 / 71 / 69 : 73 / 71 / 69 | 78 / 76 / 73 : 78 / 76 / 73 | 78 / 76 / 73 : 78 / 76 / 73 | 79 / 77 / 74 : 79 / 77 / 74 | | |
| Number of fan speeds | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| Drain pipe size | | mm | VP-25 | VP-25 | VP-25 | VP-25 | VP-25 | VP-25 | VP-25 | VP-25 | VP-25 | VP-25 | VP-25 | | |
| Outdoor Unit | | | | | | | | | | | | | | | |
| Power source | Phase/Hz | 1 Phase/ 50Hz | 1 Phase/ 50Hz | 3 Phase/ 50Hz | 1 Phase/ 50Hz | 3 Phase/ 50Hz | 1 Phase/ 50Hz | 3 Phase/ 50Hz | 1 Phase/ 50Hz | 3 Phase/ 50Hz | 3 Phase/ 50Hz | 3 Phase/ 50Hz | 3 Phase/ 50Hz | 3 Phase/ 50Hz | |
| | V | 230V 240V | 230V 240V | 400V 415V | 230V 240V | 400V 415V | 230V 240V | 400V 415V | 230V 240V | 400V 415V | 400V 415V | 400V 415V | 400V 415V | | |
| Current | Cooling : Heating | A | 8.45 : 8.20 8.00 : 7.90 | 10.8 : 12.2 10.20 : 11.6 | 3.80 : 4.10 3.45 : 3.95 | 14.8 : 15.4 14.1 : 14.6 | 5.00 : 5.15 4.75 : 4.95 | 17.4 : 17.4 16.5 : 16.5 | 5.85 : 5.85 5.55 : 5.55 | 20.0 : 21.1 18.9 : 20.0 | 6.95 : 7.15 6.40 : 6.80 | 8.00 : 7.55 7.70 : 7.25 | 8.45 : 8.60 8.15 : 8.30 | 9.95 : 9.75 9.40 : 9.40 | |
| Dimensions | H × W × D | mm | 996 × 940 × 340 | 1,416 × 940 × 340 | 1,416 × 940 × 340 | 1,416 × 940 × 340 | 1,416 × 940 × 340 | 1,416 × 940 × 340 | 1,416 × 940 × 340 | 1,500 × 980 × 370 | 1,500 × 980 × 370 | 1,500 × 980 × 370 | 1,500 × 980 × 370 | 1,500 × 980 × 370 | |
| Net weight | | kg | 68 | 99 | 99 | 99 | 99 | 99 | 117 | 115 | 115 | 128 | 128 | | |
| Air volume | Cooling : Heating | L/s | 1,017 : 1,000 | 1,967 : 1,800 | 1,967 : 1,800 | 2,083 : 1,867 | 2,083 : 1,867 | 2,150 : 1,933 | 2,150 : 1,933 | 2,733 | 2,733 : 2,733 | 2,667 : 2,667 | 2,667 : 2,667 | | |
| Sound pressure level (Silent mode) | Cooling : Heating | dB(A) | 48 (46) : 50 (48) | 52 (50) : 52 (50) | 52 (50) : 52 (50) | 53 (51) : 53 (51) | 53 (51) : 53 (51) | 54 (52) : 54 (52) | 54 (52) : 54 (52) | 58 (56) : 60 (58) | 58 (56) : 60 (58) | 58 (56) : 62 (60) | 58 (56) : 62 (60) | | |
| Sound power level (Silent mode) | Cooling : Heating | dB(A) | 64 (62) : 66 (64) | 68 (66) : 68 (66) | 68 (66) : 68 (66) | 69 (67) : 69 (67) | 69 (67) : 69 (67) | 70 (68) : 70 (68) | 70 (68) : 70 (68) | 76 (74) : 78 (76) | 76 (74) : 78 (76) | 77 (75) : 81 (79) | 77 (75) : 81 (79) | | |
| Piping connections | Liquid / Gas | mm | Ø9.52 / Ø15.88 | Ø9.52 / Ø15.88 | Ø9.52 / Ø15.88 | Ø9.52 / Ø15.88 | Ø9.52 / Ø15.88 | Ø9.52 / Ø15.88 | Ø9.52 / Ø19.05 | Ø9.52 / Ø19.05 | Ø9.52 / Ø19.05* | Ø12.70 / Ø19.05* | Ø12.70 / Ø19.05* | | |
| Pipe length | min. - max. | m | 5 - 50 | 5 - 85 | 5 - 85 | 5 - 85 | 5 - 85 | 5 - 85 | 5 - 75 | 5 - 75 | 5 - 75 | 5 - 60 | 5 - 60 | | |
| Elevation difference (OU located lower, OU located higher) | | m | 15, 30 | 15, 30 | 15, 30 | 15, 30 | 15, 30 | 15, 30 | 30, 30 | 30, 30 | 30, 30 | 30, 30 | 30, 30 | | |
| Maximum chargeless length | | m | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | |
| Refrigerant at shipping / Additional gas amount | | g | R32 1,950 / 45 (g/m) | R32 3,050 / 45 (g/m) | R32 3,050 / 45 (g/m) | R32 3,050 / 45 (g/m) | R32 3,050 / 45 (g/m) | R32 3,050 / 45 (g/m) | R32 3,200 / 45 (g/m) | R32 3,200 / 45 (g/m) | R32 3,400 / 45/60** (g/m) | R32 5,200 / 80 (g/m) | R32 5,200 / 80 (g/m) | | |
| Operation ranges | Cooling : Heating | °C | -15 to 46 : -20 to 24 | -15 to 46 : -20 to 24 | -15 to 46 : -20 to 24 | -15 to 46 : -20 to 24 | -15 to 46 : -20 to 24 | -15 to 46 : -20 to 24 | -15 to 46 : -20 to 24 | -15 to 46 : -20 to 24 | -15 to 46 : -20 to 24 | -15 to 46 : -20 to 24 | -15 to 46 : -20 to 24 | | |

