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.
We breathe in 18 kg of AIR a person a day.

At Panasonic Air Conditioners, we want to deliver more than just cooling or heating solutions. We want to create Total Air Solutions that let you enjoy Quality Indoor Air.

WE IMPROVE THE QUALITY OF AIR, SO YOU CAN IMPROVE THE QUALITY OF LIFE.

AIR IS LIFE
AIR IS COMFORT
AIR IS ENERGY

We improve the quality of air, so you can improve the quality of life.

QUALITY AIR FOR LIFE
Testing Products to Ensure Reliability & Durability

At Panasonic, we believe that the best air conditioner is one that works quietly and effectively in the background whilst minimising its impact on the environment. People who use our products can look forward to many years of high-quality performance without the need for constant maintenance.

As part of our rigorous design and development process, Panasonic air conditioners undergo a variety of stringent tests to ensure their effectiveness and long-term reliability. Tests for durability, waterproofing, shock resistance and noise are conducted on component parts and on the finished products.

As a result of these painstaking efforts, Panasonic air conditioners meet even the most demanding industrial standards and regulations in every country where they are sold.

Applying advanced technologies that truly make life better, we live by an unparalleled commitment to product quality. Our approach to product development originates in the DNA of Japanese craftsmanship. Panasonic is building on the Japanese tradition of uncompromising quality control worldwide, developing and manufacturing fine products and delivering them to customers everywhere.

**Durability**

At Panasonic we know the importance of a long service life with minimal maintenance. That’s why we subject our air conditioners to a wide range of stringent durability tests.

**Long-Term Durability Test**

To ensure durability and stable operation for many years, we conduct a long-term, continuous operation test under conditions that are much more severe than actual operating conditions.

**Compressor Reliability Test**

After the continuous operation test, we remove the compressor from a selected outdoor unit, disassemble it and examine the internal mechanisms and parts for potential failure. This helps to ensure reliable long-term performance under harsh conditions.

**Waterproof Test**

The outdoor unit, which is subject to rain and wind, complies with IPX6 waterproof specifications. Contact sections on printed circuit boards are silicone coated to prevent adverse effects caused by exposure to water (an unlikely occurrence).

**Shock Resistance**

Impact and vibration tests ensure that the product’s quality and performance at this time of final inspection are maintained upon delivery to the end user.

**Drop Test**

Packaging has been strengthened to help products withstand large impacts caused by improper handling during transportation. Testing includes conventional vertical drops, along with more severe tests in which the sides, edges, or corners hit the ground first. This ensures that the product’s rigidity and shock-absorbing materials are strong enough to prevent damage.

**Comfort**

To keep every person in the room comfortable, Panasonic designs its air conditioners to work quietly in the background, without making their presence known.

**Noise Test**

The operating noise of the indoor and outdoor units are measured in a high-performance anechoic chamber. These tests verify that operating noise is low enough to allow the user to talk and sleep comfortably whilst the product is operating.

**International Standard Quality**

To uphold the company’s reputation around the world, Panasonic continuously strives to offer the highest quality with the lowest possible environmental impact.

**Reliable Parts That Meet or Exceed Industrial Standards**

In every country where they are sold, Panasonic air conditioners comply with all required industrial standards and regulations. In addition, Panasonic conducts stringent testing to ensure the reliability of parts and materials.

**RoHS/REACH Compliant Parts**

All Panasonic parts and materials comply with Europe’s strict RoHS/REACH environmental regulations. During the development and production of parts, stringent inspections are conducted on over 100 materials to ensure that no hazardous substances are included.

**Sophisticated Production Process**

Panasonic’s air conditioner production lines employ state-of-the-art factory automation technologies to ensure products are manufactured efficiently and with uniformly high levels of quality and reliability.
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.

Note: Control
2. *1 Voice Control requires a compatible Alexa device. Requires an Internet connection and the Alexa app installed on the Apple Store or Google Play Store on your smartphone or tablet with the Alexa voice assistant on your device.
3. *2 Alexa Control requires a compatible Amazon Alexa device.
4. *3 Google Assistant Control requires 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.

Cleaner, Healthier Air

As well as a cool, comfortable home, a Panasonic air conditioner provides the ultimate peace of mind. The Anti-Bacterial Filter* eliminates unwanted contaminants to make the air healthier for you and your family.

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

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 is a freezing -15ºC outside, ensuring even the coldest parts of Australia are comfortable.

Built Tough

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

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.

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Cleaner, Healthier Air

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Compatible Device and Browsers
1. iOS 9.0 or above
2. Android 4.4 or above

Please note: This is not a definitive list of all compatible devices, other similar devices which use supported Operating Systems should also work either via dedicated Apps. Please note that user experience may vary slightly depending on hardware and software combination.

