

R32 MULTI SPLIT SYSTEM

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.

19MSAC0501

Authorised Dealer



Panasonic Australia Pty. Limited.

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ACN 001 592 187 ABN 83 001 592 187

aircon.panasonic.com.au



Panasonic
Air Conditioning

QUALITY AIR FOR LIFE



We breathe in
18kg^{*1} 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.

 **FOOD**
1.3kg^{*3}
a person
a day


 **WATER**
1.2kg^{*2}
a person
a day

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

AIR IS LIFE

AIR IS COMFORT

AIR IS ENERGY

 **QUALITY AIR FOR LIFE**

^{*1}: Iwao Uchiyama (Department of Occupational Health, National Institute of Public Health)
"Air and Human Beings: from the Physiological Viewpoint" (1999) <https://ci.nii.ac.jp/naid/110008447936/>
^{*2}: Heat illness Prevention (Chapter 3) in "Heat illness Environmental Health Manual 2018".
P.32, Figure3-2 by Ministry of the Environment, Government of Japan. http://www.wbgt.env.go.jp/pdf/manual/heatillness_manual_3-1.pdf

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 IPX4 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 the 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 products' 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.



The strength of the resin material used in a propeller fan is confirmed by a tension test

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.

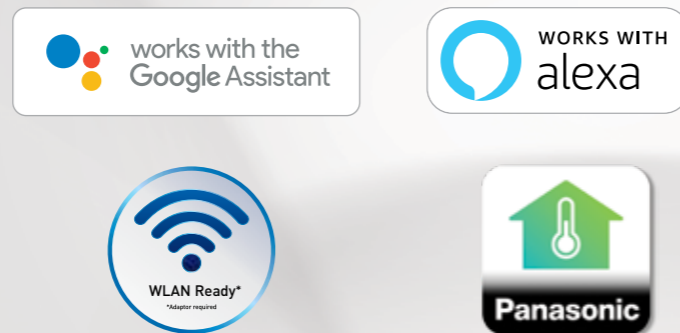
CLASS LEADING FEATURES

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.

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Voice Control
 • Time of release third quarter 2019.
 • CZ-TACG1 Network Adaptor required per indoor 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 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.



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.

*Wall-mounted type only.

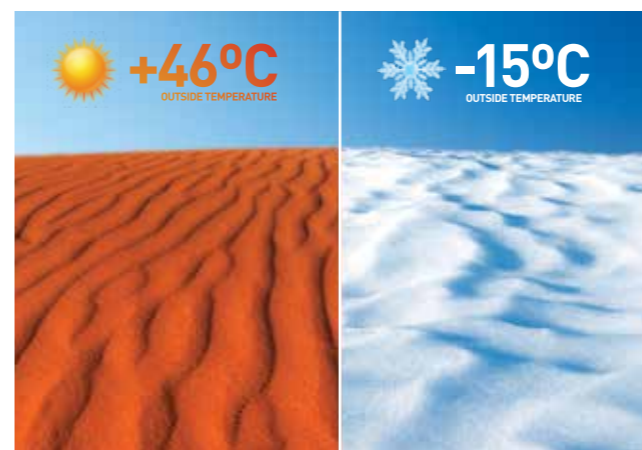
Anti-Bacterial Filter
 *1 Allergen deactivation was certified by Shinshu University. Allergen: Cider Pollen Allergen Cry J1.
 *2 Bacteria deactivation was certified by Boken Quality Evaluation Institute. Test Report No: 10042459-1 and 10042459-2 Bacteria: Staphylococcus aureus NBRC 12732; Escherichia coli NBRC 3972.
 *3 Virus deactivation was certified by Osaka Prefectural Institute of Public Health. Test Report No: 313360397 Virus: Influenza (H3N2) A/Hong Kong.
 *4 Certified by Boken Quality Evaluation Institute. Test Report No: 000366-3 Mould: Aspergillus niger ATCC 6275.

