

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



CS-RZ25WKRW | CS-RZ35WKRW | CS-RZ42WKRW | CS-RZ50WKRW



CS-RZ60VKRW-M | CS-RZ71VKRW-M | CS-RZ80VKRW-M



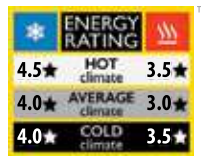
Wireless Remote Controller



CZ-RD514C Wired Remoted Controller (Optional)



CZ-TACG1 Network Adaptor\*1 (Optional)



\*Star rating: CS-RZ35WKRW (Residential)



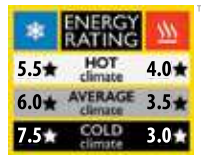
Wireless Remote Controller



CZ-RD514C Wired Remoted Controller (Optional)



CZ-TACG1 Network Adaptor\*1 (Optional)



\*Star rating: CS-RZ35WKRW (Commercial)

SPECIFICATIONS

MODEL		[240V / 1 Phase / 50Hz]	CS-RZ25WKR [CU-RZ25WKR]	CS-RZ35WKRW [CU-RZ35WKR]	CS-RZ42WKRW [CU-RZ42WKR]	CS-RZ50WKRW [CU-RZ50WKR]	CS-RZ60VKRW-M [CU-RZ60VKR]	CS-RZ71VKRW-M [CU-RZ71VKR]	CS-RZ80VKRW-M [CU-RZ80VKR]
Cooling / Heating Capacity	(min-max)	kW	2.50 [0.95-3.00] 3.00 [0.90-3.60]	3.50 [1.00-3.90] 3.70 [0.90-5.10]	4.20 [1.15-5.00] 5.10 [0.90-6.80]	5.00 [1.15-5.50] 5.80 [0.98-7.30]	6.00 [0.98-6.60] 6.50 [0.98-8.00]	7.10 [1.70-8.10] 7.50 [1.70-9.70]	8.00 [2.30-9.00] 9.00 [2.20-11.00]
	(min-max)	Btu/h	8,530 [3,240-10,200] 10,200 [3,070-12,300]	11,900 [3,410-13,300] 12,600 [3,070-17,400]	14,300 [3,920-17,100] 17,400 [3,070-23,200]	17,100 [3,920-18,800] 19,800 [3,340-25,600]	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 [17,500-37,500]
Air Flow	Indoor	L/s	184/191	193/202	193/202	208/219	352/352	369/400	385/400
Dehumid		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	5.20/5.90	6.50/7.30	8.00/8.20	9.70/8.80	11.50/12.30
	Max Current	A	5.0	6.5	9.1	10.5	11.6	14.8	15.4
	Power Input (min-max)	kW	0.57 [0.21-0.89] 0.64 [0.19-1.04]	0.80 [0.21-1.19] 0.80 [0.19-1.42]	1.18 [0.23-1.64] 1.36 [0.20-2.04]	1.51 [0.23-1.80] 1.70 [0.26-2.30]	1.85 [0.28-2.20] 1.89 [0.26-2.64]	2.19 [0.45-2.67] 2.06 [0.40-2.85]	2.48 [0.46-2.98] 2.66 [0.50-3.30]
Star Rating Residential/Commercial	Hot Climate	TCSPP	4.29/4.39	4.30/4.38	3.52/3.56	3.28/3.31	3.22/3.24	3.22/3.24	3.21/3.23
		HSPF	4.59/4.69	4.55/4.63	3.71/3.75	3.38/3.41	3.42/3.44	3.62/3.64	3.37/3.38
		Hot Climate	4.5/5.0	4.5/5.5	3.5/4.5	3.5/4.5	3.5/4.0	3.0/3.5	3.0/3.0
Average Climate	TCSPP	4.0/6.0	4.0/6.0	3.0/4.5	3.5/5.5	3.0/4.5	3.0/4.5	2.5/3.5	
	HSPF	3.0/3.0	3.5/3.5	2.5/2.5	2.5/2.5	2.5/2.5	2.5/2.5	2.0/2.5	
	Cold Climate	4.0/7.5	4.0/7.5	3.5/5.5	3.5/7.0	3.5/5.5	3.0/5.0	3.0/4.0	
Noise Level	Sound Pressure Level <sup>1,2</sup> dBA	Indoor (H / L / Q-Lo)	40/25/19	44/26/19	44/31/28	44/34/28	46/36/33	49/37/34	51/38/35
			40/27/21	44/29/22	44/33/28	44/33/28	46/36/33	49/37/34	50/38/35
		Outdoor (H / Q-Lo)	48/43	49/44	49/44	49/44	51/46	52/47	55/50
Sound Power Level dBA	Indoor (H / L / Q-Lo)	56/41/35	60/42/35	60/47/44	60/50/44	62/52/49	65/53/50	67/54/51	
		56/43/37	60/45/38	60/49/44	60/49/44	62/52/49	65/53/50	66/54/51	
	Outdoor (H / Q-Lo)	63/58	64/59	64/59	63/58	64/59	66/61	69/64	
			64/59	65/60	66/61	63/58	64/59	66/61	
Net Weight	Indoor (Outdoor)	kg	8(25)	8(31)	8(31)	8(36)	13(36)	13(50)	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	302 x 1,102 x 244	302 x 1,102 x 244	302 x 1,102 x 244
	Outdoor (H x W x D)	mm	542 x 780 x 289	542 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
Power Supply			Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
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
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.