Compatible Air Connectivity

The Panasonic Comfort Cloud Application enables you to conveniently manage and monitor multiple AC units for homes from just 1 mobile device.

Intuitive Voice Control

Control air conditioning units by voice command connecting to Intelligent Voice Control System.*

* Please refer to Page 6 for details on WLAN or Voice Control. Google is a trademark of Google LLC. Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

The Smarter Way to Bring Convenience to Your Living Space

Living Room  Bedroom  Study Room

Dining Room  Living Room  Study Room  Bedroom  Guest Room

Lounges  Spa  Education Centre  Restaurants

Remote Access AC Features

Pre-cool Spaces

Analyse Energy Usage Patterns

Compare Historical Usage for Better Budget Planning

Effortless Troubleshooting

Assign Other Users While You Are Away

* Based on estimated energy consumption.

*Please refer to Page 6 for details on WLAN or Voice Control.

* Indoor temperature display and some special functions are not available through the App for all models.

* Indoor image displayed may not match with actual unit.
**Ultra Slim Ducted**

- **Model No**: CS-Z25UD3RAW, CS-Z35UD3RAW, CS-Z50UD3RAW, CS-Z60UD3RAW
- **WLAN or Voice Control Possible** (CZ-TACG1 is required)*
- **Market-leading Energy Efficiency**
- **Only 200mm High**
- **Built-in Drain Pump**
- **-15°C to +46°C Operating Range**

*Please refer page 6 for details of WLAN or Voice control. Google is a trademark of Google LLC. Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

---

**Capacity**

<table>
<thead>
<tr>
<th>Model Name</th>
<th>Outdoor Unit</th>
<th>Indoor Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS-Z25UD3RAW</td>
<td>CU-Z25UBRA</td>
<td>CS-Z25UB4RAW</td>
</tr>
<tr>
<td>CS-Z35UD3RAW</td>
<td>CU-Z35UBRA</td>
<td>CS-Z35UB4RAW</td>
</tr>
<tr>
<td>CS-Z50UD3RAW</td>
<td>CU-Z50UBRA</td>
<td>CS-Z50UB4RAW</td>
</tr>
<tr>
<td>CS-Z60UD3RAW</td>
<td>CU-Z60UBRA</td>
<td>CS-Z60UB4RAW</td>
</tr>
</tbody>
</table>

**Wiring Remote Controller Included**

---

**Specifications**

### Outdoor

- **Model**: CU-Z25UBRA, CU-Z35UBRA, CU-Z50UBRA, CU-Z60UBRA
- **Phase/Hz**: 1 Phase / 50Hz
- **Input**: 230V | 240V
- **Cooling**: 2.60 (0.85 - 3.20)
- **Heating**: 2.50 (0.85 - 3.20)

---

**Indoor Unit**

<table>
<thead>
<tr>
<th>Model No</th>
<th>Cooling Capacity</th>
<th>Heating Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS-Z25UD3RAW</td>
<td>2.6kW</td>
<td>3.5kW</td>
</tr>
<tr>
<td>CS-Z35UD3RAW</td>
<td>3.7kW</td>
<td>4.8kW</td>
</tr>
<tr>
<td>CS-Z50UD3RAW</td>
<td>5.0kW</td>
<td>5.7kW</td>
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<tr>
<td>CS-Z60UD3RAW</td>
<td>5.6kW</td>
<td>6.1kW</td>
</tr>
</tbody>
</table>

---

**Notes**

- Outdoor temperature: 35°C DB/ 24°C WB
- Indoor temperature: 27°C DB/ 19°C WB

---

**Dimensions**

<table>
<thead>
<tr>
<th>Model No</th>
<th>Outdoor Unit</th>
<th>Indoor Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS-Z25UD3RAW</td>
<td>542 x 780 x 289</td>
<td>542 x 780 x 289</td>
</tr>
<tr>
<td>CS-Z35UD3RAW</td>
<td>619 x 824 x 299</td>
<td>619 x 824 x 299</td>
</tr>
<tr>
<td>CS-Z50UD3RAW</td>
<td>695 x 875 x 320</td>
<td>695 x 875 x 320</td>
</tr>
<tr>
<td>CS-Z60UD3RAW</td>
<td>695 x 875 x 320</td>
<td>695 x 875 x 320</td>
</tr>
</tbody>
</table>

---

**Power Source**

- **Phase/Hz**: 1 Phase / 50Hz

---

**Sound Power Level**

- **Cooling**: 49 / 43 / 40
- **Heating**: 50 / 43 / 40

---

**Sound Pressure Level**

- **Cooling**: 33 / 27 / 24
- **Heating**: 34 / 27 / 24

---

**Air Volume**

- **Cooling**: 175 / 175
- **Heating**: 175 / 175
# 4-WAY MINI CASSETTE

## Specifications

### Model Name

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Mini Cassette</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5kW</td>
<td>(Optional)</td>
</tr>
<tr>
<td>3.5kW</td>
<td>(Optional)</td>
</tr>
<tr>
<td>4.8kW</td>
<td>(Optional)</td>
</tr>
<tr>
<td>5.7kW</td>
<td>(Optional)</td>
</tr>
</tbody>
</table>