Notes:
The Rated Capacity, Power Input and Running Current are measured in accordance with AS/NZS 3823
• Cooling: Indoor temperature: 27°C DB/ 19°C WB, Outdoor temperature: 35°C DB/ 24°C WB
• Heating: Indoor temperature: 20°C DB/ 15°C WB, Outdoor temperature: 7°C DB/ 6°C WB

**Tubing size may differ depending on pipe length. Please refer to technical documents.
**Additional gas amount is 45g/m when the piping length is under 50m and 60g/m when the piping length is over 50m.

SPECIFICATIONS

R32 COMPACT MODEL

R32
REFRIGERANT



INDOOR UNIT

Hidden in your ceiling



6.0kW – 10.0kW

S-60PE1R5B / S-71PE1R5B / S-100PE1R5B



12.5kW – 14.0kW

S-125PE1R5B / S-140PE1R5B

OUTDOOR UNIT

Sits outside your home



6.0kW – 7.1kW

U-60PZ2R5 / U-71PZ2R5



10.0kW – 14.0kW

U-100PZ2R5 / U-125PZ2R5 / U-140PZ2R5
U-100PZ2R8* / U-125PZ2R8* / U-140PZ2R8*

*3-Phase

OPTIONAL CONTROLLER

Variety of options, easy to use



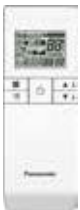
CZ-RTC5B
Deluxe Wired Remote Controller

This optional backlit LED large display 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.



NEW

CZ-RWS3 + CZ-RWRU3
Wireless Remote Controller

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



PAC/VRF Smart Connectivity
SER8150

The new form for control solutions that achieves high IAQ while saving energy.



NEW

CZ-CAPWFC1
Network Adaptor

Anywhere, anytime control and monitoring multiple air conditioning units.