Cooling [ ]: Outdoor Unit EER: Cooling Efficiency 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 (A53823) and does not include compressor start-up or variations in power supply and load conditions.

## FEATURES EXPLANATION

ENERGY SAVINGS				
<b>INVERTER CONTROL</b> Varies the rotation speed of the compressor for higher energy savings.		<b>ECO MODE</b> 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. <small>* Applicable to CS-RZ60VKRW-M, CS-RZ71VKRW-M &amp; CS-RZ80VKRW-M only</small>		<b>ECO MODE WITH A.I.</b> Auto-adjusts to the optimal ECO level based on heat load conditions and air conditioning cooling capacity. <small>* Applicable to CS-RZ25WKRW, CS-RZ35WKRW, CS-RZ42WKRW &amp; CS-RZ50WKRW only</small>
COMFORT				
<b>FAN MODE</b> Allows you to run the fan without any cooling or heating, thus giving just ventilation.		<b>HOT START CONTROL</b> 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.		<b>POWERFUL MODE</b> 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.
<b>SOFT DRY OPERATION MODE</b> Starts with cooling to dehumidify, then provides continuous breeze at a low frequency to keep a room dry without much change to the temperature.		<b>MANUAL HORIZONTAL AIRFLOW DIRECTION CONTROL</b> <small>* Applicable to CS-RZ25WKRW, CS-RZ35WKRW, CS-RZ42WKRW &amp; CS-RZ50WKRW only</small>		<b>QUIET MODE</b> Enjoy the comfort of running your air conditioner at night and still have a relaxing sleep.
<b>AUTO CHANGEOVER (INVERTER)</b> In Auto Mode the unit will select if heating or cooling is required.		<b>PERSONAL AIRFLOW CREATION</b> Vertical and horizontal airflow patterns can be combined as desired to achieve optimum comfort, with operation possible by remote, even from a distance. <small>* Applicable to CS-RZ60VKRW-M, CS-RZ71VKRW-M &amp; CS-RZ80VKRW-M only</small>		<b>AIRFLOW DIRECTION CONTROL (UP &amp; DOWN)</b> Vertical airflow patterns can be controlled with operation by remote, even from a distance. <small>* Applicable to CS-RZ25WKRW, CS-RZ35WKRW, CS-RZ42WKRW &amp; CS-RZ50WKRW only</small>
<b>SLEEP MODE</b> Delays off timer with temperature control for better sleep.				
CLEAN & HEALTHY AIR				
<b>ANTI-BACTERIAL FILTER</b> The Anti-Bacterial Filter combines three effects in one: anti-allergen, anti-virus and anti-bacterial protection to provide clean air.		<b>ODOUR-REMOVING FUNCTION</b> 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.		<b>REMOVABLE, WASHABLE PANEL</b> Gives you easy access to the filter as well making the unit easy to clean.
CONVENIENCE				
<b>24-HOUR DUAL ON &amp; OFF REAL SETTING TIMER</b> This feature enables you to preset two different sets of start/stop operation timer (hour and minute) within a 24-hour time frame.		<b>3RD PARTY CONNECTIVITY</b> Allows limited control from an external source when wired to do so.		<b>WIRED REMOTE CONTROL (OPTIONAL)</b> For use in commercial applications, or where users don't want a remote control.
<b>DEMAND RESPONSE ENABLING DEVICE (DRED)</b> Allows Electrical Utility Companies to regulate the power supply to the units if connected.		<b>LCD WIRELESS REMOTE CONTROL</b> Easy control of the unit from anywhere in the room.		<b>WIRELESS LAN REMOTE CONTROL FOR INTERNET CONNECTION (OPTIONAL)</b> Control air conditioners remotely by turning your mobile device into a remote controller using internet connection. <small>* Network adaptor (CZ-TACG1) is required</small>
RELIABILITY				
<b>BLUE FIN CONDENSER</b> Extra protection from the elements with a longer lasting coil.		<b>LONG PIPING</b> Long piping offers more flexible installation options. <small>*20m - CS-RZ25WKRW, CS-RZ35WKRW, CS-RZ42WKRW                      *30m - CS-RZ50WKRW, CS-RZ60VKRW-M, CS-RZ71VKRW-M, CS-RZ80VKRW-M</small>		<b>SELF-DIAGNOSTIC FUNCTION</b> Should a malfunction occur, the unit diagnoses the problem and shows the corresponding alphanumeric code. This allows for quicker servicing.
<b>RANDOM AUTO RESTART</b> 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.		<b>TOP-PANEL MAINTENANCE ACCESS</b> Easy access for maintenance.		

## OUTDOOR



CU-RZ25WKR  
CU-RZ35WKR



CU-RZ42WKR  
CU-RZ50WKR  
CU-RZ60WKR



CU-RZ71WKR



CU-RZ80WKR