ALLERGENS	99% ^{*1} DEACTIVATION
BACTERIA	99% ^{*2} DEACTIVATION
VIRUSES	99% ^{*3} DEACTIVATION
MOULD	GROWTH INHIBITION ^{*4}



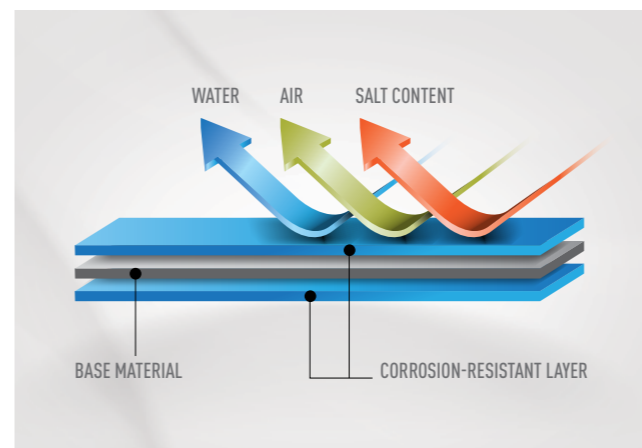
Quiet Operation

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 +46°C outside, which is perfect for Australia's hot summer days. The heating operation is designed to operate even when it's a freezing -15°C 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.

Convenient Centralised Solutions

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.
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The Smarter Way to Bring Convenience to Your Living Space



Living Room

Bedroom

Study Room

and Businesses



Lounges

Spa

Education Centre

Restaurants

Smartify Your Air

Applicable for Residential Properties and Premises

Smart Control

Controls Multiple AC Units in 1 Location

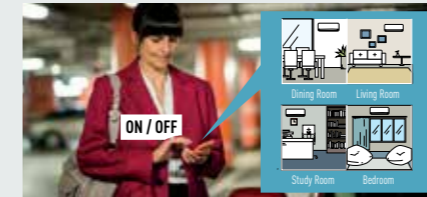


Controls Multiple Units in Multiple Locations



Smart Comfort

Remotely Access AC Features



Pre-cool Spaces

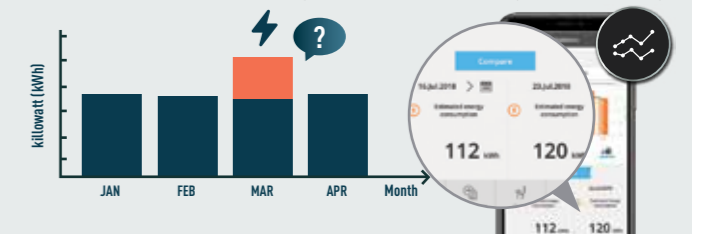


Smart Efficiency

Analyse Energy Usage Patterns

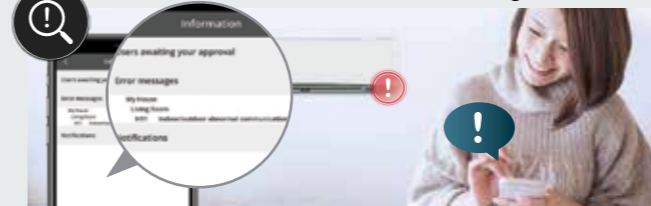


Compare Historical Usage for Better Budget Planning



Smart Assist

Effortless Troubleshooting



Assign Other Users While You Are Away



Compatible Device and Browsers

- iOS 9.0 or above
- 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.

*Wireless LAN Remote Control for Internet Connection required optional network adaptor.
*Indoor temperature display and some special function are not available through the App for all models.
*Indoor image displayed may not match with actual unit.