| Capacity | | 6.0kW | 7.1kW | 10.0kW | 12.5kW | 14.0kW | | | |
|--|----------------------------|------------------------------------|--|--|--|--|--|--|--|
| Model Name | Indoor Unit | S-60PE1R5B | S-71PE1R5B | S-100PE1R5B | S-100PE1R5B | S-125PE1R5B | S-125PE1R5B | S-140PE1R5B | S-140PE1R5B |
| | Outdoor Unit | U-60PZ2R5 | U-71PZ2R5 | U-100PZ2R5 | U-100PZ2R8 | U-125PZ2R5 | U-125PZ2R8 | U-140PZ2R5 | U-140PZ2R8 |
| Cooling capacity : Heating capacity | kW | 6.0 (2.0 - 7.1) 6.0 (1.8 - 7.6) | 7.1 (2.0 - 8.0) 7.1 (1.8 - 8.6) | 10.0 (3.0 - 11.5) 10.0 (3.0 - 14.0) | 10.0 (3.0 - 11.5) 10.0 (3.0 - 14.0) | 12.5 (3.2 - 13.5) 12.5 (3.3 - 15.0) | 12.5 (3.2 - 13.5) 12.5 (3.3 - 15.0) | 14.0 (3.3 - 15.0) 14.0 (3.4 - 16.0) | 14.0 (3.3 - 15.0) 14.0 (3.4 - 16.0) |
| | | BTU/h | 20,500 (6,800 - 24,200) 20,500 (6,100 - 25,900) | 24,200 (6,800 - 27,300) 24,200 (6,100 - 29,300) | 34,100 (10,200 - 39,200) 34,100 (10,200 - 47,800) | 34,100 (10,200 - 39,200) 34,100 (10,200 - 47,800) | 42,700 (10,900 - 46,100) 42,700 (11,300 - 51,200) | 42,700 (10,900 - 46,100) 42,700 (11,300 - 51,200) | 47,800 (11,300 - 51,200) 47,800 (11,600 - 54,600) |
| EER : COP | W/W | 3.23 : 3.92 3.23 : 3.92 | 3.18 : 4.06 3.18 : 4.06 | 3.33 : 3.89 3.44 : 3.89 | 3.33 : 3.89 3.44 : 3.89 | 3.30 : 4.00 3.30 : 4.00 | 3.30 : 4.00 3.30 : 4.00 | 3.15 : 3.66 3.15 : 3.66 | 3.15 : 3.66 3.15 : 3.66 |
| Total power input | Cooling : Heating kW | 1.86 : 1.53 | 2.23 : 1.75 | 3.00 : 2.57 | 3.00 : 2.57 | 3.79 : 3.125 | 3.79 : 3.125 | 4.44 : 3.825 | 4.44 : 3.825 |
| Indoor Unit | | | | | | | | | |
| Power source | Phase/Hz | 1 Phase/ 50Hz | 1 Phase/ 50Hz | 1 Phase/ 50Hz | 1 Phase/ 50Hz | 1 Phase/ 50Hz | 1 Phase/ 50Hz | 1 Phase/ 50Hz | 1 Phase/ 50Hz |
| | V | 230V 240V | 230V 240V | 230V 240V | 230V 240V | 230V 240V | 230V 240V | 230V 240V | 230V 240V |
| Current | Cooling : Heating A | 0.85 : 0.85 0.86 : 0.86 | 1.24 : 1.24 1.25 : 1.25 | 1.72 : 1.72 1.74 : 1.74 | 1.72 : 1.72 1.74 : 1.74 | 1.82 : 1.82 1.84 : 1.84 | 1.82 : 1.82 1.84 : 1.84 | 2.62 : 2.62 2.70 : 2.70 | 2.62 : 2.62 2.70 : 2.70 |
| Dimensions | H × W × D | mm | 290×1,100 (+100)×700 | 360×1,100 (+100)×700 | 360×1,100(+100)×700 | 430×1,100(+100)×700 | 430×1,100(+100)×700 | 430×1,100(+100)×700 | 430×1,100(+100)×700 |
| Net weight | | kg | 35 | 42 | 44 | 44 | 48 | 53 | 53 |
| Air volume | Cooling : Heating L/s | 366 : 366 | 500 : 500 | 666 : 666 | 666 : 666 | 833 : 833 | 833 : 833 | 1,000 : 1,000 | 1,000 : 1,000 |
| External static pressure | | Pa | 70 (10 - 100) | 100 (10 - 150) | 100 (10 - 150) | 100 (10 - 150) | 100 (10 - 150) | 100 (10 - 150) | 100 (10 - 150) |
| Sound pressure level (H/M/L) | Cooling : Heating dB(A) | 43 / 41 / 40 : 43 / 41 / 40 | 45 / 44 / 43 : 45 / 44 / 43 | 48 / 46 / 44 : 48 / 46 / 44 | 48 / 46 / 44 : 48 / 46 / 44 | 49 / 47 / 45 : 49 / 47 / 45 | 49 / 47 / 45 : 49 / 47 / 45 | 51 / 49 / 47 : 51 / 49 / 47 | 51 / 49 / 47 : 51 / 49 / 47 |
