# Panasonic

# AIR CONDITIONING
## R32 MULTI SPLIT SYSTEM
COOLING │ HEATING │ AIR PURIFICATION

**R32** REFRIGERANT

nanoeX

SENSITIVE CHOICE

## WLAN or Voice Control Ready

Remotely manage and monitor multiple air conditioning units or give voice commands to control air conditioning units with smart devices.

Google is a trademark of Google LLC.
Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

Voice Control
• Network Adaptor required per indoor unit except Wall Mounted Z Series which has WLAN Adaptor built-in. 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 the Amazon Alexa to control your air conditioner, you will need a compatible Amazon Echo device.
• To use the Google Assistant to control your air conditioner, you will need a compatible Google Assistant device.

## Latest Refrigerant

One of Panasonic's principles has always been to sustain the environment around us. Therefore, we use the more ozone friendly refrigerant R32 for this new product. It is especially suitable for use in air conditioning and results in better energy efficiency.

## Energy Saving Technology

Panasonic combines Inverter Technology and Economy Mode* to create a powerhouse energy saving product. These clever technologies benefit both the environment and your power bill, so your green intentions don't have to prevent you from living a comfortable life.

*Wall-mounted type only.

## Clean and Healthy Air

The Panasonic nanoe™ X utilises next gen technology to inhibit the growth of bacteria, mould and viruses, and ensures quality air, for life.

Note: Selected types only - please refer to Page 7 for details.
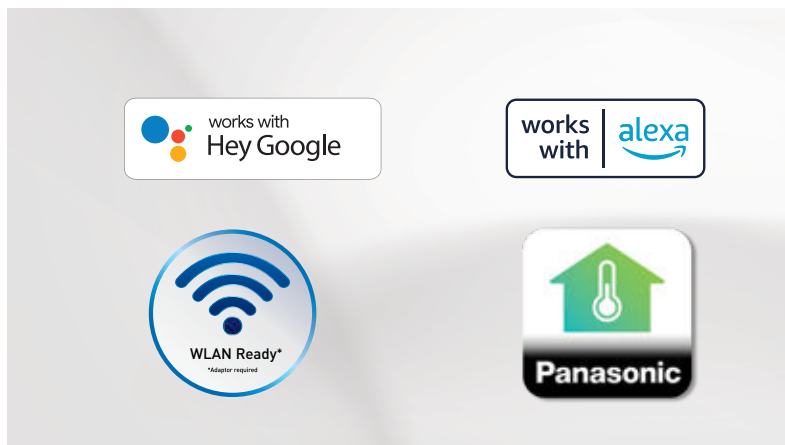
## Quiet Operation

Panasonic 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.

## Aussie Temperatures

+46ºC OUTSIDE TEMPERATURE
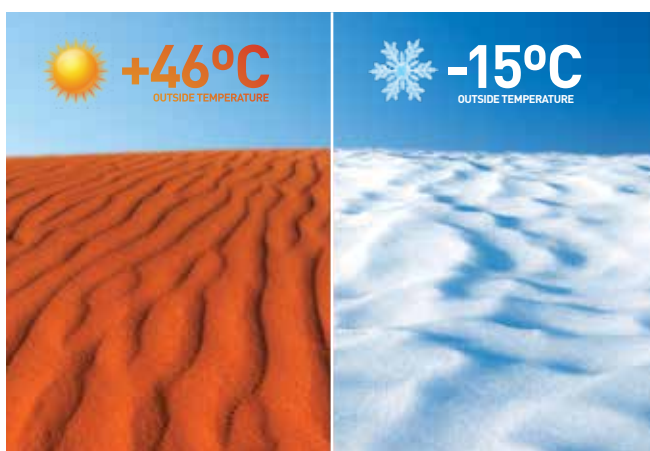
-15ºC OUTSIDE TEMPERATURE

Our air conditioning systems boast an outstanding operating temperature range. Cooling operation is possible even when it is a scorching +46ºC outside, which is perfect for Australia's hot summer days. The heating operation is designed to operate even when it's a freezing -15ºC outside, ensuring even the coldest parts of Australia are comfortable.
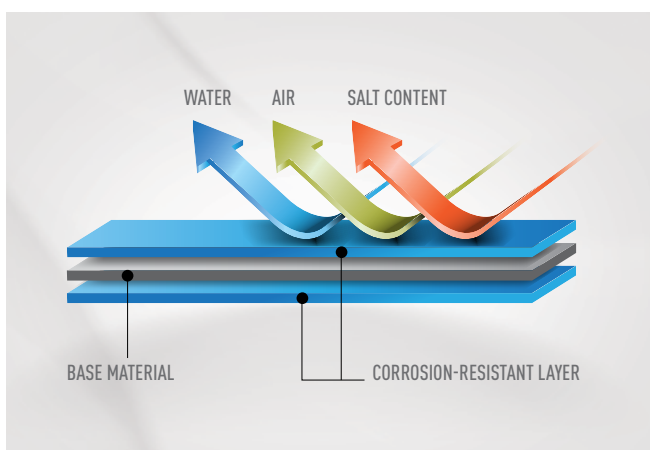
## Built Tough - Blue Fin Condenser