SINGLE SPLIT SYSTEM

Specifications

		Ultra Slim Ducted			
Capacity		2.6KW	3.7KW	5.0KW	5.6KW
model Name	Indoor Unit	CS-Z25UD3RAW	CS-Z35UD3RAW	CS-Z50UD3RAW	CS-Z60UD3RAW
	Outdoor Unit	CU-Z25UBRA	CU-Z35UBRA	CU-Z50UBRA	CU-Z60UBRA
Cooling capacity :	kW	2.60 (0.85 - 3.20)	3.70 (0.85 - 4.00)	5.00 (0.90 - 5.70)	5.60 (0.90 - 6.50)
	Heating capacity	3.30 (0.85 - 4.90)	4.20 (0.85 - 5.60)	6.10 (0.90 - 7.20)	7.00 (0.90 - 8.00)
Cooling capacity :	BTU/h	8,870 (2,900 - 10,900)	12,600 (2,900 - 13,600)	17,100 (3,070 - 19,400)	19,100 (3,070 - 22,200)
	Heating capacity	11,300 (2,900 - 16,700)	14,300 (2,900 - 19,100)	20,800 (3,070 - 24,600)	23,900 (3,070 - 27,300)
EER : COP	W/W	4.48 : 4.23	3.85 : 4.08	3.57 : 3.63	3.29 : 3.24
Power input (min - max)	Cooling : Heating	0.58 (0.24 - 0.85) : 0.78 (0.23 - 1.25)	0.96 (0.24 - 1.12) : 1.03 (0.23 - 1.57)	1.40 (0.26 - 1.78) : 1.68 (0.26 - 2.20)	1.70 (0.26 - 2.30) : 2.16 (0.26 - 2.60)
Indoor Unit					
Power source	Phase/Hz	1 Phase/ 50Hz	1 Phase/ 50Hz	1 Phase/ 50Hz	1 Phase/ 50Hz
	V	230V 240V	230V 240V	230V 240V	230V 240V
Current	Cooling : Heating	2.80 : 3.50 2.70 : 3.40	4.30 : 4.70 4.20 : 4.50	6.30 : 7.40 6.10 : 7.20	7.50 : 9.50 7.30 : 9.30
Dimensions	H x W x D	200 x 750 x 640	200 x 750 x 640	200 x 750 x 640	200 x 750 x 640
Net weight	kg	19	19	19	19
Air volume	Cooling : Heating	175 : 175	187 : 187	255 : 255	262 : 262
Sound pressure level (H/M/L)	Cooling : Heating	33 / 27 / 24 : 34 / 27 / 24	33 / 26 / 23 : 35 / 27 / 24	39 / 29 / 26 : 39 / 30 / 27	41 / 30 / 27 : 41 / 32 / 29
Sound power level (H/M/L)	Cooling : Heating	49 / 43 / 40 : 50 / 43 / 40	49 / 42 / 39 : 51 / 43 / 40	55 / 45 / 42 : 55 / 46 / 43	57 / 46 / 43 : 57 / 48 / 45
Outdoor Unit					
Power source	Phase/Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz
	V	230V 240V	230V 240V	230V 240V	230V 240V
Dimensions	H x W x D	542 x 780 x 289	619 x 824 x 299	695 x 875 x 320	695 x 875 x 320
Net weight	kg	33	35	42	43
Piping connections	Liquid / Gas	Ø6.35 / Ø9.52	Ø6.35 / Ø9.52	Ø6.35 / Ø12.70	Ø6.35 / Ø12.70
Pipe length	min. - max.	3 - 20	3 - 20	3 - 30	3 - 30
Elevation difference	m	15	15	20	20
Operation ranges	Cooling : Heating	-10 ~ +46 : -15 ~ +24	-10 ~ +46 : -15 ~ +24	-10 ~ +46 : -15 ~ +24	-10 ~ +46 : -15 ~ +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

Ultra Slim Ducted



Model No	CS-Z25UD3RAW	CS-Z35UD3RAW	CS-Z50UD3RAW	CS-Z60UD3RAW
Cooling Capacity	2.6kW	3.7kW	5.0kW	5.6kW

- WLAN or Voice Control Possible (CZ-TACG1 is required)*
 - Market-leading Energy Efficiency
 - Only 200mm High
 - Rear or Bottom Return Air Options
 - Built-in Drain Pump
 - -15°C to +46°C Operating Range
- * Please refer page 6 for details of WLAN or Voice control.
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Outdoor



