WALL-MOUNTED : AERO SERIES COOLING ONLY INVERTER (U SERIES)

CS-U25TKR | CS-U35TKR

Wireless
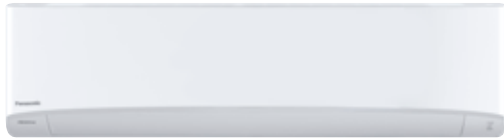
CZ-RD514C
Wired Remote
Controller
(Optional)

CZ-TACG1
Wi-Fi Adapter
(Optional)

CS-U50TKR | CS-U71TKR | CS-U80TKR

ANTI-BACTERIAL FILTER

DRED ready
DEMAND RESPONSE ENABLING DEVICE

SPECIFICATIONS

MODEL	(240V / 1 Phase / 50Hz)		CS-U25TKR [CU-U25TKR]	CS-U35TKR [CU-U35TKR]	CS-U50TKR [CU-U50TKR]	CS-U71TKR [CU-U71TKR]	CS-U80TKR [CU-U80TKR]
Cooling / Capacity	(min-max)	kW	2.50 (0.90~3.00)	3.50 (0.90~4.00)	5.00 (0.98~6.00)	7.10 (2.00~7.70)	8.00 (2.10~8.40)
	(min-max)	Btu/h	8,530 (3,070~10,200)	11,900 (3,070~13,600)	17,100 (3,340~20,500)	24,200 (6,820~26,300)	27,300 (7,160~28,600)
Airflow	Indoor	L/s	182	192	345	362	400
Dehumid		L/h	1.5	2.0	2.8	4.1	4.7
Electrical Data	Running Current	A	2.80	4.00	5.70	9.50	10.70
	Power Input	kW	0.60 (0.21~0.78)	0.87 (0.21~1.13)	1.29 (0.285~1.85)	2.15 (0.47~2.40)	2.46 (0.43~2.60)
AEER / EER		W/W	4.09/4.17	3.97/4.02	3.84/3.88	3.28/3.30	3.24/3.25
Star Rating			3.5	3.0	3.0	2.0	1.5
Noise — Sound Pressure Level[1] dB(A)	Indoor (Hi / L / Q-Lo)		42/25/19	43/26/19	47/34/31	49/38/35	52/38/35
	Outdoor (Hi / Q-Lo)		47/-	49/-	48/43	54/49	55/50
Sound Power Level dB	Outdoor (Hi / Q-Lo)		62/-	64/-	63/58	68/63	69/64
Net Weight	Indoor (Outdoor)	kg	8(28)	8(30)	12(34)	13(48)	13(49)
Dimensions	Indoor (H x W x D) Outdoor (H x W x D)	mm mm	290 x 799 x 197 542 x 780 x 289	290 x 799 x 197 542 x 780 x 289	302 x 1102 x 244 619 x 824 x 299	302 x 1102 x 244 695 x 875 x 320	302 x 1102 x 244 695 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)
	Gas Side	mm/(inch)	9.52 (3/8)	9.52 (3/8)	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
Pipe Length For Additional Gas		m	7.5	7.5	10	10	10
Additional Gas Amount		g/m	10	10	15	25	25
Power Supply			Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Operating Range (Outdoor)	Cooling Degree °C		+5~46	+5~46	+5~46	+5~46	+5~46
Refrigerant Type			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/NZS3823.1.1

COOLING	Indoor temperature Outdoor temperature	27°C DB/19°C WB 35°C DB

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

19dB*

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

* CS-U25TKR & CS-U35TKR 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 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.

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.

FAN MODE
Allows you to run the fan without cooling mode, thus giving only ventilation.

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.

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-U50TKR, CS/CU-U71TKR & CS/CU-U80TKR only

AIRFLOW DIRECTION CONTROL (UP & DOWN)
Vertical airflow patterns can be controlled with operation by remote control, even from a distance.

*CS/CU-U25TKR & CS/CU-U35TKR only

MANUAL HORIZONTAL AIRFLOW DIRECTION CONTROL
*CS/CU-U25TKR & CS/CU-U35TKR only

COMFORT

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.

*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.

DEMAND RESPONSE ENABLING DEVICE (DRED)
Allows Electrical Utility Companies to regulate the power supply to the units if connected.

3RD PARTY CONNECTIVITY
Allows limited control from an external source when wired to do so.

LCD WIRELESS REMOTE CONTROL
Easy control of the unit from anywhere in the room.

WIRED REMOTE CONTROL (OPTIONAL)
For use in commercial applications, or where users don't want a remote control.

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.

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.

LONG PIPING
Long piping offers more flexible installation options.

TOP-PANEL MAINTENANCE ACCESS
Easy access for maintenance.

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

OUTDOOR

Blue Fin Condenser

R32 REFRIGERANT

CU-U25TKR
CU-U35TKR

CU-U50TKR

CU-U71TKR
CU-U80TKR

PANASONIC SIZING WIZARD APP

Choose the right air conditioner easily

FEATURES:
Product Selector
Model Recommendation
Model Specifications
Product Feature Videos
Where to Buy

QUALITY AIR FOR LIFE

Air Conditioning Sizing Wizard

- Sizing Wizard
- Air Conditioning Features
- Where to Buy
- About

AERO SERIES | Panasonic Air Conditioning

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.

GET IT ON Google play

Available on the App Store

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.

HOME
Living Room
❄ Cool
25.5℃
SET

CZ-TACG1 WI-FI ADAPTOR CONNECTION DIAGRAM:
Optional Network Adaptor
Only available for TKR range.

CZ-TACG1 ▶ WLAN ▶ Router ▶ Internet

⚠ 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

www.panasonic.com.au

- 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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