

Panasonic

AIR CONDITIONING
COOLING | DEHUMIDIFICATION

R32
REFRIGERANT



U SERIES
COOLING ONLY INVERTER

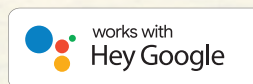
QUALITY AIR FOR LIFE

CLASS LEADING FEATURES

QUALITY AIR FOR LIFE

QUALITY AIR FOR LIFE

At Panasonic we're committed to delivering more than just cooling and 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.

*Requires CZ-TACG1 (Wi-Fi dongle sold separately)



AEROWINGS

SUPERIOR AIR FLOW

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



WARRANTY

CONTROL, COMFORT & 5 YEAR WARRANTY

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.

AIR CONNECTIVITY



MANAGE WITH EASE USING PANASONIC COMFORT CLOUD APP & VOICE CONTROL*



Bringing simplicity and convenience to your fingertips, Panasonic Comfort Cloud application gives you complete control of your air conditioning units anytime, anywhere.

The Panasonic Comfort Cloud application enables your mobile device to act as a remote controller, synchronising with your air conditioner in a matter of seconds. Perfect for multiple air conditioning units in single and multiple locations.

AIR CONDITIONER WITH OPTIONAL NETWORK ADAPTOR



Optional Network Adaptor
(CZ-TAC61)

*Optional network adaptor is required per indoor unit



INTUITIVE VOICE CONTROL



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

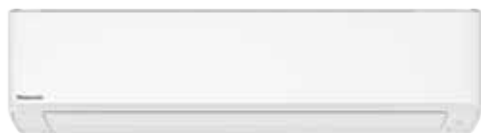
* Requires an Internet connection and the App downloaded from the App store or GooglePlay store on your smartphone or tablet with the latest Operating System available. *To use Amazon Alexa to control your air conditioner, you will need an Amazon Echo device.
* To use Google Assistant to control your 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,Inc. or its affiliates.
* 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.

PRODUCT LINE-UP

WALL MOUNTED COOLING ONLY **INVERTER** Single-Split Type



CS-U25WKR | CS-U35WKR | CS-U50WKR



CS-U71XKR | CS-U80XKR



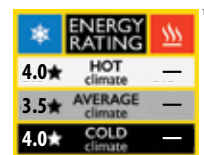
Wireless
(Standard)



Wired
CZ-RD514C
(Optional)



Network
Adaptor
CZ-TACG1
(Optional)



*Star rating: CS-U50WKR (Residential)



ANTI-BACTERIAL FILTER

AEROWINGS



ECO+AI

SPECIFICATIONS

| MODEL | | [240V / 1 Phase / 50Hz] | CS-U25WKR [CU-U25WKR] | CS-U35WKR [CU-U35WKR] | CS-U50WKR [CU-U50WKR] | CS-U71XKR [CU-U71XKR] | CS-U80XKR [CU-U80XKR] |
|--------------------------------|------------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 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 | 352 | 367 |
| Dehumid | | L/h | 1.5 | 2.0 | 2.8 | 4.1 | 4.7 |
| Electrical Data | Running Current | A | 2.70 | 3.90 | 6.00 | 9.10 | 10.50 |
| | Max Current | A | 5.0 | 6.4 | 10.3 | 13.0 | 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 | 3.29/3.30 | 3.24/3.25 |
| Star Rating | Hot Climate | Cooling | 4.0 | 4.0 | 4.0 | 3.5 | 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 |
| TCSPPF Residential/ Commercial | Hot Climate | Cooling | 5.79/6.62 | 5.68/6.49 | 5.65/6.40 | 5.00/5.60 | 4.88/5.34 |
| | Average Climate | Cooling | 5.08/7.04 | 5.15/7.11 | 5.30/7.47 | 4.72/6.06 | 4.69/5.93 |
| | Cold Climate | Cooling | 5.13/8.07 | 5.25/8.25 | 5.51/8.68 | 4.98/6.92 | 4.93/6.58 |
| 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[42] | 13[43] |
| Dimensions | Indoor [H x W x D] | mm | 290 x 779 x 209 | 290 x 779 x 209 | 290 x 779 x 209 | 295 x 1,040 x 244 | 295 x 1,040 x 244 |
| | Outdoor [H x W x D] | mm | 542 x 780 x 289 | 542 x 780 x 289 | 619 x 824 x 299 | 695 x 875 x 320 | 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.

Cooling []: Outdoor Unit EER: Cooling Efficiency

*2 Sound pressure level specification is measured according to JIS C9612.

All models have outdoor power supply and use R32 refrigerant.

All TCSPPF and HSPF are two decimal rounding numbers.

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.



ECO MODE WITH A.I.

Auto-adjusts to the optimal ECO level based on heat load conditions and air conditioning cooling capacity.



COMFORT

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 for 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-U71XKR & CS-U80XKR only



FAN MODE

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



SLEEP MODE

Delays off timer with temperature control for better sleep.



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



MANUAL HORIZONTAL AIRFLOW DIRECTION CONTROL

Horizontal airflow patterns can be manually adjusted.

* Applicable to CS-U25WKR, CS-U35WKR & CS-U50WKR only



CLEANER 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.



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

Control at the unit from fixed location where wired remote controller is installed.



WIRELESS LAN REMOTE CONTROL FOR INTERNET CONNECTION (OPTIONAL)

Control air conditioners remotely by turning your mobile device into a remote controller using internet connection.

* Network adaptor (C2-TAC61) is required



RELIABILITY

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.

20m: CS-U25WKR, CS-U35WKR & CS-U50WKR
30m: CS-U71XKR & CS-U80XKR



BLUE FIN CONDENSER

Extra protection from the elements with a longer lasting coil.



SELF-DIAGNOSTIC FUNCTION

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



TOP-PANEL MAINTENANCE ACCESS

Easy access for maintenance.



OUTDOOR UNIT



CU-U25WKR
CU-U35WKR



CU-U50WKR



CU-U71XKR
CU-U80XKR

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 2021.
- 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.

Authorised Dealer

21RAC1001U

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AIR CONDITIONING