Panasonic

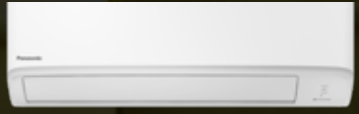
AIR CONDITIONING

COOLING | HEATING

AIR PURIFICATION

R32 REFRIGERANT

nanoe™X



Z SERIES PREMIUM
REVERSE CYCLE INVERTER

QUALITY AIR FOR LIFE

Quality Air For Life

We care about the food we eat, and the water that we drink; but what about the air that we breathe?

Indoor Air Quality (IAQ) is an increasingly prevalent concern in a world faced with rising levels of pollution, temperatures and climate change. At Panasonic, we're committed to delivering more than just cooling and heating solutions, we consistently strive to help you make positive choices, bringing you Quality Air for Life.

CLASS LEADING FEATURES

QUALITY AIR FOR LIFE

The Panasonic nanoe™X air purification have the capacity to inhibit pollutants, mould, viruses and bacteria to clean and deodorise your indoor air, ensuring quality air for life.

BUILT IN WI-FI

Control your air in more ways with Panasonic air conditioning's connectivity. With Built in Wi-Fi as standard and the option to use Voice control.

Refer to page 5 for terms and conditions.Google is a trademark of Google LLC.
Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

24 HOURS AIR PURIFICATION

Purify your air 24 hours a day at only 35W/Hour*. Whether you're at home or away, nanoe™X leaves you with cleaner and more comfortable spaces.

*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.

CONTROL, COMFORT, 5 YEAR WARRANTY

Featuring leading technologies that provide shower/fast cooling, quiet operation and energy efficiency; your control, comfort, and reassurance are accounted for.

AIR PURIFICATION

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

AIR CONNECTIVITY

A SMARTER WAY TO CONTROL YOUR AIR

The Panasonic Comfort Cloud App delivers convenient control, connectivity and comfort. Seamlessly adjust temperature, monitor energy consumption, change modes and set timers all from just one mobile device.

SMART CONTROL: Control, monitor and analyse up to 200 units in multiple locations from just one device.
SMART COMFORT: Control your comfort 24 hours a day with remote AC access features, air purification functionality and much more.
SMART EFFICIENCY: Analyse and compare energy consumption, improving energy efficiency and cost effectiveness.
SMART ASSIST: Monitor and manage air conditioner troubleshooting effortlessly whilst assigning user control permissions.

INTUITIVE VOICE CONTROL

works with Hey Google

works with alexa

Introducing intuitive voice control with Google Assistant and Amazon Alexa control compatibility. Using your existing Google assistant or Alexa devices you can control your air conditioner with just your voice.

* 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 an 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.
* 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.

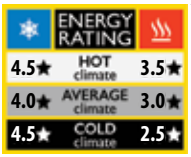
PRODUCT LINE-UP

WALL MOUNTED PREMIUM REVERSE CYCLE INVERTER Single-Split Type

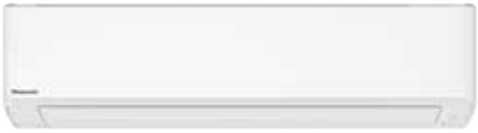
CS-Z25XKRW | CS-Z35XKRW | CS-Z42XKRW | CS-Z50XKRW

Wireless
(Standard)

Wired
CZ-RD514C
(Optional)



*Star rating : CS-Z35XKRW
(Residential)



CS-Z60XKRW | CS-Z71XKRW | CS-Z80XKR

nanoeX | BUILT-IN | iAuto X INTELLIGENT . DYNAMIC . COOL. | AEROWINGS | INVERTER | ECO+A.I.