WATER   AIR   SALT CONTENT

BASE MATERIAL          CORROSION-RESISTANT LAYER

Panasonic outdoor units are built to last in the harsh Australian environment. To ensure you will enjoy many years of reliable comfort from your air conditioner, the condenser fins are coated with a special blue coating that protects the unit from the damaging effects of salty air, dust, wind and rain.

## Count on Panasonic

FULL 5-YEAR PARTS AND LABOUR WARRANTY

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.

## PANASONIC'S ADVANCED
## 24 HOUR nanoe™X AIR PURIFICATION SYSTEM*

Panasonic's nanoe™X Technology is a revolutionary air purification system that keeps your living space fresh and clean for you and your family.

**nanoe™X**

### SENSITIVE CHOICE

Sensitive Choice is a community service program that aims to educate people about the importance of managing their asthma and allergies. Developed by the National Asthma Council Australia in 2006, the program also encourages companies to produce products and services that are more asthma and allergy aware.

Panasonic and Sensitive Choice have partnered to introduce nanoe™ X to the Australian market. Purifying your air 24 hours, the nanoe™X feature can function independently or concurrently with your air conditioner. This market leading Air Sterilisation technology works towards the inhibition of bacteria, viruses, allergens, pollens and mould within your indoor environment, whilst deodorising, keeping your home or office fresh and clean. Panasonic & Sensitive Choice are committed to bringing you Quality Air, for Life.
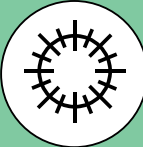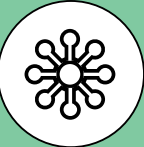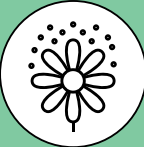
* The nanoe™X mode can be run independently from cooling or heating mode, and needs to be on for the 24 hour air purification to function.

scan to
see how
nanoe™X
works



## THE SEVEN EFFECTS OF nanoe™X

nanoe™X technology effectively inhibits 5 types of pollutants and deodorises and moisturisers with the benefits of hydroxyl radicals encapsulated in water.

| DEODORISES | INHIBITS 5 TYPES OF POLLUTANTS | | | | | MOISTURISES |
|---|---|---|---|---|---|---|
| Odours | Bacteria & Viruses | Mould | Allergens | Pollen | Hazardous Substances | Skin & Hair |

nanoe™X  available on selected models only – please see page 7 for details.

## Compact and lightweight design to fit every building type

The multi-split system offers greater installation versatility and space-saving choices for houses with limited free space.

# Multi-Split Air Conditioning System

Panasonic's multi-split air conditioning systems are designed to provide more space saving installation for outdoor units. A neater alternative to preserve the exterior appearance of buildings such as townhouses, single and multi-storey residences.

## Space-Saving

Space-saving installation with less outdoor units required

### Single-Split

### Multi-Split

Reduce outdoor units

1 outdoor unit connect to 1 indoor unit

1 outdoor unit connects up to 5 indoor units

• As 1 outdoor unit is able to connect up to 5 indoor units, this provides flexible customisation according to the layout of your house.

## Independent Operation Control

Outdoor unit connects to each indoor unit independently

• Able to adjust the operation settings for each indoor unit separately. If one indoor unit malfunctions, other indoor units can continue to operate by provide cooling comfort to the rooms.

## Flexible Installation

The multi-split system accommodates long pipelines up to 80 metres

❶ Maximum height up to 15 metres* for indoor and outdoor unit.

❷ Piping can be extended up to 80 metres*.

* Applicable to CU-5Z100VBR
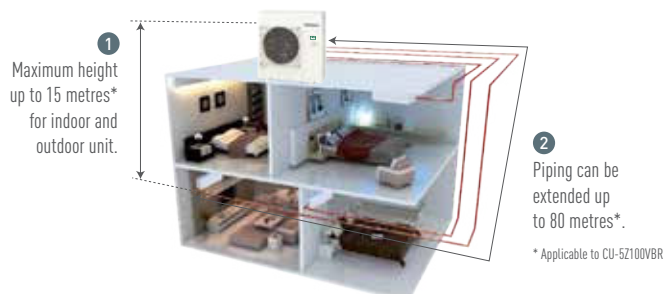
• Flexible arrangement and installation of indoor and outdoor units based on the room condition, location and installation convenience of the site.