| Sound power level (H/M/L) | Cooling : Heating dB(A) | 60 / 58 / 57 : 60 / 58 / 57 | 62 / 61 / 60 : 62 / 61 / 60 | 70 / 68 / 66 : 70 / 68 / 66 | 70 / 68 / 66 : 70 / 68 / 66 | 71 / 69 / 67 : 71 / 69 / 67 | 71 / 69 / 67 : 71 / 69 / 67 | 73 / 71 / 69 : 73 / 71 / 69 | 73 / 71 / 69 : 73 / 71 / 69 |
| Number of fan speeds | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Drain pipe size | | mm | VP-25 | VP-25 | VP-25 | VP-25 | VP-25 | VP-25 | VP-25 |
| Outdoor Unit | | | | | | | | | |
| Power source | Phase/Hz | 1 Phase/ 50Hz | 1 Phase/ 50Hz | 1 Phase/ 50Hz | 3 Phase/ 50Hz | 1 Phase/ 50Hz | 3 Phase/ 50Hz | 1 Phase/ 50Hz | 3 Phase/ 50Hz |
| | V | 230V 240V | 230V 240V | 230V 240V | 400V 415V | 230V 240V | 400V 415V | 230V 240V | 400V 415V |
| Current | Cooling : Heating A | 8.05 : 6.45 7.70 : 6.15 | 9.35 : 7.15 8.90 : 6.75 | 11.5 : 9.95 11.0 : 9.50 | 3.90 : 3.40 3.75 : 3.24 | 15.6 : 12.6 14.9 : 12.0 | 5.20 : 4.15 4.95 : 4.00 | 18.2 : 15.0 17.2 : 14.1 | 6.05 : 4.95 5.75 : 4.70 |
| Dimensions | H × W × D | mm | 695 x 875 x 320 | 695 x 875 x 320 | 996 x 980 x 370 | 996 x 980 x 370 | 996 x 980 x 370 | 996 x 980 x 370 | 996 x 980 x 370 |
| Net weight | | kg | 44 | 44 | 90 | 90 | 94 | 94 | 94 |
| Air volume | Cooling : Heating L/s | 750 : 750 | 867 : 750 | 1,285 : 1,169 | 1,285 : 1,169 | 1,436 : 1,302 | 1,436 : 1,302 | 1,486 : 1,386 | 1,486 : 1,386 |
| Sound pressure level (Silent mode) | Cooling : Heating dB(A) | 46 (44) : 48 (46) | 49 (47) : 49 (47) | 52 (50) : 52 (50) | 52 (50) : 52 (50) | 55 (53) : 55 (53) | 55 (53) : 55 (53) | 56 (54) : 56 (54) | 56 (54) : 56 (54) |
| Sound power level (Silent mode) | Cooling : Heating dB(A) | 65 (63) : 66 (64) | 67 (65) : 67 (65) | 68 (66) : 67 (65) | 68 (66) : 67 (65) | 70 (68) : 70 (68) | 70 (68) : 70 (68) | 71 (69) : 71 (69) | 71 (69) : 71 (69) |
| Piping connections | Liquid / Gas | mm | Ø9.52 / Ø15.88 | Ø9.52 / Ø15.88 | Ø9.52 / Ø15.88 | Ø9.52 / Ø15.88 | Ø9.52 / Ø15.88 | Ø9.52 / Ø15.88 | Ø9.52 / Ø15.88 |
| Pipe length | min. - max. | m | 3 - 40 | 3 - 40 | 5 - 50 | 5 - 50 | 5 - 50 | 5 - 50 | 5 - 50 |
| Elevation difference (OU located lower, OU located higher) | | m | 15, 30 | 15, 30 | 15, 30 | 15, 30 | 15, 30 | 15, 30 | 15, 30 |
| Maximum chargeless length | | m | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| Refrigerant at shipping, Additional gas amount | | g | R32, 1,450 / 35 (g/m) | R32, 1,450 / 35 (g/m) | R32, 2,600 / 45 (g/m) | R32, 2,600 / 45 (g/m) | R32, 2,980 / 45 (g/m) | R32, 2,980 / 45 (g/m) | R32, 2,980 / 45 (g/m) |
| Operation ranges | Cooling : Heating °C | -10 to 43 : -15 to 24 | -10 to 43 : -15 to 24 | -10 to 43 : -15 to 24 | -10 to 43 : -15 to 24 | -10 to 43 : -15 to 24 | -10 to 43 : -15 to 24 | -10 to 43 : -15 to 24 | -10 to 43 : -15 to 24 |

Notes:

The Rated Capacity, Power Input and Running Current are measured in accordance with AS/NZS 3823

- Cooling: Indoor temperature: 27°C DB/ 19°C WB, Outdoor temperature: 35°C DB/ 24°C WB
- Heating: Indoor temperature: 20°C DB/ 15°C WB, Outdoor temperature: 7°C DB/ 6°C WB

*Tubing size may differ depending on pipe length. Please refer to technical documents.