

PRODUCT LINE-UP

WALL-MOUNTED : AERO SERIES ECONAVI REVERSE CYCLE INVERTER (Z SERIES)



CS-Z25TKR | CS-Z35TKR | CS-Z42TKR



Wireless



CZ-RD514C
Wired Remote
Controller (Optional)



CZ-TACG1
Wi-Fi Adapter
(Optional)



CS-Z50TKR | CS-Z60TKR | CS-Z71TKR | CS-Z80TKR

nanoe-G
Stand-alone Air Purification System



SPECIFICATIONS

MODEL		[240V / 1 Phase / 50Hz]	CS-Z25TKR	CS-Z35TKR	CS-Z42TKR	CS-Z50TKR	CS-Z60TKR	CS-Z71TKR	CS-Z80TKR
			[CU-Z25TKR]	[CU-Z35TKR]	[CU-Z42TKR]	[CU-Z50TKR]	[CU-Z60TKR]	[CU-Z71TKR]	[CU-Z80TKR]
Cooling / Heating Capacity	(min-max)	kW	2.50 [0.90-3.00] 3.20 [0.80-5.00]	3.50 [0.90-4.00] 4.30 [0.80-5.80]	4.20 [0.90-5.00] 5.10 [0.90-7.10]	5.00 [0.90-6.00] 6.00 [0.90-8.00]	6.00 [1.70-7.10] 7.20 [1.70-8.50]	7.10 [1.70-8.10] 8.00 [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] 10,900 [2,730-17,100]	11,900 [3,070-13,600] 14,700 [2,730-19,800]	14,300 [3,070-17,100] 17,400 [3,070-24,200]	17,100 [3,070-20,500] 20,500 [3,070-27,300]	20,500 [5,800-24,200] 24,600 [5,800-29,000]	24,200 [5,800-27,600] 27,300 [5,800-33,800]	27,300 [7,840-30,700] 30,700 [7,500-37,500]
Airflow	Indoor	L/s	200/205	207/210	222/222	335/325	340/340	355/355	370/370
Dehumid		L/h	1.5	2.0	2.4	2.8	3.3	4.1	4.7
Electrical Data	Running Current	A	2.30/2.90	3.65/4.40	4.70/5.90	5.10/5.80	7.00/7.80	8.60/9.20	10.90/11.30
	Power Input	kW	0.50 [0.21-0.75] 0.62 [0.175-1.30]	0.80 [0.21-1.06] 0.94 [0.175-1.56]	1.07 [0.215-1.60] 1.34 [0.245-2.25]	1.13 [0.23-2.05] 1.31 [0.26-2.65]	1.58 [0.44-2.20] 1.78 [0.40-2.50]	1.97 [0.43-2.48] 2.11 [0.38-3.00]	2.32 [0.46-2.82] 2.41 [0.50-3.30]
AEER / EER ACOP / COP	W/W	W/W	4.89/5.00 5.07/5.16	4.31/4.38 4.52/4.57	3.88/3.93 3.77/3.81	4.38/4.42 4.54/4.58	3.77/3.80 4.02/4.04	3.58/3.60 3.77/3.79	3.43/3.45 3.71/3.73
	Star Rating		5.0 5.5	4.0 4.5	3.0 3.0	4.0 4.5	3.0 3.5	2.5 3.0	2.0 2.5
Noise	Sound Pressure Level**1 dB(A)	Indoor (Hi / L / Q-Lo)	43/25/19 42/27/21	44/26/19 46/29/21	47/30/23 46/31/27	47/34/31 45/33/29	47/36/33 47/35/32	49/37/34 49/37/34	51/38/35 50/38/35
		Outdoor (Hi / Q-Lo)	47/- 47/-	49/- 50/-	47/42 47/42	48/43 48/43	53/48 53/48	54/49 54/49	55/50 55/50
	Sound Power Level dB	Outdoor (Hi / Q-Lo)	62/- 62/-	64/- 65/-	62/57 62/57	62/57 62/57	67/62 67/62	68/63 68/63	69/64 69/64
Net Weight	Indoor [Outdoor]	kg	10[32]	10[32]	10[43]	13[44]	13[50]	13[50]	13[60]
Dimensions	Indoor [H x W x D]	mm	295 x 919 x 194 542 x 780 x 289	295 x 919 x 194 542 x 780 x 289	295 x 919 x 194 695 x 875 x 320	302 x 1120 x 236 695 x 875 x 320	302 x 1120 x 236 695 x 875 x 320	302 x 1120 x 236 695 x 875 x 320	302 x 1120 x 236 795 x 875 x 320
	Outdoor [H x W x D]	mm							
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)	6.35 (1/4)
	Gas Side	mm/(inch)	9.52 (3/8)	9.52 (3/8)	12.70 (1/2)	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	3-30
Pipe Length For Additional Gas	m		7.5	7.5	7.5	10	10	10	10
Additional Gas Amount	g/m		10	10	15	15	15	25	25
Power Supply			Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Operating Range (Outdoor)	Cooling	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	+5-46 -15-24
	Heating								
Refrigerant Type			R32	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.

FEATURES EXPLANATION

CLEAN & HEALTHY AIR

nanoe-G (STAND-ALONE AIR PURIFICATION SYSTEM)

nanoe-G works effectively on airborne particles including PM2.5, adhesive and in-filter micro-organisms such as bacteria, viruses and mould ensuring a cleaner living environment.



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.



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.



MILD DRY COOLING

Fine control helps prevent a rapid decrease in room humidity while maintaining the set temperature.



FAN MODE

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



AUTO CHANGEOVER (INVERTER)

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



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 when the indoor heat exchanger is warm.



ENERGY SAVINGS

ECONAVI

Sensors detect opportunities to reduce waste for more energy savings.



TEMPERATURE WAVE

Rhythmic temperature-controlled pattern to save energy without sacrificing comfort.



INVERTER CONTROL

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



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.



OUTDOOR



CU-Z25TKR
CU-Z35TKR



CU-Z42TKR
CU-Z50TKR
CU-Z60TKR
CU-Z71TKR



CU-Z80TKR

PANASONIC SIZING WIZARD APP

Choose the right air conditioner easily



FEATURES:

- Product Selector
- Model Recommendation
- Model Specifications
- Product Feature Videos
- Where to Buy



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.



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.



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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- The contents of this catalogue are effective as of September 2018.
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