### Cooling capacity

- Indoor Unit: 2.5kW, 3.5kW, 4.8kW, 5.7kW
- Outdoor Unit: 2.6kW, 3.7kW, 5.0kW, 5.6kW

### Heating capacity

- Indoor Unit: -10°C to +46°C
- Outdoor Unit: -10°C to +46°C

### Elevation difference

- Indoor Unit: 15m, 15m, 20m, 20m
- Outdoor Unit: 15m, 15m, 20m, 20m

### Pipe length

- Indoor Unit: 3m to 20m, 3m to 20m, 3m to 30m, 3m to 30m
- Outdoor Unit: 3m to 20m, 3m to 20m, 3m to 30m, 3m to 30m

### Piping connections

- Indoor Unit: Liquid / Gas (Ø6.35 / Ø9.52)
- Outdoor Unit: Liquid / Gas (Ø6.35 / Ø12.70)

### Dimensions

- Indoor Unit: 542 x 780 x 289mm, 619 x 824 x 299mm, 695 x 875 x 320mm, 695 x 875 x 320mm
- Outdoor Unit: 542 x 780 x 289mm, 619 x 824 x 299mm, 695 x 875 x 320mm, 695 x 875 x 320mm

### Power source

- Indoor Unit: 1 Phase / 50Hz
- Outdoor Unit: 1 Phase / 50Hz

### Sound power level

- Indoor Unit: 49 / 43 / 40dB(A), 49 / 42 / 39dB(A), 55 / 45 / 42dB(A), 57 / 46 / 43dB(A)
- Outdoor Unit: 49 / 42 / 39dB(A), 51 / 43 / 40dB(A), 55 / 45 / 42dB(A), 57 / 46 / 43dB(A)

### Sound pressure level

- Indoor Unit: 33 / 27 / 24dB(A), 33 / 26 / 23dB(A), 39 / 29 / 26dB(A), 41 / 30 / 27dB(A)
- Outdoor Unit: 34 / 27 / 24dB(A), 35 / 27 / 24dB(A), 39 / 30 / 27dB(A), 41 / 32 / 29dB(A)

### Net weight

- Indoor Unit: 19kg, 19kg, 19kg, 19kg
- Outdoor Unit: 19kg, 19kg, 19kg, 19kg

### Current

- Indoor Unit: 2.80A, 2.70A, 4.30A, 4.20A
- Outdoor Unit: 3.50A, 3.40A, 4.70A, 4.50A

### EER : COP

- Indoor Unit: 4.48, 3.85, 3.57, 3.29
- Outdoor Unit: 4.23, 4.08, 3.63, 3.24

### Outdoor Unit

- Power input (min - max): Cooling: Heating kW 0.58 - 0.85: 0.78 - 1.25
- Heating capacity: 11,300 (2,900 - 16,700)
- Cooling capacity: 12,600 (2,900 - 13,600)
- BTU/h: Heating L/s 175: 175
- Voltage: 230V / 240V

### Indoor Unit

- Power input (min - max): Cooling: Heating kW 1.40 - 1.78: 1.68 - 2.20
- Heating capacity: 19,100 (3,070 - 22,200)
- Cooling capacity: 20,800 (3,070 - 24,600)
- BTU/h: Heating L/s 255: 255
- Voltage: 230V / 240V

### 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/ 0°C WB

*Please refer page 6 for details of WLAN or Voice control.

WLAN Ready*

- Indoor Unit: Wireless Remote Controller included
- Outdoor Unit: Wired Remote Controller (Optional)

- Model Name: CS-Z25UD3RAW, CS-Z35UD3RAW, CS-Z50UD3RAW, CS-Z60UD3RAW

- Indoor Unit:
  - Cooling capacity: 2.5kW: 2.6kW
  - Heating capacity: 3.5kW: 3.7kW

- Outdoor Unit:
  - Cooling capacity: 4.8kW: 5.0kW
  - Heating capacity: 5.7kW: 5.6kW

### 4-Way Mini Cassette

- Works with the Google Assistant
- Works with Alexa
- R32 Refrigerant
- DRED ready
- MEPS Compliant
- Built-in Drain Pump
- -15°C to +46°C Operating Range
- WLAN or Voice Control Possible (C2-TACG1 is required)*
- Market-leading Energy Efficiency
- Compact Design (260mm High)
- Easy Installation

* Please refer page 6 for details of WLAN or Voice control.

Google is a trademark of Google LLC.

Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.
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 condominiums, single and multi-storey residences.