CU-Z25UBRA CU-Z35UBRA CU-Z50UBRA
CU-Z60UBRA



Specifications

		Mini Cassette			
Capacity		2.5KW	3.5KW	4.8KW	5.7KW
model Name	Indoor Unit	CS-Z25UB4RAW	CS-Z35UB4RAW	CS-Z50UB4RAW	CS-Z60UB4RAW
	Outdoor Unit	CU-Z25UBRA	CU-Z35UBRA	CU-Z50UBRA	CU-Z60UBRA
Cooling capacity :	kW	2.50 (0.85 - 3.20)	3.50 (0.85 - 4.00)	4.80 (0.90 - 5.70)	5.70 (0.90 - 6.35)
	Heating capacity	3.20 (0.85 - 4.80)	4.00 (0.85 - 5.40)	5.00 (0.90 - 7.10)	6.00 (0.90 - 8.00)
	BTU/h	8,530 (2,900 - 10,900)	11,900 (2,900 - 13,600)	16,400 (3,070 - 19,400)	19,400 (3,070 - 21,700)
		10,900 (2,900 - 16,400)	13,600 (2,900 - 18,400)	17,100 (3,070 - 24,200)	20,500 (3,070 - 27,300)
EER : COP	W/W	4.55 : 4.16	3.89 : 3.92	3.38 : 3.38	3.29 : 3.30
Power input (min - max)	Cooling : Heating	0.55 (0.24 - 0.82) : 0.77 (0.23 - 1.32)	0.90 (0.24 - 1.18) : 1.02 (0.23 - 1.65)	1.42 (0.26 - 1.84) : 1.48 (0.26 - 2.41)	1.73 (0.26 - 2.20) : 1.82 (0.26 - 2.75)
Indoor Unit					
Power source	Phase/Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz
	V	230V 240V	230V 240V	230V 240V	230V 240V
Current	Cooling : Heating	2.60 : 3.50 2.50 : 3.40	4.05 : 4.55 3.95 : 4.35	6.30 : 6.50 6.10 : 6.30	7.60 : 8.00 7.40 : 7.80
Dimensions	H x W x D	260 x 575 x 575	260 x 575 x 575	260 x 575 x 575	260 x 575 x 575
Net weight	kg	18	18	18	18
Air volume	Cooling : Heating	175 : 180	175 : 195	192 : 197	237 : 253
Sound pressure level (H/M/L)	Cooling : Heating	34 / 25 / 22 : 35 / 28 / 25	34 / 26 / 23 : 37 / 28 / 25	38 / 28 / 25 : 39 / 29 / 26	43 / 32 / 29 : 45 / 32 / 29
Sound power level (H/M/L)	Cooling : Heating	50 / 41 / 38 : 51 / 44 / 41	50 / 42 / 39 : 53 / 44 / 41	54 / 44 / 41 : 55 / 45 / 42	59 / 48 / 45 : 61 / 48 / 45
Outdoor Unit					
Power source	Phase/Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz
	V	230V 240V	230V 240V	230V 240V	230V 240V
Dimensions	H x W x D	542 x 780 x 289	619 x 824 x 299	695 x 875 x 320	695 x 875 x 320
Net weight	kg	33	35	42	43
Piping connections	Liquid / Gas	Ø6.35 / Ø9.52	Ø6.35 / Ø9.52	Ø6.35 / Ø12.70	Ø6.35 / Ø12.70
Pipe length	min. - max.	3 - 20	3 - 20	3 - 30	3 - 30
Elevation difference	m	15	15	20	20
Operation ranges	Cooling : Heating	-10 ~ +46 : -15 ~ +24	-10 ~ +46 : -15 ~ +24	-10 ~ +46 : -15 ~ +24	-10 ~ +46 : -15 ~ +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

4-Way Mini Cassette



Model No	CS-Z25UB4RAW	CS-Z35UB4RAW	CS-Z50UB4RAW	CS-Z60UB4RAW
Cooling Capacity	2.5kW	3.5kW	4.8kW	5.7kW

- WLAN or Voice Control Possible (CZ-TACG1 is required)*
- Market-leading Energy Efficiency
- Compact Design (260mm High)
- Easy Installation
- Built-in Drain Pump
- -15°C to +46°C Operating Range

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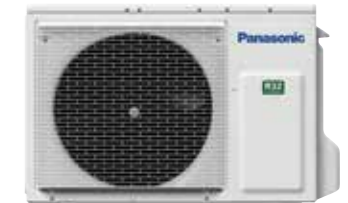
Outdoor



CU-Z25UBRA



CU-Z35UBRA



CU-Z50UBRA
CU-Z60UBRA

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.



