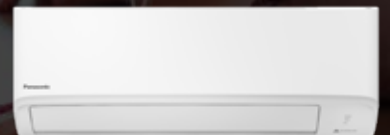# Panasonic

AIR CONDITIONING
COOLING | DEHUMIDIFICATION

R32 REFRIGERANT

U SERIES
COOLING ONLY INVERTER

QUALITY AIR FOR LIFE

CLASS LEADING FEATURES

QUALITY AIR FOR LIFE

QUALITY AIR FOR LIFE

At Panasonic, we're committed to delivering more than just cooling & heating solutions, we consistently strive to improve the quality of your air, so that you can improve the quality of your life.

MARKET LEADING CONNECTIVITY

Control your air in more ways with Panasonic air conditioning's market leading connectivity; now Google Assistant & Amazon Alexa compatible*.

Refer to page 5 for terms and conditions.
*Google is a trademark of Google LLC.
 Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

AEROWINGS

SUPERIOR AIRFLOW

Panasonic's air conditioners utilise AEROWINGS technology to deliver precise control of airflow direction, as well as powerful cooling, for a comfortable environment.

ANTI-BACTERIAL FILTER

5YR
WARRANTY

CONTROL, COMFORT & REASSURANCE

As well as a cool comfortable home, a Panasonic air conditioner provides the ultimate peace of mind with our Anti-Bacterial Filter, quiet operation, and our 5 year warranty.

A SMARTER WAY TO CONTROL YOUR AIR

The Panasonic Comfort Cloud App & WLAN Smart Adaptor deliver convenient control, connectivity and comfort. Seamlessly adjust temperature, monitor energy consumption, change modes, etc. all from just one mobile device*.

Now Google Assistant and Amazon Alexa Compatible*.

SMART Control
Control, monitor & analyse up to 200 units in multiple locations from just one device.

SMART Comfort
Control your comfort 24 hours a day with remote AC access features, air purification functionality and much more.

SMART Efficiency
Analyse and compare energy consumption, improving energy efficiency and cost effectiveness.

SMART Assist
Monitor & manage air conditioner troubleshooting effortlessly whilst assigning user control permissions.

INTUITIVE VOICE CONTROL

Introducing intuitive voice control with Google Assistant and Amazon Alexa control compatibility*. Using your existing Google assistant or Alexa devices, control your air conditioner with just your voice.

*CZ-TACG1 & updated firmware required.

works with Google Assistant

WORKS WITH alexa

Compatible Device and Browsers

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

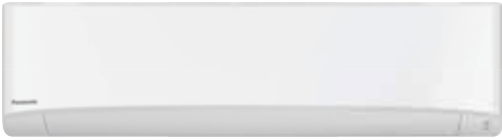Download on the App Store

GET IT ON Google Play

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

* CZ-TACG1 WLAN Adaptor required per unit. Requires an Internet connection and the App downloaded from the App Store or GooglePlay Store on your smartphone or tablet with the latest Operating System available. * To use Amazon Alexa to control your air conditioner, you will need an Amazon Echo device.
* To use Google Assistant to control your air conditioner, you will need an Google Assistant device.
* Google is a trademark of Google LLC. Amazon, Alexa and all related logos are trademarks of Amazon.com, or its affiliates.
* Wireless LAN Remote Control for Internet Connection required optional network adaptor.
* Indoor temperature display and some special function are not available through the App for all models.
* Indoor image displayed may not match with actual unit.

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WALL-MOUNTED : COOLING ONLY INVERTER Single -Split Type

CS-U25WKR | CS-U35WKR | CS-U50WKR
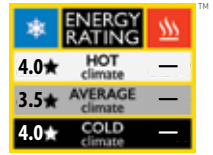
CS-U71TKR-M | CS-U80TKR-M

Wireless Remote Controller

CZ-RD514C Wired Remote Controller (Optional)

CZ-TACG1 Network Adaptor[*1] (Optional)

ENERGY RATING™

4.0★	HOT climate —
3.5★	AVERAGE climate —
4.0★	COLD climate —

*Star rating: CS-U50WKR (Residential)