SPECIFICATIONS

MODEL	INDOOR UNIT (240V / 1 Phase / 50Hz) / OUTDOOR UNIT		CS-Z25XKRW [CU-Z25XKR]	CS-Z35XKRW [CU-Z35XKR]	CS-Z42XKRW [CU-Z42XKR]	CS-Z50XKRW [CU-Z50XKR]	CS-Z60XKRW [CU-Z60XKR]	CS-Z71XKRW [CU-Z71XKR]	CS-Z80XKR [CU-Z80XKR]
Cooling / Heating Capacity	(min-max)	kW	2.50 [0.95-3.70] 3.00 [0.90-4.40]	3.50 [1.00-4.20] 4.00 [0.90-5.70]	4.20 [1.15-5.10] 5.10 [0.90-6.80]	5.00 [1.15-6.10] 6.00 [0.98-7.70]	6.00 [1.25-6.90] 6.50 [0.98-8.20]	7.10 [1.70-8.50] 8.00 [1.70-10.60]	8.00 [2.30-9.00] 9.00 [2.20-11.60]
	(min-max)	Btu/h	8,530 [3,240-12,600] 10,900 [3,070-15,000]	11,900 [3,410-14,300] 13,600 [3,070-19,400]	14,300 [3,920-17,400] 17,400 [3,070-23,200]	17,100 [3,920-20,800] 20,500 [3,340-26,300]	20,500 [4,260-23,500] 22,200 [3,340-28,000]	24,200 [5,800-29,000] 27,300 [5,800-36,100]	27,300 [7,840-30,700] 30,700 [7,500-39,600]
Air Flow	Indoor	L/s	188/200	193/202	193/202	208/228	328/339	352/367	367/377
Dehumid		L/h	1.5	2.0	2.4	2.8	3.3	4.1	4.7
Electrical Data	Running Current	A	2.50/3.20	3.50/3.80	5.00/5.70	6.50/7.30	7.90/8.00	8.80/8.90	11.30/11.40
	Max Current	A	6.4	7.2	8.9	11.0	11.6	14.8	15.8
	Power Input (min-max)	kW	0.57 (0.22-1.20) 0.73 (0.19-1.29)	0.80 (0.22-1.29) 0.86 (0.19-1.65)	1.18 (0.24-1.64) 1.36 (0.20-2.04)	1.51 (0.24-2.10) 1.72 (0.26-2.50)	1.85 (0.35-2.20) 1.89 (0.26-2.64)	2.06 (0.45-2.90) 2.09 (0.40-3.30)	2.44 (0.46-3.10) 2.46 (0.44-3.60)
AEER / EER ACOP / COP		W/W W/W	4.32/4.39 4.63/4.69	4.33/4.38 4.61/4.65	3.53/3.56 3.73/3.75	3.29/3.31 3.47/3.49	3.23/3.24 3.42/3.44	3.43/3.45 3.81/3.83	3.26/3.28 3.64/3.66
Star Rating	Hot Climate	Cooling Heating	4.0 3.5	4.5 3.5	3.5 3.0	3.5 3.0	3.5 3.5	3.5 2.5	3.5 2.5
	Average Climate	Cooling Heating	4.0 3.0	4.0 3.0	3.5 2.5	3.5 2.5	3.5 3.0	3.5 2.5	3.5 3.5
	Cold Climate	Cooling Heating	4.5 2.5	4.5 2.5	3.5 2.0	3.5 2.0	3.5 2.0	3.5 2.0	3.5 2.5
TCSPF & HSPF Residential/ Commercial	Hot Climate	TCSPF HSPF	6.46/7.53 5.12/5.11	6.49/7.36 5.41/5.41	5.46/6.08 4.77/4.78	5.45/6.29 4.65/4.66	5.40/6.19 5.41/5.45	5.37/6.04 5.15/5.16	5.30/5.95 5.02/5.01
	Average Climate	TCSPF HSPF	5.77/8.13 4.72/4.86	5.95/8.05 4.89/5.09	5.14/6.88 4.16/4.41	5.17/7.63 4.04/4.30	5.09/7.15 4.52/4.92	5.10/6.83 4.45/4.75	5.03/6.75 4.31/4.60
	Cold Climate	TCSPF HSPF	5.94/9.70 4.13/4.37	6.18/9.40 4.25/4.55	5.38/7.85 3.56/3.89	5.47/9.54 3.51/3.83	5.46/8.76 3.91/4.35	5.40/7.99 3.83/4.20	5.34/7.78 3.78/4.14
Noise Level — Sound Pressure Level*2 dB(A)		Indoor (H / L / Q-Lo)	40/25/19 42/27/21	44/26/19 44/29/22	44/31/28 44/32/28	44/34/28 44/33/29	47/36/33 48/36/33	49/37/34 49/37/34	51/38/35 50/38/35
		Outdoor (H / Q-Lo)	48/43 49/44	49/44 50/45	49/44 51/46	48/43 49/44	49/44 51/46	54/49 54/49	55/50 55/50
Noise Level — Sound Power Level dB(A)		Indoor (H / L / Q-Lo)	56/41/35 56/43/37	60/42/35 60/45/38	60/48/44 60/48/44	60/50/44 60/49/45	63/52/49 64/52/49	65/53/50 65/53/50	67/54/51 66/54/51
		Outdoor (H / Q-Lo)	63/58 64/59	64/59 65/60	64/59 66/61	63/58 64/59	64/59 66/61	68/63 68/63	69/64 69/64
Net Weight	Indoor (Outdoor)	kg	8 (25)	8 (30)	8 (32)	8 (35)	12 (35)	13 (45)	13 (60)
Dimensions	Indoor (H x W x D) Outdoor (H x W x D)	mm mm	290 x 779 x 209 542 x 780 x 289	290 x 779 x 209 542 x 780 x 289	290 x 779 x 209 619 x 824 x 299	290 x 779 x 209 619 x 824 x 299	295 x 1,040 x 244 619 x 824 x 299	295 x 1,040 x 244 619 x 875 x 320	295 x 1,040 x 244 795 x 875 x 320
Refrigerator Pipe Diameter	Liquid Side	mm/(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)
	Gas Side	mm/(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 12.70 (1/2)	ø 12.70 (1/2)	ø 12.70 (1/2)	ø 15.88 (5/8)	ø 15.88 (5/8)
Pipe Extension Length		min-max (m)	3~20	3~20	3~20	3~30	3~30	3~30	3~30
Maximum Elevation Length		m	15	15	15	15	15	20	20
Pipe Length For Additional Gas		m	7.5	7.5	7.5	10	10	10	10
Additional Gas Amount		g/m	10	10	10	15	15	25	25
Operating Range (Outdoor)	Cooling Heating	Degree °C	-10 ~ +46 -15 ~ +24	-10 ~ +46 -15 ~ +24	-10 ~ +46 -15 ~ +24	-10 ~ +46 -15 ~ +24	-10 ~ +46 -15 ~ +24	-10 ~ +46 -15 ~ +24	-10 ~ +46 -15 ~ +24

