

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



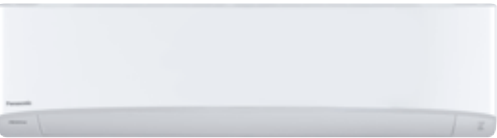
CS-U25TKR | CS-U35TKR



Wireless



CZ-RD514C
Wired
Remote
Controller
(Optional)



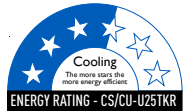
CS-U50TKR | CS-U71TKR | CS-U80TKR



Wireless



CZ-RD514C
Wired
Remote
Controller
(Optional)



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] |
| Air Flow | 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** 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] | 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 |
| | 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 |
| 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.

Panasonic Australia Pty. Limited.

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- Specifications are subject to change without prior notice for further improvement
 - The contents of this catalogue are effective as of August 2017.
 - 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.
- 17RAC0801U

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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. | | |

Panasonic

AIR CONDITIONING
AERO SERIES
COOLING-ONLY INVERTER



AERO SERIES

#AIRTHATMOVESYOU



MOST SATISFIED CUSTOMERS
AIR CONDITIONERS 2016 - 2017



Panasonic
Air Conditioning

RELIABLE COMFORT COMES FROM RELIABLE TECHNOLOGY



DISCREET COMFORT

A Panasonic air conditioner should be the hard-working hero you never notice. From noise measurements, to environmental performance and even operating ease, we repeatedly test our models to make sure they keep your home comfortable without ever intruding on your life.



TESTED DURABILITY

We simulate continuous operation under the harshest of conditions, subject the outdoor units to wind and rain tests and then examine every mechanism to ensure we are delivering a rugged product you can depend on for many years.



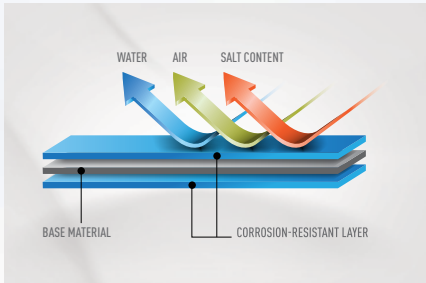
SHOCK RESISTANCE

We love our air conditioners but that doesn't mean we go easy on them. We simulate impacts, vibrations, drops and stacking issues the units might face in transportation and storage, so we know they will be ready for action when they reach your home.



AUSSIE TEMPERATURES

Our air conditioning systems boast an outstanding operating temperature range. Cooling operation is possible even when it is a scorching +46°C outside, which is perfect for Australia's hot summer days.



BUILT TOUGH

Panasonic outdoor units are built to last in the harsh Australian environment. To ensure you will enjoy many years of reliable comfort from your air conditioner the internal components of the outdoor unit are coated with a special blue coating that protects the unit from the damaging effects of salty air, dust, wind and rain.



COUNT ON PANASONIC

Panasonic air conditioners are manufactured to the highest quality standards to ensure years of reliable comfort. We even back our reliability by offering a full 5 year parts and labour warranty.

INDUSTRY-LEADING QUIET OPERATION

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

* CS-U25TKR & CS-U35TKR only

19dB*



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).



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.



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

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-U25TKR & CS/CU-U35TKR 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-U50TKR, CS/CU-U71TKR & CS/CU-U80TKR 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.



REMOVABLE, WASHABLE PANEL

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



The unit must be in cool or dry mode and the fan speed must be set to automatic.

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.



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-U25TKR
CU-U35TKR



CU-U50TKR



CU-U71TKR
CU-U80TKR