SPECIFICATIONS

MODEL	(240V / 1 Phase / 50Hz)		CS-U25WKR [CU-U25WKR]	CS-U35WKR [CU-U35WKR]	CS-U50WKR [CU-U50WKR]	CS-U71TKR-M [CU-U71TKR]	CS-U80TKR-M [CU-U80TKR]
Cooling Capacity	(min-max)	kW	2.50 (0.90~3.00)	3.50 (0.90~4.00)	5.00 (1.15~5.80)	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 (3,920~19,800)	24,200 (6,820~26,300)	27,300 (7,160~28,600)
Air Flow	Indoor	L/s	208	217	230	362	400
Dehumid		L/h	1.5	2.0	2.8	4.1	4.7
Electrical Data	Running Current	A	2.70	3.90	6.00	9.50	10.70
	Max Current	A	5.0	6.4	10.3	14.6	14.7
	Power Input (min-max)	kW	0.60 (0.20~0.78)	0.87 (0.22~1.13)	1.36 (0.20~1.85)	2.15 (0.47~2.40)	2.46 (0.43~2.60)
AEER / EER		W/W	4.08/4.17	3.96/4.02	3.64/3.68	3.28/3.30	3.24/3.25
Star Rating	Hot Climate Cooling		4.0	4.0	4.0	3.0	3.0
	Average Climate Cooling		3.5	3.5	3.5	3.0	3.0
	Cold Climate Cooling		3.5	3.5	4.0	3.0	3.0
TCSPF Residential/ Commercial	Hot Climate Cooling		5.79/6.62	5.86/6.49	5.65/6.40	4.73/5.14	4.68/5.09
	Average Climate Cooling		5.08/7.04	5.15/7.11	5.30/7.47	4.50/5.64	4.50/5.71
	Cold Climate Cooling		5.13/8.07	5.25/8.25	5.51/8.68	4.69/6.23	4.68/6.31
Noise Level — Sound Pressure Level[*2] dB(A)	Indoor (H / L / Q-Lo)		42/25/19	43/26/19	47/34/28	49/38/35	52/38/35
	Outdoor (H / Q-Lo)		47/42	49/44	48/43	54/49	55/50
Sound Power Level dB(A)	Indoor (H / L / Q-Lo)		58/41/35	59/42/35	63/50/44	65/54/51	68/54/51
	Outdoor (H / Q-Lo)		62/57	64/59	63/58	68/63	69/64
Net Weight	Indoor (Outdoor)	kg	8(24)	8(30)	8(35)	13(48)	13(49)
Dimensions	Indoor (H x W x D) mm Outdoor (H x W x D) mm		290 x 779 x 209 542 x 780 x 289	290 x 779 x 209 542 x 780 x 289	290 x 779 x 209 619 x 824 x 299	302 x 1,102 x 244 695 x 875 x 320	302 x 1,102 x 244 695 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)
	Gas Side	mm/(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	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	3~30	3~30	3~30
Maximum Elevation Length		m	15	15	15	20	20
Pipe Length For Additional Gas		m	7.5	7.5	10	10	10
Additional Gas Amount		g/m	10	10	15	25	25
Operating Range (Outdoor) Cooling		Degree °C	+5~+46	+5~+46	+5~+46	+5~+46	+5~+46

[*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.
All models have outdoor power supply and use R32 refrigerant.
All TCSPF and HSPF are two decimal rounding numbers.

Cooling ( ): Outdoor Unit   EER: Cooling 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	27°C DB/19°C WB
	Outdoor temperature	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.

FEATURES EXPLANATION

ENERGY SAVINGS

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

ECONOMY MODE
More energy saving compared to the normal mode by automatically adjusting the set temperature by up to 2ºC. It's ideal when you want to maintain room temperature for gentle cooling and heating.
* Applicable to CS-U71TKR-M & CS-U80TKR-M only

ECO MODE WITH A.I.
Auto-adjusts to the optimal ECO level based on heat load conditions and air conditioning cooling capacity.
* Applicable to CS-U25WKR, CS-U35WKR & CS-U50WKR only

COMFORT

iAUTO-X
Come home to ultra-fast cooling, and then enjoy continuous comfort Shower Cooling that evenly distributes cool air.
* Applicable to CS-U71TKR-M & CS-U80TKR-M only

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

AIRFLOW DIRECTION CONTROL (UP & DOWN)
Vertical airflow patterns can be controlled with operation by remote, even from a distance.
* Applicable to CS-U25WKR, CS-U35WKR & CS-U50WKR 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.

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
* Applicable to CS-U25WKR, CS-U35WKR & CS-U50WKR 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, even from a distance.
* Applicable to CS-U71TKR-M & CS-U80TKR-M only

SLEEP MODE
Delays off timer with temperature control for better sleep.

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.

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 desire into a remote controller using internet connection.
* Network adaptor (CZ-TACG1) 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.
*20m - CS-U25WKR, CS-U35WKR
*30m - CS-U50WKR, CS-U71TKR-M, CS-U80TKR-M

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

Blue Fin Condenser

R32 REFRIGERANT

DRED ready — DEMAND RESPONSE ENABLING DEVICE

CU-U25WKR
CU-U35WKR

CU-U50WKR

CU-U71TKR
CU-U80TKR

AIR IS LIFE

AIR IS COMFORT

AIR IS ENERGY

QUALITY AIR FOR LIFE

■ Please read the Installation Instructions carefully before installing the unit, and the Operating Instructions before using it.
■ Specifications are subject to change without prior notice.
■ The contents of this catalogue are accurate as of October 2020.
■ 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.

⚠ 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.

20RAC1002U

Authorised Dealer

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Panasonic
Air Conditioning