## WALL-MOUNTED – Z SERIES with nanoe™X and Built-in Wi-Fi

Wireless Remote Controller Included

CZ-RD514C Wired Remote Controller (Optional)

| Model No | CS-Z25XKRW | CS-Z35XKRW | CS-Z42XKRW | CS-Z50XKRW |
|---|---|---|---|---|
| Capacity | 2.5kW | 3.5kW | 4.2kW[*1] | 5.0kW[*1] |

| Model No | CS-Z60XKRW | CS-Z71XKRW |
|---|---|---|
| Capacity | 6.0kW[*2] | 7.1kW[*2*3] |

## WALL-MOUNTED – RZ SERIES

Wireless Remote Controller Included

CZ-RD514C Wired Remote Controller (Optional)

CZ-TACG1 Network Adaptor[*5] (Optional)

| Model No | CS-MRZ20WKR | CS-RZ25XKRW | CS-RZ35XKRW | CS-RZ42XKRW |
|---|---|---|---|---|
| Capacity | 2.0kW | 2.5kW | 3.5kW | 4.2kW[*1] |

| Model No | CS-RZ50XKRW | CS-RZ60XKRW | CS-RZ71XKRW |
|---|---|---|---|
| Capacity | 5.0kW[*1] | 6.0kW[*2] | 7.1kW[*2*3] |

## ULTRA SLIM DUCTED

Wired Remote Controller Included

CZ-TACG1 Network Adaptor[*5] (Optional)

| Model No | CS-Z25UD3RAW | CS-Z35UD3RAW | CS-Z50UD3RAW | CS-Z60UD3RAW |
|---|---|---|---|---|
| Capacity | 2.5kW | 3.5kW | 5.0kW[*1] | 6.0kW[*2] |

## MINI CASSETTE with nanoe™X

Panel CZ-KPY4

CZ-RWS3 + CZ-RWRY3 Wireless Remote Controller (Optional)

CZ-RTC5B Wired Remote Controller (Optional)

CZ-RTC4 Wired Remote Controller (Optional)

CZ-RTC6BL/ CZ-RTC6BLW CONEX Wired Remote Controller (Optional)

CZ-CAPWFC1 Network Adaptor[*5] (Optional)

CZ-CENSC1 ECONAVI Sensor Ready (Optional)

| Model No | S-25PY3E | S-36PY3E | S-50PY3E | S-60PY3E |
|---|---|---|---|---|
| Capacity | 2.5kW[*1] | 3.5kW[*1] | 5.0kW[*1] | 6.0kW[*2] |

## MINI CASSETTE
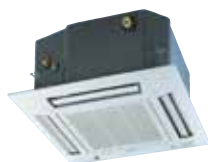
Panel CZ-BT30EW

Wireless Remote Controller Included

CZ-RD52CP Wired Remote Controller (Optional)

CZ-TACG1 Network Adaptor[*5] (Optional)

| Model No | CS-Z25UB4RAW | CS-Z35UB4RAW | CS-Z50UB4RAW | CS-Z60UB4RAW |
|---|---|---|---|---|
| Capacity | 2.5kW | 3.5kW | 5.0kW[*1] | 6.0kW[*2] |

## FLOOR CONSOLE with nanoe™X

Wireless Remote Controller Included

CZ-RD514C Wired Remote Controller (Optional)

CZ-TACG1 Network Adaptor[*5] (Optional)

| Model No | CS-Z25UFRAW | CS-Z35UFRAW | CS-Z50UFRAW |
|---|---|---|---|
| Capacity | 2.5kW | 3.5kW | 5.0kW[*1] |
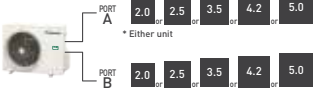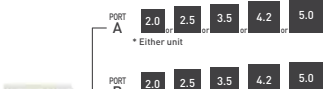
[*1] CZ-MA1PA is to be used to reduce the connection size on the indoor unit from 1/2" to 3/8".    [*2] CZ-MA2PA is to be used to increase the connection size on the outdoor unit from 3/8" to 1/2".
[*3] CZ-MA3PA is to be used to reduce the connection size on the indoor unit from 5/8" to 1/2".    [*4] To enable demand response management, an optional accessory needs to be installed (CZ-CAP2).
[*5] To connect Panasonic Comfort Cloud App, the CZ-TACG1 accessory is required for WALL MOUNTED RZ SERIES, FLOOR CONSOLE, SLIM DUCTED and MINI CASSETTE, and CZ-RTC6BLW or
CZ-CAPWFC1 is required for MINI CASSETTE with nanoe™X.
Built-in Wi-Fi is only available for WALL MOUNTED Z SERIES models. Function availability may vary depending on models.

