

WALL-MOUNTED : AERO SERIES STANDARD REVERSE CYCLE INVERTER Single -Split Type



CS-RZ25VKRW | CS-RZ35VKRW | CS-RZ42VKRW



CS-RZ50VKRW | CS-RZ60VKRW | CS-RZ71VKRW | CS-RZ80VKRW



Wireless Remote Controller



CZ-RD514C Wired Remoted Controller (Optional)



Network Adaptor*1 (Optional)



Wireless Remote Controller



CZ-RD514C Wired Remoted Controller (Optional)



Network Adaptor*1 (Optional)



SPECIFICATIONS

MODEL	[240V / 1 Phase / 50Hz]	CS-RZ25VKRW [CU-RZ25VKRW]	CS-RZ35VKRW [CU-RZ35VKRW]	CS-RZ42VKRW [CU-RZ42VKRW]	CS-RZ50VKRW [CU-RZ50VKRW]	CS-RZ60VKRW [CU-RZ60VKRW]	CS-RZ71VKRW [CU-RZ71VKRW]	CS-RZ80VKRW [CU-RZ80VKRW]
Cooling / Heating Capacity	(min-max) kW	2.50 [0.90-3.00] 3.00 [0.90-3.60]	3.50 [0.90-3.90] 3.70 [0.90-5.10]	4.30 [0.90-4.40] 5.10 [0.90-6.80]	5.00 [0.98-5.40] 6.00 [0.98-7.80]	6.00 [0.98-6.40] 6.50 [0.98-8.00]	7.10 [1.70-8.10] 7.50 [1.70-9.90]	8.00 [2.30-9.00] 9.00 [2.20-11.00]
	(min-max) Btu/h	8,530 [3,070-10,200] 10,200 [3,070-12,300]	11,900 [3,070-13,300] 12,600 [3,070-17,400]	14,300 [3,070-15,700] 17,400 [3,070-23,200]	17,100 [3,340-19,100] 19,800 [3,340-26,600]	20,500 [3,340-22,500] 22,200 [3,340-27,300]	24,200 [5,800-27,600] 25,600 [5,800-33,800]	27,300 [7,840-30,700] 30,700 [7,500-37,500]
Air Flow	Indoor L/s	180/185	195/213	198/213	332/339	352/352	369/400	385/400
Dehumidification	L/h	1.5	2.0	2.4	2.8	3.3	4.1	4.7
Electrical Data	Running Current A	2.60/2.90	3.70/3.70	5.10/5.90	6.70/6.80	8.00/8.20	9.70/8.80	11.50/12.30
	Power Input (min-max) kW	0.57 [0.20-0.89] 0.64 [0.19-1.04]	0.80 [0.20-1.19] 0.80 [0.19-1.42]	1.18 [0.25-1.64] 1.36 [0.20-2.04]	1.47 [0.28-1.73] 1.54 [0.26-2.30]	1.85 [0.28-2.20] 1.89 [0.26-2.44]	2.19 [0.45-2.67] 2.06 [0.40-2.85]	2.48 [0.44-2.98] 2.46 [0.50-3.30]
AEER / EER ACOP / COP	W/W	4.29/4.39 4.59/4.69	4.31/4.38 4.55/4.63	3.52/3.56 3.71/3.75	3.37/3.40 3.74/3.77	4.31/4.38 3.42/3.44	3.22/3.24 3.42/3.44	3.21/3.23 3.37/3.38
	W/W	4.0 4.5	4.0 4.5	2.5 2.5	2.5 2.5	1.5 2.0	1.5 2.5	1.5 2.0
Star Rating	Indoor (H / L / Q -Lo)	40/25/19 40/27/21	44/26/19 44/29/22	45/31/29 44/30/28	44/34/31 44/36/33	49/37/34 46/36/33	49/37/34 47/37/34	51/38/35 50/38/35
	Outdoor (H / Q -Lo)	48/- 49/-	49/- 50/-	49/- 51/-	48/43 49/44	49/44 51/44	52/47 54/47	55/50 52/50
	Indoor (H / L / Q -Lo)	54/41/35 54/43/37	60/42/35 60/45/38	61/47/45 60/51/44	60/50/47 60/49/45	62/52/49 62/52/49	65/53/50 65/53/50	67/54/51 66/54/51
	Outdoor (H / Q -Lo)	63/- 64/-	64/- 65/-	64/- 66/-	63/58 64/59	64/59 66/61	66/61 68/63	69/64 69/64
Net Weight	Indoor (Outdoor)	kg	8(27)	8(31)	8(32)	12(34)	13(36)	13(60)
	mm	290 x 799 x 197 542 x 780 x 289	290 x 799 x 197 542 x 780 x 289	290 x 799 x 197 619 x 824 x 299	302 x 1,102 x 244 619 x 824 x 299	302 x 1,102 x 244 619 x 824 x 299	302 x 1,102 x 344 695 x 875 x 320	302 x 1,102 x 244 795 x 875 x 320
Refrigerant 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)
	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)
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
Power Supply	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Operating Range (Outdoor)	Cooling 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
	Heating Degree °C	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24
Refrigerant Type		R32	R32	R32	R32	R32	R32	R32