Compact and lightweight design to fit every building type

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



Wall-Mounted



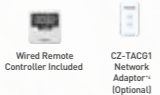
Model shown 2.0kW - 4.2kW



Model No	CS-MRZ20VKR	CS-RZ25VKRW	CS-RZ35VKRW	CS-RZ42VKRW
Capacity	2.0kW	2.5kW	3.5kW	4.2kW**

Model No	CS-RZ50VKRW	CS-RZ60VKRW	CS-RZ71VKRW
Capacity	5.0kW**	6.0kW**	7.1kW***

Ultra Slim Ducted



Model No	CS-Z25UD3RAW	CS-Z35UD3RAW	CS-Z50UD3RAW	CS-Z60UD3RAW
Capacity	2.5kW	3.5kW	5.0kW**	6.0kW**

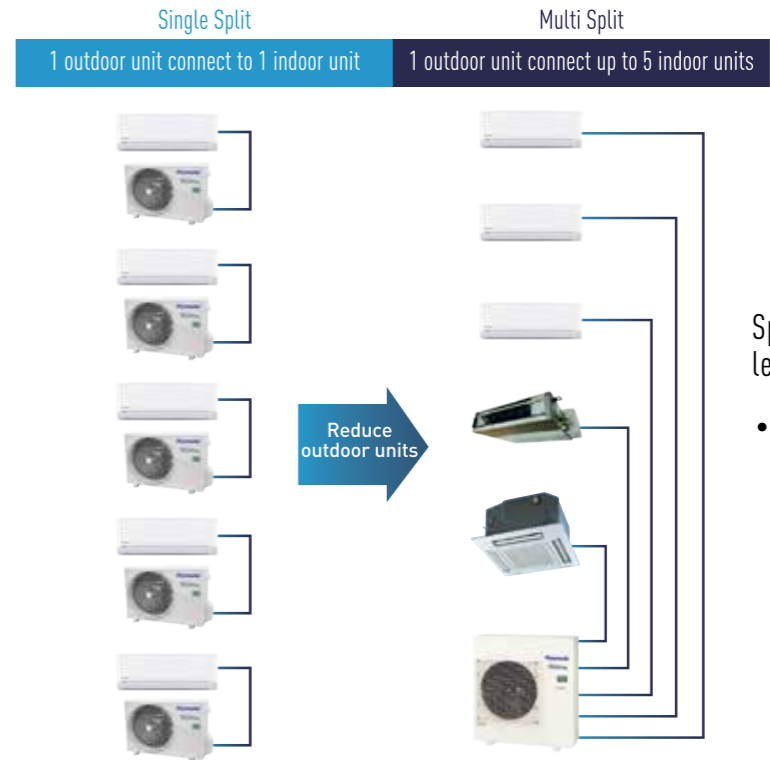
4-Way Mini Cassette



Model No	CS-Z25UB4RAW	CS-Z35UB4RAW	CS-Z50UB4RAW	CS-Z60UB4RAW
Capacity	2.5kW	3.5kW	5.0kW**	6.0kW**

** CZ-MA1P is to be used to reduce the connection size on the indoor unit from 1/2" to 3/8".
 ** 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".
 * CZ-TAC01 Network Adaptor required per indoor 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.
 Indoor temperature display and some special functions are not available through the App for all models.