## Up to 2 rooms — CU-2Z52VBR

**INDOOR UNITS: Possible Combination Patterns**
Must be within capacity range

PORT A: 2.0 or 2.5 or 3.5 or 4.2 or 5.0 *Either unit
PORT B: 2.0 or 2.5 or 3.5 or 4.2 or 5.0 *Either unit

5.2kW *4
Dimensions (HxWxD): 619 x 824(+70) x 299 mm
Weight: 39 kg

* At least two indoor units must be connected.

| | Refrigerant Pipe Diameter | | | Pipe Extension | | | | | Indoor Unit Combinations | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Indoor Units Combination Range | Indoor Unit | Liquid Side (mm) | Gas Side (mm) | Maximum Pipe Length (1 room) | Maximum Pipe Length (Total) | Maximum Chargeless Length | Additional Gas | Maximum Height | Type Capacity [kW class] | Wall-Mounted | Mini Cassette | Ultra Slim Ducted | Floor Console |
| 3.2 to 7.7 kW | Room A | ø 6.35 | ø 9.52 | 20 m | 30 m | 20 m | 15 g/m | 10 m | 2.0 | ● *5 | | | |
| | | | | | | | | | 2.5 | ● | ● | ● | ● |
| | | | | | | | | | 3.5 | ● | ● | ● | ● |
| Make sure to keep combinations within this range. | Room B | ø 6.35 | ø 9.52 | | | | | | 4.2 | ● | | | |
| | | | | | | | | | 5.0 | ● | ● | ● | ● |

## Up to 3 rooms — CU-3Z54VBR

**INDOOR UNITS: Possible Combination Patterns**
Must be within capacity range

PORT A: 2.0 or 2.5 or 3.5 or 4.2 or 5.0 *Either unit
PORT B: 2.0 or 2.5 or 3.5 or 4.2 or 5.0 *Either unit
PORT C: 2.0 or 2.5 or 3.5 or 4.2 or 5.0 *Either unit

5.4kW *4
Dimensions (HxWxD): 795 x 875(+95) x 320 mm
Weight: 71 kg

* At least two indoor units must be connected.

| Indoor Units Combination Range | Indoor Unit | Liquid Side (mm) | Gas Side (mm) | Maximum Pipe Length (1 room) | Maximum Pipe Length (Total) | Maximum Chargeless Length | Additional Gas | Maximum Height | Type Capacity [kW class] | Wall-Mounted | Mini Cassette | Ultra Slim Ducted | Floor Console |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4.5 to 9.5 kW | Room A | ø 6.35 | ø 9.52 | 25 m | 50 m | 30 m | 20 g/m | 15 m | 2.0 | ● *5 | | | |
| | | | | | | | | | 2.5 | ● | ● | ● | |
| | Room B | ø 6.35 | ø 9.52 | | | | | | 3.5 | ● | ● | ● | |
| | | | | | | | | | 4.2 | ● | | | |
| Make sure to keep combinations within this range. | Room C | ø 6.35 | ø 9.52 | | | | | | 5.0 | ● | ● | ● | |

## Up to 4 rooms — CU-4Z71VBR

**INDOOR UNITS: Possible Combination Patterns**
Must be within capacity range

PORT A: 2.0 or 2.5 or 3.5 or 4.2 or 5.0 or 6.0 *Either unit
PORT B: 2.0 or 2.5 or 3.5 or 4.2 or 5.0 or 6.0 *Either unit
PORT C: 2.0 or 2.5 or 3.5 or 4.2 or 5.0 or 6.0 *Either unit
PORT D: 2.0 or 2.5 or 3.5 or 4.2 or 5.0 or 6.0 *Either unit

7.1kW *4
Dimensions (HxWxD): 795 x 875(+95) x 320 mm
Weight: 72 kg

* At least two indoor units must be connected.

| Indoor Units Combination Range | Indoor Unit | Liquid Side (mm) | Gas Side (mm) | Maximum Pipe Length (1 room) | Maximum Pipe Length (Total) | Maximum Chargeless Length | Additional Gas | Maximum Height | Type Capacity [kW class] | Wall-Mounted | Mini Cassette | Ultra Slim Ducted | Floor Console |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4.5 to 11.5 kW | Room A | ø 6.35 | ø 9.52 | 25 m | 60 m | 30 m | 20 g/m | 15 m | 2.0 | ● *5 | | | |
| | | | | | | | | | 2.5 | ● | ● | ● | |
| | Room B | ø 6.35 | ø 9.52 | | | | | | 3.5 | ● | ● | ● | |
| | | | | | | | | | 4.2 | ● | | | |
| | Room C | ø 6.35 | ø 9.52 | | | | | | 5.0 | ● | ● | ● | |
| Make sure to keep combinations within this range. | Room D | ø 6.35 | ø 9.52 | | | | | | 6.0 | ● | ● | ● | |

*4 To enable demand response management, an optional accessory needs to be installed (CZ-CAP2) *5 RZ Series only.

