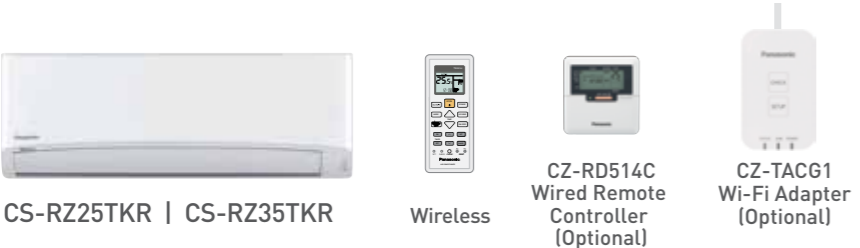


WALL-MOUNTED : AERO SERIES REVERSE CYCLE INVERTER (RZ SERIES)



CS-RZ50TKR | CS-RZ60TKR | CS-RZ71TKR | CS-RZ80TKR

SPECIFICATIONS

MODEL	[240V / 1 Phase / 50Hz]	CS-RZ25TKR [CU-RZ25TKR]	CS-RZ35TKR [CU-RZ35TKR]	CS-RZ50TKR [CU-RZ50TKR]	CS-RZ60TKR [CU-RZ60TKR]	CS-RZ71TKR [CU-RZ71TKR]	CS-RZ80TKR [CU-RZ80TKR]	
Cooling / Heating Capacity	(min-max) kW	2.50 [0.85~3.00] 3.00 [0.80~3.60]	3.50 [0.85~3.90] 3.70 [0.80~5.10]	5.00 [0.98~5.60] 5.80 [0.98~7.80]	6.00 [0.98~6.60] 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 [2,900~10,200] 10,200 [2,730~12,300]	11,900 [2,900~13,300] 12,600 [2,730~17,400]	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]	
Airflow	Indoor L/s	192/203	190/202	332/339	344/344	368/385	385/400	
Dehumid	L/h	1.5	2.0	2.8	3.3	4.1	4.7	
Electrical Data	Running Current A	3.10/3.40	4.25/4.20	6.70/6.80	8.00/8.20	9.70/8.80	11.50/12.30	
	Power Input kW	0.67 [0.25~0.89] 0.73 [0.195~1.04]	0.94 [0.255~1.19] 0.95 [0.20~1.42]	1.47 [0.285~1.73] 1.54 [0.34~2.30]	1.85 [0.285~2.20] 1.89 [0.38~2.64]	2.19 [0.43~2.67] 2.06 [0.38~2.85]	2.48 [0.46~2.98] 2.66 [0.50~3.30]	
AEER / EER ACOP / COP	W/W	3.67/3.73 4.05/4.11	3.67/3.72 3.85/3.89	3.37/3.40 3.74/3.77	3.22/3.24 3.42/3.44	3.22/3.24 3.62/3.64	3.21/3.23 3.37/3.38	
Star Rating		2.5 3.5	2.5 3.0	2.0 2.5	1.5 2.0	1.5 2.5	1.5 2.0	
	Noise	Sound Pressure Level ^{*1}	Indoor [Hi / L / Q-Lo] dB(A)	40/25/19 40/27/21	42/26/19 42/29/22	44/34/31 44/33/29	46/36/33 46/36/33	49/37/34 49/37/34
Outdoor [Hi / Q-Lo] dB(A)			48/- 49/-	48/- 50/-	48/43 49/44	49/44 51/46	52/47 54/49	55/50 55/50
Sound Power Level		Outdoor [Hi / Q-Lo] dB	63/- 64/-	63/- 65/-	63/58 64/59	64/59 66/61	66/61 68/63	69/64 69/64
Net Weight	Indoor [Outdoor] kg	8[31]	8[32]	12[35]	13[35]	13[50]	13[60]	
Dimensions	Indoor [H x W x D] mm	290 x 799 x 197	290 x 799 x 197	302 x 1102 x 244	302 x 1102 x 244	302 x 1102 x 244	302 x 1102 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	695 x 875 x 320	795 x 875 x 320	
Pipe Size	Liquid Side mm/(inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	
	Gas Side mm/(inch)	9.52 (3/8)	9.52 (3/8)	12.70 (1/2)	12.70 (1/2)	15.88 (5/8)	15.88 (5/8)	
Pipe Extension Length	Min ~ Max (m)	3~20	3~20	3~30	3~30	3~30	3~30	
Pipe Length For Additional Gas	m	7.5	7.5	10	10	10	10	
Additional Gas Amount	g/m	10	10	15	15	25	25	
Power Supply		Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	
Operating Range [Outdoor]	Cooling Heating Degree °C	+5~46 -15~24	+5~46 -15~24	+5~46 -15~24	+5~46 -15~24	+5~46 -15~24	+5~46 -15~24	
Refrigerant Type		R32	R32	R32	R32	R32	R32	