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

*2 Sound pressure level specification is measured according to JIS C9612.

All models have outdoor power supply and use R32 refrigerant.
All TCSPF and HSPF are two decimal rounding numbers.

Cooling ( ): Outdoor Unit EER: Cooling Efficiency
Heating COP: Heating Efficiency

SPECIFICATIONS & FEATURES

- Products in this brochure contain R32 refrigerant. Please refer to Panasonic's installation instructions and service manuals before installation and servicing this product.
- Only persons and/or companies qualified and experienced in the installation, service and repair of refrigerant products should be permitted to do so.
- The purchaser must ensure that the person and/or company who is to install, service or repair this air conditioner has qualifications and experience in refrigerant products.
- Suitable access for warranty and service is required.
- Future improvement, specifications, designs of product and availability are subject to change without notice. Please check with your dealer.
- All the specifications except star rating are based on average climate.

ALL CAPACITY AND ENERGY EFFICIENCY RATINGS ARE BASED ON AS/NZS3823.1.1

COOLING	Indoor temperature Outdoor temperature	27°C DB/19°C WB 35°C DB
HEATING	Indoor temperature Outdoor temperature	20°C DB 7°C DB / 6°C WB

Running current is at rated conditions (AS3823) and does not include compressor start-up or variations in power supply and load conditions.

FEATURES EXPLANATION

ENERGY SAVINGS

INVERTER CONTROL
Varies the rotation speed of the compressor for higher energy savings.

ECO MODE WITH A.I.
Auto-adjusts to the optimal ECO level based on heat load conditions and air conditioning cooling capacity.

COMFORT

iAUTO-X
Come home to ultra-fast cooling, and then enjoy continuous comfort Shower Cooling that evenly distributes cool air. Reactivate faster cooling with a second press of the iAUTO-X button.