---

## OUTDOOR UNIT

**Blue Fin Condenser**  |  **R32 REFRIGERANT**

**Up to 2 rooms** — CU-2Z52VBR

**Up to 3 rooms** — CU-3Z54VBR

**Up to 4 rooms** — CU-4Z71VBR

## Up to 4 rooms — CU-4Z80VBR

**INDOOR UNITS: Possible Combination Patterns**
Must be within capacity range

PORT A: 2.0 | 2.5 | 3.5 | 4.2 | 5.0 | 6.0 | 7.1  * Either unit
PORT B: 2.0 | 2.5 | 3.5 | 4.2 | 5.0 | 6.0 | 7.1  * Either unit
PORT C: 2.0 | 2.5 | 3.5 | 4.2 | 5.0 | 6.0 | 7.1  * Either unit
PORT D: 2.0 | 2.5 | 3.5 | 4.2 | 5.0 | 6.0 | 7.1  * Either unit

8.0kW *4
Dimensions (HxWxD): 999 x 940 x 340 mm
Weight: 80 kg

At least two indoor units must be connected.

| Model | Indoor Units Combination Range | Indoor Unit | Liquid Side (mm) | Gas Side (mm) | Max Pipe Length (1 room) | Max Pipe Length (Total) | Max Chargeless Length | Additional Gas | Max Height | Type Capacity [kW class] | Wall-Mounted | Mini Cassette | Ultra Slim Ducted | Floor Console |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CU-4Z80VBR | 4.5 to 14.7 kW | Room A | ø 6.35 | ø 9.52 | 25 m | 70 m | 45 m | 20 g/m | 15 m | 2.0 | ● *5 | | | |
| | | Room B | ø 6.35 | ø 9.52 | | | | | | 2.5 | ● | ● | ● | |
| | | Room C | ø 6.35 | ø 9.52 | | | | | | 3.5 | ● | ● | ● | |
| | | Room D | ø 6.35 | ø 9.52 | | | | | | 4.2 | ● | | | |
| | | | | | | | | | | 5.0 | ● | ● | ● | |
| | | | | | | | | | | 6.0 | ● | ● | ● | |
| | | | | | | | | | | 7.1 | ● | | | |

Make sure to keep combinations within this range.

## Up to 5 rooms — CU-5Z100VBR

**INDOOR UNITS: Possible Combination Patterns**
Must be within capacity range

PORT A: 2.0 | 2.5 | 3.5 | 4.2 | 5.0 | 6.0 | 7.1  * Either unit
PORT B: 2.0 | 2.5 | 3.5 | 4.2 | 5.0 | 6.0 | 7.1  * Either unit
PORT C: 2.0 | 2.5 | 3.5 | 4.2 | 5.0 | 6.0 | 7.1  * Either unit
PORT D: 2.0 | 2.5 | 3.5 | 4.2 | 5.0 | 6.0 | 7.1  * Either unit
PORT E: 2.0 | 2.5 | 3.5 | 4.2 | 5.0 | 6.0 | 7.1  * Either unit

10.0kW *4
Dimensions (HxWxD): 999 x 940 x 340 mm
Weight: 81 kg

At least two indoor units must be connected.

| Model | Indoor Units Combination Range | Indoor Unit | Liquid Side (mm) | Gas Side (mm) | Max Pipe Length (1 room) | Max Pipe Length (Total) | Max Chargeless Length | Additional Gas | Max Height | Type Capacity [kW class] | Wall-Mounted | Mini Cassette | Ultra Slim Ducted | Floor Console |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CU-5Z100VBR | 4.5 to 18.3 kW | Room A | ø 6.35 | ø 9.52 | 25 m | 80 m | 45 m | 20 g/m | 15 m | 2.0 | ● *5 | | | |
| | | Room B | ø 6.35 | ø 9.52 | | | | | | 2.5 | ● | ● | ● | |
| | | Room C | ø 6.35 | ø 9.52 | | | | | | 3.5 | ● | ● | ● | |
| | | Room D | ø 6.35 | ø 9.52 | | | | | | 4.2 | ● | | | |
| | | Room E | ø 6.35 | ø 9.52 | | | | | | 5.0 | ● | ● | ● | |
| | | | | | | | | | | 6.0 | ● | ● | ● | |
| | | | | | | | | | | 7.1 | ● | | | |

Make sure to keep combinations within this range.

*4 To enable demand response management, an optional accessory needs to be installed (CZ-CAP2) *5 RZ Series only.