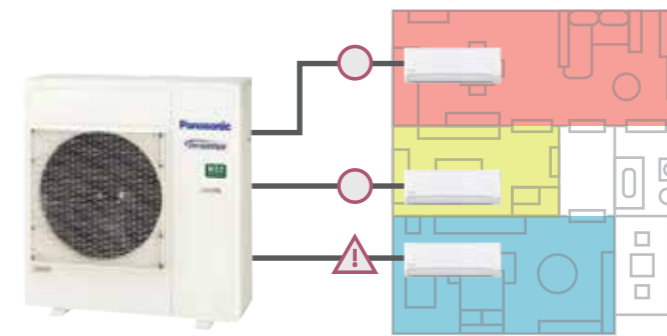
Space Saving



Space-saving installation with less outdoor units required

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

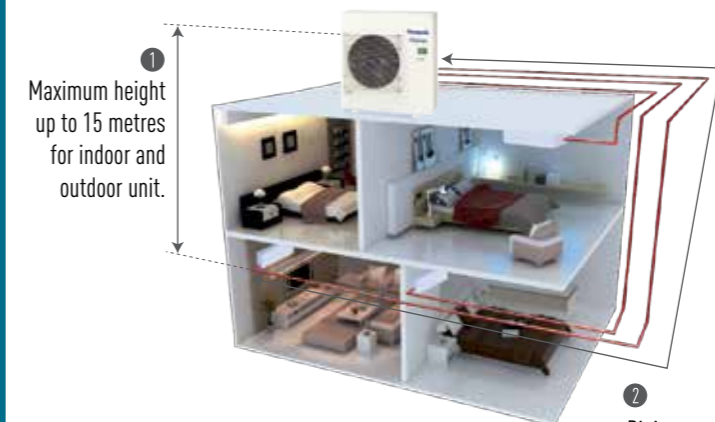
Independent Operation Control



Outdoor unit connects to each indoor unit independently

- Independent operation settings for each indoor unit. If one indoor unit is malfunctioned, other indoor units still can continue to operate to provide cooling or heating comfort.

Flexible Installation



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.

Specifications

Models	Indoor Units: Possible Combination Patterns Must be within capacity range	Indoor Units Combination Range	Refrigerant Pipe Diameter			Pipe Extension					Indoor Unit Combinations			
			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	Cassette (4-Way)	Ultra Slim Ducted
CU-2Z52VBR 5.2kW *4 Dimensions (HxWxD): 619 x 824(+70) x 299 mm Weight: 39 kg		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	•		
			Room B	ø 6.35	ø 9.52						2.5	•	•	•
CU-3Z54VBR 5.4kW *4 Dimensions (HxWxD): 795 x 875(+95) x 320 mm Weight: 71 kg		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	•		
			Room B	ø 6.35	ø 9.52						2.5	•	•	•
			Room C	ø 6.35	ø 9.52						3.5	•	•	•
CU-4Z71VBR 7.1kW *4 Dimensions (HxWxD): 795 x 875(+95) x 320 mm Weight: 72 kg		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	•		
			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	•	•	•

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

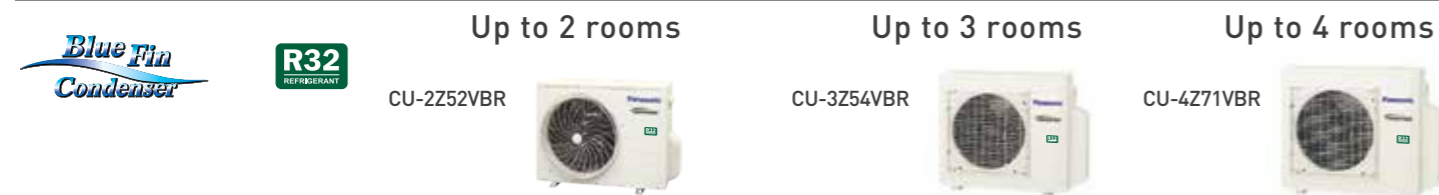
Specifications

Models	Indoor Units: Possible Combination Patterns Must be within capacity range	Indoor Units Combination Range	Refrigerant Pipe Diameter			Pipe Extension					Indoor Unit Combinations			
			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	Cassette (4-Way)	Ultra Slim Ducted
CU-4Z80VBR 8.0kW *4 Dimensions (HxWxD): 999 x 940 x 340 mm Weight: 80 kg		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	•		
			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	•	•	•
CU-5Z100VBR 10.0kW *4 Dimensions (HxWxD): 999 x 940 x 340 mm Weight: 81 kg		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	•		
			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	•	•	•

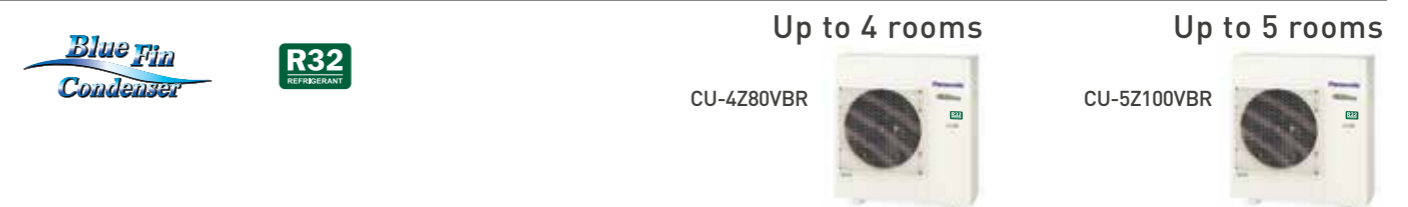
*4 To enable demand response management, an optional accessory needs to be installed (CZ-CAP2)