POWERFUL MODE
Pressing the Powerful button cools or heats the room quickly. It provides fast comfort, with full power and a strong airflow. This is perfect for use immediately after coming home, or when unexpected guests arrive.

SLEEP MODE
Delays off timer with temperature control for better sleep.

AIRFLOW DIRECTION CONTROL (UP & DOWN)
Vertical airflow patterns can be controlled with operation by remote, even from a distance.
* Applicable to CS-Z25XKRW, CS-Z35XKRW, CS-Z42XKRW & CS-Z50XKRW

QUIET MODE
Enjoy the comfort of running your air conditioner at night for a relaxing sleep.

SOFT DRY OPERATION MODE
Starts with cooling to dehumidify, then provides continuous breeze at a low frequency to keep a room dry without much change to the temperature.

FAN MODE
Allows you to run the fan without any cooling or heating, thus giving just ventilation.

MANUAL HORIZONTAL AIRFLOW DIRECTION CONTROL
Horizontal airflow patterns can be manually adjusted.
* Applicable to CS-Z25XKRW, CS-Z35XKRW, CS-Z42XKRW & CS-Z50XKRW

PERSONAL AIRFLOW CREATION
Vertical and horizontal airflow patterns can be combined as desired to achieve optimum comfort, with operation possible by remote even from a distance.
* Applicable to CS-Z60XKRW, CS-Z71XKRW & CS-Z80XKR

HOT START CONTROL
On the start of the heating cycle and after the defrost cycle, the indoor fan will start up once the indoor heat exchanger is warm.

AUTO CHANGEOVER (INVERTER)
In Auto Mode the unit will select if heating or cooling is required.

CLEANER AIR

nanoe™X
nanoe™X effectively deodorises and inhibits various pollutants for a fresher and cleaner living space.

ODOUR-REMOVING FUNCTION
With this function, there's no unpleasant odour when the unit starts up. That's because the fan remains off momentarily, while the source of the odour inside the air conditioner is suppressed.

The unit must be in cool or dry mode and the fan speed must be set to automatic.

REMOVABLE, WASHABLE PANEL FILTER
Gives you easy access to the filter as well as making the unit easy to clean.

CONVENIENCE

24-HOUR DUAL ON & OFF REAL SETTING TIMER
This feature enables you to preset two different sets of start/stop operation timer (hour and minute) within a 24-hour time frame.

DEMAND RESPONSE ENABLING DEVICE (DRED)
Allows Electrical Utility Companies to regulate the power supply to the units if connected.

3RD PARTY CONNECTIVITY
Allows limited control from an external source when wired to do so.

LCD WIRELESS REMOTE CONTROL
Easy control of the unit from anywhere in the room.

WIRED REMOTE CONTROL
Control at the unit from fixed location where wired remote controller is installed.

WIRELESS LAN REMOTE CONTROL FOR INTERNET CONNECTION (BUILT-IN)
Control air conditioners remotely by turning your mobile device into a remote controller using internet connection.

RELIABILITY

RANDOM AUTO RESTART
When multiple units are connected and there is a power outage, they will turn on at different times in order to not spike the power supply.
(Random)

LONG PIPING
Long piping offers more flexible installation options.
20m: CS-Z25XKRW, CS-Z35XKRW & CS-Z42XKRW
30m: CS-Z50XKRW, CS-Z60XKRW, CS-Z71XKRW & CS-Z80XKR

BLUE FIN CONDENSER
Extra protection from the elements with a longer lasting coil.

SELF-DIAGNOSTIC FUNCTION
Should a malfunction occur, the unit diagnoses the problem and shows the corresponding alphanumeric code. This allows for quicker servicing.

TOP-PANEL MAINTENANCE ACCESS
Easy access for maintenance.

OUTDOOR UNITS

Blue Fin Condenser

R32 REFRIGERANT

DRED ready

CU-Z25XKR
CU-Z35XKR

CU-Z42XKR
CU-Z50XKR
CU-Z60XKR

CU-Z71XKR

CU-Z80XKR

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 October 2021.
- 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.

21RAC1001Z

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AIR CONDITIONING