

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



SPECIFICATIONS

MODEL	INDOOR UNIT (240V / 1 Phase / 50Hz)	CS-Z25XKRW	CS-Z35XKRW	CS-Z42XKRW	CS-Z50XKRW	CS-Z60XKRW	CS-Z71XKRW	CS-Z80XKR
	OUTDOOR UNIT	[CU-Z25XKR]	[CU-Z35XKR]	[CU-Z42XKR]	[CU-Z50XKR]	[CU-Z60XKR]	[CU-Z71XKR]	[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] 10,300 [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 [5,800-34,100]	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
	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
Electrical Data	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 [0.24-1.44] 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]
AEEER / EER ACOP / COP	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
	Hot Climate	Cooling 4.5 Heating 3.5	Cooling 4.5 Heating 3.5	Cooling 3.5 Heating 3.0	Cooling 3.5 Heating 3.0	Cooling 3.5 Heating 3.0	Cooling 3.5 Heating 3.0	Cooling 3.5 Heating 3.0
Star Rating	Average Climate	Cooling 4.0 Heating 3.0	Cooling 4.0 Heating 3.0	Cooling 3.5 Heating 2.5	Cooling 3.5 Heating 2.5	Cooling 3.5 Heating 3.0	Cooling 3.5 Heating 2.5	Cooling 3.5 Heating 2.5
	Cold Climate	Cooling 4.0 Heating 2.5	Cooling 4.5 Heating 2.5	Cooling 3.5 Heating 2.0	Cooling 3.5 Heating 2.0	Cooling 3.5 Heating 2.0	Cooling 3.5 Heating 2.0	Cooling 3.5 Heating 2.0
TCSPF & HSPF Residential/ Commercial	Hot Climate	TCSPF 6.46/7.53 HSPF 5.12/5.11	6.49/7.34 5.41/5.41	5.45/6.08 4.77/4.78	5.45/6.29 4.65/4.66	5.40/6.19 5.41/5.45	5.27/6.04 5.15/5.16	5.30/5.95 5.02/5.01
	Average Climate	TCSPF 5.77/8.13 HSPF 4.27/4.26	5.95/8.05 4.39/5.09	5.14/6.88 4.16/4.11	5.17/7.63 4.06/4.30	5.09/7.15 4.50/4.92	5.10/6.83 4.45/4.75	5.03/6.75 4.31/4.60
	Cold Climate	TCSPF 5.91/9.70 HSPF 4.13/4.37	4.18/4.40 4.25/4.55	3.38/7.85 3.54/3.89	3.47/9.54 3.51/3.83	5.44/8.76 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	44/24/19 44/29/22	44/31/28 44/32/28	44/34/28 44/33/29	47/34/23 48/34/23	49/37/24 49/37/24	51/38/25 50/38/25
	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
Sound Power Level dB(A)	Indoor [H / L / Q-Lo]	56/41/35 56/43/37	60/42/35 60/43/38	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] mm	290 x 779 x 209	290 x 779 x 209	290 x 779 x 209	290 x 779 x 209	295 x 1,040 x 244	295 x 1,040 x 244	295 x 1,040 x 244
	Outdoor [H x W x D] mm	542 x 780 x 289	562 x 780 x 289	619 x 824 x 299	619 x 824 x 299	619 x 824 x 299	695 x 875 x 320	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 Degree °C	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46
	Heating Degree °C	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-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 []: Outdoor Unit 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	27°C DB/19°C WB
	Outdoor temperature	35°C DB
HEATING	Indoor temperature	20°C DB
	Outdoor temperature	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.



QUIET MODE

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



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.



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.



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.



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.



SLEEP MODE

Delays off timer with temperature control for better sleep.



FAN MODE

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



AUTO CHANGEOVER (INVERTER)

In Auto Mode the unit will select if heating or cooling is required.



AIRFLOW DIRECTION CONTROL (UP & DOWN)

Vertical airflow patterns can be controlled with operation by remote, even from a distance.



MANUAL HORIZONTAL AIRFLOW DIRECTION CONTROL

Horizontal airflow patterns can be manually adjusted.



* Applicable to CS-Z25XKRW, CS-Z35XKRW, CS-Z42XKRW & CS-Z50XKRW

* Applicable to CS-Z25XKRW, CS-Z35XKRW, CS-Z42XKRW & CS-Z50XKRW

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.



REMOVABLE, WASHABLE PANEL FILTER

Gives you easy access to the filter as well as making the unit easy to clean.



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

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.



3RD PARTY CONNECTIVITY

Allows limited control from an external source when wired to do so.



WIRED REMOTE CONTROL

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



DEMAND RESPONSE ENABLING DEVICE (DRED)

Allows Electrical Utility Companies to regulate the power supply to the units if connected.



LCD WIRELESS REMOTE CONTROL

Easy control of the unit from anywhere in the room.



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.



BLUE FIN CONDENSER

Extra protection from the elements with a longer lasting coil.



TOP-PANEL MAINTENANCE ACCESS

Easy access for maintenance.



LONG PIPING

Long piping offers more flexible installation options.



SELF-DIAGNOSTIC FUNCTION

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



20m: CS-Z25XKRW, CS-Z35XKRW & CS-Z42XKRW
30m: CS-Z50XKRW, CS-Z60XKRW, CS-Z71XKRW & CS-Z80XKR

OUTDOOR UNITS



CU-Z25XKR
CU-Z35XKR



CU-Z42XKR
CU-Z50XKR
CU-Z60XKR



CU-Z71XKR



CU-Z80XKR