Accessories				
CZ-MA1P *1 CZ-MA1P is to be used to reduce the connection size on the indoor unit from 1/2" to 3/8".	CZ-MA2P *2 CZ-MA2P is to be used to increase the connection size on the outdoor unit from 3/8" to 1/2".	CZ-MA3P *3 CZ-MA3P 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.	CZ-TACG1 *5 Network Adaptor (Optional)

Outdoor



Outdoor



Indoor units

Model		Wall-Mounted						Cooling Heating
		CS-MR20VKR	CS-RZ25VKRW	CS-RZ35VKRW	CS-RZ42VKRW	CS-RZ50VKRW	CS-RZ60VKRW	
Capacity	kW	2.0	2.5	3.5	4.2	5.0	6.0	7.1
Power Source		Single Phase 240V, 50Hz						
Noise (H/L)	Cooling	42/27	42/27	46/28	47/33	46/36	48/38	51/39
	Heating	42/29	42/29	46/31	46/37	46/35	48/38	51/39
Noise (H)	Cooling	58/43	58/43	62/44	63/49	62/52	64/54	67/55
	Heating	58/45	58/45	62/47	62/53	62/51	64/54	67/55
Airflow	Cooling/Heating	190/198	190/193	195/213	198/213	332/338	353/353	385/395
Dimensions	Height	290	290	290	290	302	302	302
	Width	799	799	799	799	1,102	1,102	1,102
	Depth	197	197	197	197	244	244	244
Net Weight	kg	8	8	8	8	12	13	13
Refrigerant Pipe Diameter	Liquid Side	ø 6.35	ø 6.35	ø 6.35	ø 6.35	ø 6.35	ø 6.35	ø 6.35
	Gas Side	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

Model		Ultra Slim Ducted				4-Way Mini Cassette				Cooling Heating
		CS-Z25UD3RAW	CS-Z35UD3RAW	CS-Z50UD3RAW	CS-Z60UD3RAW	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								
Noise (H/L)	Cooling	35/29	35/28	41/31	43/32	36/27	36/28	40/30	45/34	
	Heating	36/29	37/29	41/32	43/34	37/30	39/30	41/31	47/34	
Noise (H)	Cooling	51	51	57	59	52	52	56	61	
	Heating	52	53	57	59	53	55	57	63	
Airflow	Cooling/Heating	175/175	187/187	255/255	262/262	175/180	175/195	192/197	237/253	
Dimensions	Height	200	200	200	200	260	260	260	260	
	Width	750	750	750	750	575	575	575	575	
	Depth	640	640	640	640	575	575	575	575	
Net Weight	kg	19	19	19	19	18	18	18	18	
Refrigerant Pipe Diameter	Liquid Side	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	ø 9.52	ø 9.52	ø 9.52*1	ø 12.70*2	ø 9.52	ø 9.52	ø 9.52*1	ø 12.70*2	

*1 CZ-MA1P is to be used to reduce the connection size on the indoor unit from 1/2" to 3/8".
 *2 CZ-MA2P is to be used to increase the connection size on the outdoor unit from 3/8" to 1/2".
 *3 CZ-MA3P is to be used to reduce the connection size on the indoor unit from 3/8" to 1/2".

Outdoor Units

Model		(50Hz)	CU-2Z52VBR	CU-3Z54VBR	CU-4Z71VBR	CU-4Z80VBR	CU-5Z100VBR	Cooling Heating
Indoor Units Combination			2.50kW + 2.50kW	1.60kW + 1.60kW + 2.00kW	1.60kW + 1.60kW + 1.60kW + 2.00kW	2.00kW + 2.00kW + 2.00kW + 2.00kW	2.00kW + 2.00kW + 2.00kW + 2.00kW	
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	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	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	Degree [°C]	-10~+46	-10~+46	-10~+46	-10~+46	-10~+46	
	Heating	Degree [°C]	-15~+24*1	-15~+24*1	-15~+24*1	-15~+24*1	-15~+24*1	

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

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