## ACCESSORIES

**CZ-MA1PA**
*1 CZ-MA1PA is to be used to reduce the connection size on the indoor unit from 1/2" to 3/8".

**CZ-MA2PA**
*2 CZ-MA2PA is to be used to increase the connection size on the outdoor unit from 3/8" to 1/2".

**CZ-MA3PA**
*3 CZ-MA3PA is to be used to reduce the connection size on the indoor unit from 5/8" to 1/2".

**CZ-CAP2**
*4 Demand response module CZ-CAP2.

## OUTDOOR UNIT

Blue Fin Condenser | R32 REFRIGERANT

**Up to 4 rooms** — CU-4Z80VBR

**Up to 5 rooms** — CU-5Z100VBR

## INDOOR UNIT

| MODEL | | | WALL-MOUNTED Z SERIES with nanoe™X and Built-in Wi-Fi | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | CS-Z25XKRW | CS-Z35XKRW | CS-Z42XKRW | CS-Z50XKRW | CS-Z60XKRW | CS-Z71XKRW |
| Capacity | | kW | 2.5 | 3.5 | 4.2 | 5.0 | 6.0 | 7.1 |
| Power Source | | | Single Phase 240V, 50Hz | | | | | |
| Sound Pressure Level (H/L/Q-Lo) | Cooling | dB(A) | 42/27/21 | 46/28/21 | 46/33/30 | 46/36/30 | 49/38/35 | 51/39/36 |
| | Heating | | 42/29/23 | 46/31/24 | 46/34/30 | 46/36/30* | 50/38/35 | 51/39/36 |
| Sound Power Level (H/L/Q-Lo) | Cooling | dB(A) | 58/43/37 | 62/44/37 | 62/49/46 | 62/52/46 | 65/54/51 | 67/55/52 |
| | Heating | | 58/45/39 | 62/47/40 | 62/50/46 | 62/52/46* | 66/54/51 | 67/55/52 |
| Airflow | Cooling/Heating | L/s | 188/200 | 193/202 | 193/202 | 208/228 | 328/338 | 352/367 |
| Dimensions | Height | mm | 290 | 290 | 290 | 290 | 295 | 295 |
| | Width | mm | 779 | 779 | 779 | 779 | 1,040 | 1,040 |
| | Depth | mm | 209 | 209 | 209 | 209 | 244 | 244 |
| Net Weight | | kg | 8 | 8 | 8 | 8 | 12 | 13 |
| Refrigerant Pipe Diameter | Liquid Side | mm | ø 6.35 | ø 6.35 | ø 6.35 | ø 6.35 | ø 6.35 | ø 6.35 |
| | Gas Side | mm | ø 9.52 | ø 9.52 | ø 9.52*1 | ø 9.52*1 | ø 12.70*2 | ø 12.70*2*3 |

*For connection to CU-2Z52VBR, indoor Sound Pressure Level (Heating) is 46/35/31 and Sound Power Level (Heating) is 62/51/47.

| MODEL | | | WALL-MOUNTED RZ SERIES | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | CS-MRZ20WKR | CS-RZ25XKRW | CS-RZ35XKRW | CS-RZ42XKRW | CS-RZ50XKRW | CS-RZ60XKRW | CS-RZ71XKRW |
| Capacity | | kW | 2.0 | 2.5 | 3.5 | 4.2 | 5.0 | 6.0 | 7.1 |
| Power Source | | | Single Phase 240V, 50Hz | | | | | | |
| Sound Pressure Level (H/L/Q-Lo) | Cooling | dB(A) | 42/27/24 | 42/27/21 | 46/28/21 | 46/33/30 | 46/36/30 | 49/38/35 | 51/39/36 |
| | Heating | | 42/29/26 | 42/29/23 | 46/31/24 | 46/34/30 | 46/36/30* | 50/38/35 | 51/39/36 |
| Sound Power Level (H/L/Q-Lo) | Cooling | dB(A) | 58/43/40 | 58/43/37 | 62/44/37 | 62/49/46 | 62/52/46 | 65/54/51 | 67/55/52 |
| | Heating | | 58/45/42 | 58/45/39 | 62/47/40 | 62/50/46 | 62/52/46* | 66/54/51 | 67/55/52 |
| Airflow | Cooling/Heating | L/s | 188/198 | 188/200 | 193/202 | 193/202 | 208/228 | 328/338 | 352/367 |
| Dimensions | Height | mm | 290 | 290 | 290 | 290 | 290 | 295 | 295 |
| | Width | mm | 779 | 779 | 779 | 779 | 779 | 1,040 | 1,040 |
| | Depth | mm | 209 | 209 | 209 | 209 | 209 | 244 | 244 |
| Net Weight | | kg | 8 | 8 | 8 | 8 | 8 | 12 | 13 |
| Refrigerant Pipe Diameter | Liquid Side | mm | ø 6.35 | ø 6.35 | ø 6.35 | ø 6.35 | ø 6.35 | ø 6.35 | ø 6.35 |
| | Gas Side | mm | ø 9.52 | ø 9.52 | ø 9.52 | ø 9.52*1 | ø 9.52*1 | ø 12.70*2 | ø 12.70*2*3 |