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

- Space-saving installation with less outdoor units required
  - Piping can be extended up to 80 metres.
  - Maximum height up to 15 metres for indoor and outdoor unit.

- The multi-split system accommodates long pipelines up to 80 metres
  - Flexible arrangement and installation of indoor and outdoor units based on the room condition, location and installation convenience of the site.

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**Specifications**

### Indoor Units – Possibilities of combinations that do within capacity range

<table>
<thead>
<tr>
<th>Models</th>
<th>Indoor Unit Combination</th>
<th>Refrigerant Pipe Diameter</th>
<th>Pipe Extension</th>
<th>Indoor Unit Combinations</th>
</tr>
</thead>
<tbody>
<tr>
<td>CU-2Z52VBR</td>
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</tr>
<tr>
<td>CU-3Z54VBR</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CU-4Z80VBR</td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

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

### Outdoors

**Up to 2 rooms**
- CU-2Z52VBR

**Up to 3 rooms**
- CU-3Z54VBR

**Up to 4 rooms**
- CU-4Z71VBR

### Accessories
- CZ-MA1P
- CZ-MA3P
- CZ-CAP2
- CZ-TACG1

---

**Specifications**

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<tr>
<td>CU-3Z54VBR</td>
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<tr>
<td>CU-4Z80VBR</td>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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### Outdoors

**Up to 4 rooms**
- CU-4Z80VBR

**Up to 5 rooms**
- CU-SZ100VBR
**CZ-MA2P** is to be used to increase the connection size on the outdoor unit from 3/8” to 1/2”.

**CZ-MA3P** is to be used to reduce the connection size on the indoor unit from 5/8” to 1/2”.

---

### Dimensions

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Noise (H/L)</th>
<th>Noi se</th>
<th>Power Source</th>
<th>Dimensions</th>
<th>Power Input (min-max)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter (H)</td>
<td>Noise (H/L)</td>
<td>Noi se</td>
<td>Power Source</td>
<td>Dimensions</td>
<td>Power Input (min-max)</td>
</tr>
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<td>Diameter (H)</td>
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</tr>
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<td>Diameter (H)</td>
<td>Noise (H/L)</td>
<td>Noi se</td>
<td>Power Source</td>
<td>Dimensions</td>
<td>Power Input (min-max)</td>
</tr>
</tbody>
</table>

### Indoor Units

**Model**

<table>
<thead>
<tr>
<th>Capacity kW</th>
<th>Power Source</th>
<th>Noise (dB(A))</th>
<th>Diameter (mm)</th>
<th>Noise (dB(A))</th>
<th>Diameter (mm)</th>
<th>Noise (dB(A))</th>
<th>Diameter (mm)</th>
<th>Noise (dB(A))</th>
<th>Diameter (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5</td>
<td>Single Phase 240V, 50Hz</td>
<td>10.3</td>
<td>ø 6.35</td>
<td>12.70</td>
<td>975</td>
<td>19,400 (3,070 - 21,700)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.2</td>
<td>Single Phase 240V, 50Hz</td>
<td>10.5</td>
<td>ø 6.35</td>
<td>12.70</td>
<td>975</td>
<td>19,400 (3,070 - 21,700)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.2</td>
<td>Single Phase 240V, 50Hz</td>
<td>10.5</td>
<td>ø 6.35</td>
<td>12.70</td>
<td>975</td>
<td>19,400 (3,070 - 21,700)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5.2</td>
<td>Single Phase 240V, 50Hz</td>
<td>10.5</td>
<td>ø 6.35</td>
<td>12.70</td>
<td>975</td>
<td>19,400 (3,070 - 21,700)</td>
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</tbody>
</table>

### Outdoor Units

**Model**

<table>
<thead>
<tr>
<th>Model Name</th>
<th>Capacity kW</th>
<th>Outdoor Units Combination</th>
<th>Power Source</th>
<th>Cooling Operation</th>
<th>Maximum Connectable Capacity kW</th>
<th>Maximum Connectable Indoor Units</th>
<th>Electrical Data</th>
<th>Noise (dB(A))</th>
<th>Power Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>CU-22EZVBR</td>
<td>2.00 (4.00)</td>
<td>3.00 (6.00) + 2.00 (4.00)</td>
<td>Single Phase 240V, 50Hz</td>
<td>5.20/11.0-5.30</td>
<td>5.00/12.6-5.00</td>
<td>7.10/11.0-7.00</td>
<td>6.00/12.6-6.00</td>
<td>2.01/11.0-2.00</td>
<td>6.00/11.0-6.00</td>
</tr>
</tbody>
</table>

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* Additional Gas might be required for some models. Refer to the Technical Document for information on Additional Gas.

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**Notes:**

- The Rated Capacity, Power Input and Running Current are measured in accordance with AS/NZS 1243.
- 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.