PANASONIC SIZING WIZARD APP

The Panasonic Air Conditioning Sizing Wizard makes choosing the right air conditioner easier. This application is very easy to use; simply enter some basic details about your room size and environment, and the Sizing Wizard will suggest the air conditioner model best suited to your needs. You can use it online, or download the app for your Android smartphone or tablet, or your iPhone or iPad.

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

www.panasonic.com.au

1 Innovation Road, Macquarie Park, NSW 2113.

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 Australia Pty. Limited.
ACN 001 592 187     ABN 83 001 592 187

• 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.

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The new Panasonic Thermal Enhancement Technology (P-Tech) enables the compressor to achieve maximum frequency in the shortest time from start up, allowing for 15%* faster cooling.

**Compared to Panasonic 2014 model.**

### Superior Airflow Cooling
Panasonic’s new AEROWINGS feature has twin motorised blades that deliver precise control of air flow direction, providing both Shower Cooling and Fast Cooling for a perfect and comfortable environment.

### Faster Cooling
The new Panasonic Thermal Enhancement Technology (P-Tech) enables the compressor to achieve maximum frequency in the shortest time from start up, allowing for 15%* faster cooling.

* Compared to Panasonic 2014 model.

### Energy Saving Technology
ECONAVI sensors and INVERTER technology work together to moderate the temperature according to room usage. By adapting to the way you live and optimising operation, this unique feature makes the air conditioning in your home more energy efficient and keeps you comfortable throughout the day and night.

### Control, Comfort & Reassurance

#### Clean & Healthy Air
nanoe-G utilises nano-technology’s fine particles to purify the air in the room. It works effectively on airborne and adhesive micro-organisms such as bacteria, viruses and mould thus ensuring a cleaner living environment.

#### Quiet Operation
Panasonic systems are among the quietest in the world, so you can enjoy the comfort of running your air conditioner at night and still have a relaxing sleep. The outdoor unit is also very quiet which means you don’t have to worry about keeping your neighbours up either.

#### Latest Refrigerant
One of Panasonic’s principles has always been to sustain the environment around us. Therefore, we use the more ozone friendly refrigerant R32 for this new product. It is especially suitable for use in air conditioning and results in better energy efficiency.
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.

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.

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.

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. The heating operation is designed to operate even when it’s a freezing -15°C outside, so even the coldest parts of Australia are covered.

Panasonic outdoor units 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.
SHOWER COOLING is the feeling that gently washes over you like a cool morning. After reaching the set temperature, AEROWINGS directs airflow upwards to spread cool air evenly across the room, and showers down for endless comfort.

How SHOWER COOLING works:

1. Cool air is directed upwards.
2. Cool air spreads evenly and showers down.
3. Room is evenly cooled down.

SHOWER COOLING AIRFLOW ASSESSMENT

AIRFLOW SMOKE TEST

Instead of blowing cold air directly onto people, AEROWINGS directs airflow upwards over a wider area, then showers down gently and evenly across the room.

TEMPERATURE DISTRIBUTION TEST

AEROWINGS directs cool air further and higher towards the ceiling to avoid direct cooling.

Note: Based on Panasonic In House Research.

FOR YOUR EXTRAORDINARY COMFORT

Prevents Overcooling From Direct Airflow

SHOWER COOLING

AEROWINGS
Features twin motorised blades that direct airflow downwards, delivering concentrated cool air to cool down the room faster, providing you with a unique FAST COOLING experience.

How FAST COOLING works in AERO Series:

1. Concentrated cool air is delivered straight to you.
2. The steady airflow cools you down quickly.

Instant Relief From The Heat

AUTOMATIC FAN SPEED

AUTO-X will automatically switch fan speed from low to super high depending on the temperature difference between the room and the set temperature.

LOW SPEED
MEDIUM SPEED
HIGH FAN SPEED
SUPER HIGH FAN SPEED

FAST COOLING AIRFLOW ASSESSMENT

AIRFLOW SMOKE TEST

AEROWINGS directs airflow downwards for a fast cooling effect.

TEMPERATURE DISTRIBUTION TEST

CONVENTIONAL COOLING
Cool air blows downwards and cools the room at a slow pace, resulting in uneven cooling. The edge of the room remains warm.

FAST COOLING
Concentrated airflow cools instantly. Room is evenly cooled.

Note: Based on Panasonic In House Research.
ENERGY SAVINGS

ECONAVI and INVERTER work together to alternate the performance automatically. Now you can enjoy more energy savings while staying comfortable throughout the day.

Enjoy Ultimate Comfort With Energy Savings

ECONAVI has two sensors – Human Activity Sensor and Sunlight Sensor. Together, they monitor human location, movement, absence, and sunlight intensity to use energy more efficiently.

ECONAVI SAVES YOU ENERGY BECAUSE IT SENSES:

- Where you are.
- When you leave the room.
- When you are less active.
- Whether it’s a sunny day or at night.