*For connection to CU-2Z52VBR, indoor Sound Pressure Level (Heating) is 46/35/31 and Sound Power Level (Heating) is 62/51/47.

| MODEL | | | MINI CASSETTE with nanoe™X | | | | MINI CASSETTE | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | S-25PY3E | S-36PY3E | S-50PY3E | S-60PY3E | CS-Z25UB4RAW | CS-Z35UB4RAW | CS-Z50UB4RAW | CS-Z60UB4RAW |
| Capacity | | kW | 2.5 | 3.5 | 5.0 | 6.0 | 2.5 | 3.5 | 5.0 | 6.0 |
| Power Source | | | Single Phase 240V, 50Hz | | | | | | | |
| Sound Pressure Level (H/L) | Cooling | dB(A) | 33/27 | 36/27 | 41/29 | 45/33 | 36/27 | 36/28 | 40/30 | 45/34 |
| | Heating | | 33/27 | 36/27 | 41/29 | 45/33 | 37/30 | 39/30 | 41/31 | 47/34 |
| Sound Power Level (H) | Cooling | dB(A) | 48 | 51 | 56 | 60 | 52 | 52 | 56 | 61 |
| | Heating | | 48 | 51 | 56 | 60 | 53 | 55 | 57 | 63 |
| Airflow | Cooling/Heating | L/s | 142/142 | 158/158 | 200/200 | 233/233 | 175/180 | 175/195 | 192/197 | 237/253 |
| Dimensions Unit (Fascia Panel) | Height | mm | 243 (30) | 243 (30) | 243 (30) | 243 (30) | 260 (51) | 260 (51) | 260 (51) | 260 (51) |
| | Width | mm | 575 (625) | 575 (625) | 575 (625) | 575 (625) | 575 (700) | 575 (700) | 575 (700) | 575 (700) |
| | Depth | mm | 575 (625) | 575 (625) | 575 (625) | 575 (625) | 575 (700) | 575 (700) | 575 (700) | 575(700) |
| Net Weight | | kg | 15 | 15 | 15 | 15 | 18 | 18 | 18 | 18 |
| Refrigerant Pipe Diameter | Liquid Side | mm | ø 6.35 | ø 6.35 | ø 6.35 | ø 6.35 | ø 6.35 | ø 6.35 | ø 6.35 | ø 6.35 |
| | Gas Side | mm | ø 9.52*1 | ø 9.52*1 | ø 9.52*1 | ø 12.70*2 | ø 9.52 | ø 9.52 | ø 9.52*1 | ø 12.70*2 |

*1 CZ-MA1PA is to be used to reduce the connection size on the indoor unit from 1/2'' to 3/8''.
*2 CZ-MA2PA is to be used to increase the connection size on the outdoor unit from 3/8'' to 1/2''.
*3 CZ-MA3PA is to be used to reduce the connection size on the indoor unit from 5/8'' to 1/2''.

## INDOOR UNIT

| MODEL | | | ULTRA SLIM DUCTED | | | | FLOOR CONSOLE with nanoe™X | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | CS-Z25UD3RAW | CS-Z35UD3RAW | CS-Z50UD3RAW | CS-Z60UD3RAW | CS-Z25UFRAW | CS-Z35UFRAW | CS-Z50UFRAW |
| Capacity | | kW | 2.5 | 3.5 | 5.0 | 6.0 | 2.5 | 3.5 | 5.0 |
| Power Source | | | Single Phase 240V, 50Hz | | | | | | |
| Sound Pressure Level (H/L) | Cooling | dB(A) | 35/29 | 35/28 | 41/31 | 43/32 | 40/27 | 41/28 | 46/33 |
| | Heating | | 36/29 | 37/29 | 41/32 | 43/34 | 40/27 | 41/27 | 48/35 |
| Sound Power Level (H) | Cooling | dB(A) | 51 | 51 | 57 | 59 | 56 | 57 | 62 |
| | Heating | | 52 | 53 | 57 | 59 | 56 | 57 | 64 |
| Airflow | Cooling/Heating | L/s | 175/175 | 187/187 | 255/255 | 262/262 | 163/173 | 170/182 | 198/227 |
| Dimensions | Height | mm | 200 | 200 | 200 | 200 | 600 | 600 | 600 |
| | Width | mm | 750 | 750 | 750 | 750 | 750 | 750 | 750 |
| | Depth | mm | 640 | 640 | 640 | 640 | 207 | 207 | 207 |
| Net Weight | | kg | 19 | 19 | 19 | 19 | 13 | 13 | 13 |
| Refrigerant Pipe Diameter | Liquid Side | mm | ø 6.35 | ø 6.35 | ø 6.35 | ø 6.35 | ø 6.35 | ø 6.35 | ø 6.35 |
| | Gas Side | mm | ø 9.52 | ø 9.52 | ø 9.52*1 | ø 12.70*2 | ø 9.52 | ø 9.52 | ø 9.52*1 |