*1 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/NZS3823.2.

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.		

INDUSTRY-LEADING QUIET OPERATION

The Quiet Mode reduces operation noise to a quiet 19dB* for a more comfortable night's sleep.

* CS-RZ25TKR & CS-RZ35TKR only

19dB*

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 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

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

COMFORT

iAUTO-X

Come home to ultra-fast cooling, and then enjoy continuous comfort Shower Cooling that evenly distributes cool air.

FAN MODE

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

HOT START CONTROL

On the start of the heating cycle and after the defrost cycle, the indoor fan will start up when the indoor heat exchanger is warm.

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.

MANUAL HORIZONTAL AIRFLOW DIRECTION CONTROL

* CS/CU-RZ25TKR & CS/CU-RZ35TKR only

QUIET MODE

Enjoy the comfort of running your air conditioner at night and still have 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 control, even from a distance.

* CS/CU-RZ50TKR, CS/CU-RZ60TKR, CS/CU-RZ71TKR & CS/CU-RZ80TKR only

AUTO CHANGEOVER (INVERTER)

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

AIRFLOW DIRECTION CONTROL (UP & DOWN)

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

* CS/CU-RZ25TKR & CS/CU-RZ35TKR only

ENERGY SAVINGS

INVERTER CONTROL

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

ECONOMY MODE

Reduces energy consumption by up to 20%* 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.

* Panasonic figures at an outside temperature of DB 35°C/WB 24°C and set temperature of 25°C (cooling operation).

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 (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.

WI-FI READY (OPTIONAL)

Control and monitor your air conditioner anywhere, anytime. (CZ-TACG1 Wi-Fi Adapter is required).

RELIABILITY

BLUE FIN CONDENSER

Extra protection from the elements with a longer lasting coil.

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.

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.

TOP-PANEL MAINTENANCE ACCESS

Easy access for maintenance.

CU-RZ25TKR
CU-RZ35TKR

CU-RZ50TKR
CU-RZ60TKR

CU-RZ71TKR

CU-RZ80TKR

PANASONIC COMFORT CLOUD APP*

Control your air conditioner anywhere, anytime



*CZ-TACGA1 required

FEATURES:

- Multiple Unit Control
- Temperature Setting
- Mode Setting
- Energy Usage Analysis
- Alert Notification



Input/Voltage	DC12V
Power Consumption	Max 660mW
Size (H x W x D)	66mm x 36mm x 12mm
Weight	85g
Interface	1 x Wireless LAN
Wireless LAN Standard	IEEE 802.11 b/g/n
Frequency Range	2.4GHz Band
Encryption	WPA1-PSK (TKIP/AES)

*Functionality varies depending on models. Only available for TKR range.

CZ-TACG1 WI-FI ADAPTOR CONNECTION DIAGRAM:

Optional Network Adaptor
Only available for TKR range.



COMPATIBLE DEVICE AND BROWSERS:

1. Android 4.4 or above
2. IOS 9.0 or above

This is not a definitive list of all compatible devices, other similar devices which use supported Operating Systems should also work via dedicated Apps. Please note that user experience may vary slightly depending on hardware and software combination.



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.



Panasonic
Air Conditioning

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- Specifications are subject to change without prior notice for further improvement
- The contents of this catalogue are effective as of September 2018.
- 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.

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