INVERTER prevents wasteful energy consumption by varying the compressor rotation speed to maintain the set temperature without sacrificing your comfort.

A conventional non-INVERTER air conditioner can only operate at a constant speed which is too powerful to maintain the set temperature. Thus, it switches the compressor on and off repeatedly. This results in wider temperature fluctuations leading to wasteful consumption of energy.

The Panasonic INVERTER air conditioner varies the rotation speed of the compressor, providing a precise method of maintaining the set temperature. Thus, Panasonic INVERTER air conditioners give you exceptional energy saving performance while ensuring you stay comfortable at all times.
For overall wellbeing, Panasonic Air Conditioners feature an advanced air purification system called Nanoe-G, which releases active ions that attach to particles as small as PM2.5.

How Nanoe-G works:

1. **Removes airborne particles** (Up to 99%*1)
   - Removal of 99% of particle pollution (PM2.5)*1 and airborne particles*2 such as bacteria, viruses and mould.

2. **Deactivates adhesive particles & deodorises adhesive odours** (Up to 99%*3)
   - Deactivates 99%*3 adhesive micro-organisms and deodorises adhesive odours.

3. **In-filter deactivation** (Up to 99%*4)
   - Deactivates 99%*4 of bacteria and viruses trapped in the filter.

NOTE: *1 & *2 & *3 & *4 All results are based on specific testing conditions. All tests are not demonstrated under actual usage situations.

**FOR YOUR BETTER INDOOR AIR QUALITY**

**Clean & Healthy Air**

**AIR PURIFICATION SYSTEM**

**nаное-G**

**Breathe Clean & Healthy Air**

Natural ion wind spreads nanoe-G fine particles that are released from the nanoe-G generator.

3 trillion* nanoe-G fine particles released from the generator.

Remark: *3 trillion is the simulated number of nanoe-G fine particles under the mentioned conditions. Actual measured nanoe-G fine particles at the centre of the room (13m2): 100k/cc calculated number of nanoe-G fine particles in the entire room assuming they are evenly distributed. *PM2.5 removal was certified by Fukuoka Research Institute, Inc. Test Report no: 25034. PM2.5: Cigarette Smoke (as PM2.5). Effectiveness is measured on 0.3µm-2.5µm. (Specific size only). This removal effect is not proven for all the airborne toxic substances. *Adhesive removal was certified by Kitasato Research Center for Environmental Science. Test Report number: KRCES-Virus Test Report No. 24_0013 Virus: Influenza (H1N1) 2009 Virus. *Adhesive deactivation was certified by Japan Food Research Laboratories. Test Report number: 11047932001-02 Bacteria: Staphylococcus aureus (NBRC 12732) Test Report number: 11073649001-02 Virus: Bacteriophage (Phi X 174 NBRC 103405) Test Report number: 12037932001 Virus: Escherichia coli phage (øX-174 ATCC 13706-B1) In-Filter Deactivation was certified by Kitasato Research Center for Environmental Science. Test Report number: KRCES-Virus Test Report No. 24_0013 Virus: Influenza (H1N1) 2009 Virus.

*1 & *2 & *3 & *4 All results are based on specific testing conditions. All tests are not demonstrated under actual usage situations.
### SPECIFICATIONS

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#### ALL CAPACITY AND ENERGY EFFICIENCY RATINGS

- **Cooling**
  - Indoor temperature: 20°C DB
  - Outdoor temperature: 30°C DB
- **Heating**
  - Indoor temperature: 20°C DB
  - Outdoor temperature: -15°C DB

#### CLEAN & HEALTHY AIR

- **ECONAVI**
  - Sensors detect opportunities to reduce waste
- **Wired Remote Control (Optional)**
  - Allows limited control from an external source
- **REMOTE, WASHABLE PANEL**
  - Easy access for maintenance.

#### CONVENIENCE

- **24-HOUR DUAL ON & OFF REAL SETTING TIMER**
  - Allows for flexible scheduling and control of temperature
- **RANDOM AUTO RESTART**
  - Prevents repeated starting and stopping of the unit

#### RELIABILITY

- **BLUE FIN CONDENSER**
  - Provides extra protection from the elements with a longer lifespan
- **PERSONAL AIRFLOW CREATION**
  - Ventilation is directed towards the room, not the ceiling

#### PERFORMANCE

- **MILD DRY COOLING**
  - Fine control for maximum comfort and efficiency
- **QUIET MODE**
  - Ensures minimal noise levels during operation

#### ENERGY SAVINGS

- **ALL AUTO-X**
  - Customized settings for optimal energy efficiency
- **CONVENIENCE**
  - LCD wireless remote control for easy access from anywhere in the room

### PRODUCT LINE-UP

#### OUTDOOR Units

- **CU-Z22TKR**
- **CU-Z23TKR**
- **CU-Z42TKR**
- **CU-Z60TKR**
- **CU-Z71TKR**
- **CU-Z80TKR**