*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.

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 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 More energy saving compared to the normal mode by automatically adjusting the set temperature by up to 2°C. It's ideal when you want to maintain room temperature for gentle cooling and heating.
COMFORT		
FAN MODE Allows you to run the fan without any cooling or heating, thus giving just ventilation.		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.
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.		MANUAL HORIZONTAL AIRFLOW DIRECTION CONTROL * CS-RZ25VKRW, CS-RZ35VKRW & CS-RZ42VKRW only
AUTO CHANGEOVER (INVERTER) In Auto Mode the unit will select if heating or cooling is required.		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. * CS-RZ50VKRW, CS-RZ60VKRW, CS-RZ71VKRW & CS-RZ80VKRW only
		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.
		QUIET MODE Enjoy the comfort of running your air conditioner at night and still have a relaxing sleep.
		AIRFLOW DIRECTION CONTROL (UP & DOWN) Vertical airflow patterns can be controlled with operation by remote, even from a distance. * CS-RZ25VKRW, CS-RZ35VKRW & CS-RZ42VKRW only
CLEAN & HEALTHY AIR		
ANTI-BACTERIAL FILTER The Anti-Bacterial Filter combines three effects in one: anti-allergen, anti-virus and anti-bacterial protection to provide clean air.		ODOUR-REMOVING FUNCTION With this function, there's no unpleasant odor 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 Gives you easy access to the filter as well 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.		3RD PARTY CONNECTIVITY Allows limited control from an external source when wired to do so. * 3RD PARTY CONNECTIVITY
		WIRED REMOTE CONTROL (OPTIONAL) For use in commercial applications, or where users don't want a remote control.
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 (OPTIONAL) Control air conditioners remotely by turning your mobile device into a remote controller using internet connection. * Network adaptor (CZ-TAC01) is required
RELIABILITY		
BLUE FIN CONDENSER Extra protection from the elements with a longer lasting coil.		TOP-PANEL MAINTENANCE ACCESS Easy access for maintenance.
		RANDOM AUTO RESTART When multiple units are connected and there is power outage, they will turn on at different times in order to not spike the power supply.
LONG PIPING Long piping offers more flexible installation options. *20m - CS-RZ25VKRW, CS-RZ35VKRW, CS-RZ42VKRW *30m - CS-RZ50VKRW, CS-RZ60VKRW, CS-RZ71VKRW, CS-RZ80VKRW		SELF-DIAGNOSTIC FUNCTION Should a malfunction occur, the unit diagnoses the problem and shows the corresponding alphanumeric code. This allows for quicker servicing.

OUTDOOR



CU-RZ25VKRW
CU-RZ35VKRW



CU-RZ42VKRW
CU-RZ50VKRW
CU-RZ60VKRW



CU-RZ71VKRW



CU-RZ80VKRW