## OUTDOOR UNIT

| MODEL | | (50Hz) | CU-2Z52VBR | CU-3Z54VBR | CU-4Z71VBR | CU-4Z80VBR | CU-5Z100VBR |
|---|---|---|---|---|---|---|---|
| Power Source | | | Single Phase 240V, 50Hz | | | | |
| Cooling Operation | Capacity (min-max) | kW | 5.20 (1.50-6.00) | 5.40 (1.80-7.30) | 7.10 (1.90-8.80) | 8.00 (2.30-9.20) | 10.00 (2.30-11.50) |
| Maximum Connectable Capacity | | kW | 7.7 | 9.5 | 11.5 | 14.7 | 18.3 |
| Maximum Connectable Indoors | | Units | 2 | 3 | 4 | 4 | 5 |
| Electrical Data | Running Current | A | 5.9 | 5.1 | 7.4 | 8.9 | 11.8 |
| | Power Input (min-max) | kW | 1.35 (0.25-1.62) | 1.12 (0.36-2.18) | 1.66 (0.34-2.47) | 1.98 (0.42-2.87) | 2.60 (0.43-3.59) |
| | AEER/EER | W/W | 3.79 / 3.85 | 4.74 / 4.82 | 4.23 / 4.28 | 4.00 / 4.04 | 3.81 / 3.85 |
| Noise (H) | Sound Pressure Level | dB(A) | 51 | 48 | 49 | 51 | 53 |
| | Sound Power Level | dB(A) | 66 | 62 | 63 | 67 | 69 |
| Heating Operation | Capacity | kW | 6.10 (1.10-7.20) | 7.00 (1.60-9.00) | 8.50 (3.00-10.70) | 9.40 (3.00-11.60) | 12.00 (3.40-14.50) |
| Electrical Data | Running Current | A | 6.2 | 6.8 | 8.6 | 9.3 | 12.1 |
| | Power Input (min-max) | kW | 1.43 (0.21-1.90) | 1.54 (0.32-2.63) | 1.95 (0.50-2.72) | 2.03 (0.50-3.42) | 2.76 (0.58-4.02) |
| | ACOP/COP | W/W | 4.21 / 4.27 | 4.49 / 4.55 | 4.32 / 4.36 | 4.58 / 4.63 | 4.31 / 4.35 |
| Noise (H) | Sound Pressure Level | dB(A) | 53 | 49 | 51 | 52 | 56 |
| | Sound Power Level | dB(A) | 68 | 63 | 65 | 68 | 72 |
| Maximum Current | | A | 11.5 | 15.2 | 15.6 | 19.0 | 21.3 |
| Starting Current | | A | 6.4 | 7.0 | 8.8 | 9.7 | 12.5 |
| Compressor Output | | W | 900 | 1300 | 1300 | 1700 | 1700 |
| Dimensions | Height | mm | 619 | 795 | 795 | 999 | 999 |
| | Width | mm | 824 (+70) | 875 (+95) | 875 (+95) | 940 | 940 |
| | Depth | mm | 299 | 320 | 320 | 340 | 340 |
| Net Weight | | kg | 39 | 71 | 72 | 80 | 81 |
| Power Supply | | | Outdoor | Outdoor | Outdoor | Outdoor | Outdoor |
| Pipe Length Range (1 room) | | m | 3~20 | 3~25 | 3~25 | 3~25 | 3~25 |
| Maximum Pipe Length (Total) ** | | m | 30 | 50 | 60 | 70 | 80 |
| Refrigerant Pipe Diameter | Liquid Side | mm | ø 6.35 | ø 6.35 | ø 6.35 | ø 6.35 | ø 6.35 |
| | Gas Side | mm | ø 9.52 | ø 9.52 | ø 9.52 | ø 9.52 | ø 9.52 |
| Operating Range | Cooling | (°C) | -10~+46 | -10~+46 | -10~+46 | -10~+46 | -10~+46 |
| | Heating | (°C) | -15~+24** | -15~+24** | -15~+24** | -15~+24** | -15~+24** |

** Additional Gas might be required for some models, refer to Technical Manual for details.

Rating Conditions

| | Cooling | Heating |
|---|---|---|
| Inside air temperature | 27°C DB /19°C WB | 20°C DB |
| Outside air temperature | 35°C DB | 7°C DB /6°C WB |

AIR IS LIFE

AIR IS COMFORT

AIR IS ENERGY

QUALITY AIR FOR LIFE

Authorised Dealer

**Panasonic**

AIR CONDITIONING