AIR IS LIFE

AIR IS COMFORT

AIR IS ENERGY

QUALITY AIR FOR LIFE

Panasonic Australia Pty. Limited

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aircon.panasonic.com.au

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Panasonic
Air Conditioning

Panasonic

Air Conditioning

Solutions Portfolio

2020/2021

Air Conditioning Solutions Portfolio

QUALITY AIR FOR LIFE

The Panasonic Ecosystem

As a global electronics manufacturer, we are involved in a variety of product segments. As such, at Panasonic, we are able to offer our customers valuable and tailored solution ecosystems for a range of applications, such as Hotels, Restaurants, Retailers, Offices, Schools, Hospitals, Industrial spaces, Homes, etc. A systematic solution to a range of needs, bringing you promised quality in exceeding your expectations.

Harnessing our advanced technology and extensive on-site expertise, we serve clients in a diverse range of environments throughout the world. Panasonic Air Conditioning solutions are designed from the ground up to meet the specific needs of each location, whilst placing a premium on efficiency and reliability. At every stage, we seek to make optimal use of resources and energy to create solutions that minimise impact on our customers and processes.

Appliances Company

Offering products and services ranging from home appliances, beauty and health, to B2B products such as heating and cooling appliances, energy products etc.

*As of March 31, 2019

Life Solutions Company

With beginnings in the field of electric components, the Life Solutions Company delivers products and solutions ranging from housing materials & construction, and Home Automation systems, to electric power assisted bicycles.

Connected Solutions Company

Providing system solutions to B2B customers, the six priority segments of this business include: Distribution, Logistics, Entertainment, Public, Avionics, and Manufacturing.

Automotive Company

The Automotive Company's offerings include in-vehicle infotainment, in vehicle electronics, automotive mirrors and motorised systems such as automotive batteries.

Industrial Solutions Company

The Industrial Solutions Company delivers an extensive range of solutions in B2B business areas including electronic components, Factory Automation and industrial devices, electronic materials and batteries.

A Better Life, A Better World

Panasonic is committed to creating a better life and a better world, continuously contributing to the evolution of society and to the happiness of people around the globe.

Panasonic's brand slogan "A Better Life, A Better World" aims to concisely express our Basic Management Objective in the modern era, established by founder Konosuke Matsushita. This Basic Management Objective embodies our mission and devotion, and as the heart of our management philosophy, it has served as the foundation for all our management activities.

We recognise our responsibility as industrialists and devote ourselves to the progress and development of society, and the well-being of people through our business activities, thereby enhancing the quality of life throughout the world. As such, our company creed states that progress and development can be realised only through the combined efforts and cooperation of each employee in our company. United in spirit, we pledge to perform our corporate duties with dedication, diligence and integrity.

綱領

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世界文化ノ進展ニ
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Panasonic Air Conditioning Through the Years

With over 60 years of experience within the Air Conditioning industry, Panasonic Air Conditioning has grown to become a globally recognised and celebrated entity. Driven by an endless quest for innovation, we have evolved from manufacturing compressors, to providing comprehensive solutions to our customers' air conditioning needs. Panasonic has become a brand that possesses inextricable associations with superior quality and reliability.

1958
Panasonic introduces its first home cooler, a window-type Air Conditioner

1971
Panasonic begins the production & distribution of Absorption Chillers

1985
Panasonic introduces their first GHP (Gas Heat Pump) VRF Air Conditioner

1989
The introduction of the world's first simultaneous, 3-Pipe Heating & Cooling VRF Air Conditioning System, by Panasonic

1993
With innovation at the heart of the company, in 1993, Panasonic makes a milestone by introducing the world's first large-capacity modular combination VRF Air Conditioning system

1995
Panasonic moves ahead of the competition and introduces the world's first large-capacity modular combination VRF Air Conditioning system, incorporating heating and cooling

2003
Panasonic Introduces the world's first nanoe™ equipped air purifier

2005
Commercial release of nanoe™ products

2007
First inclusion of nanoe™ into Mazda Automotive Air Systems (expanded automotive adoption thereafter)

2008
Inclusion of nanoe™ into the first air conditioners

2016
Panasonic introduces FSV EX (VRF System) that sets new benchmarks for performance, energy efficiency and reliability

2016
Birth of the nanoe™X

2017
Panasonic leverages its product innovation and expertise through introducing the Panasonic AC Smart Cloud; allowing anytime, anywhere, multiple site control & monitoring

2019
Panasonic announces Google Assistant & Amazon Alexa control compatibility on all Panasonic Air Conditioners

QUALITY AIR FOR LIFE

The importance of Indoor Air Quality

Each one of us breathes in 18kg* of air a day

We care about the food that we eat, and the water that we drink, but what about the air that we breathe? No matter where you go, air is an essential part of your life.

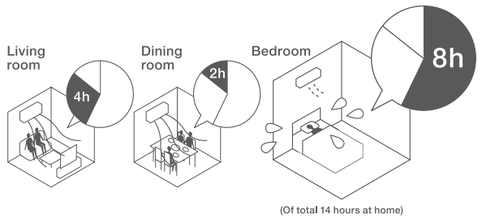
Indoor Air Quality (IAQ) is an increasingly prevalent concern in a world faced with rising levels of pollution, temperatures, and climate change. At Panasonic, we're committed to delivering more than just cooling & heating solutions, we consistently strive to help you make positive choices, bringing you Quality Air, For Life.

*Based on Panasonic in house data

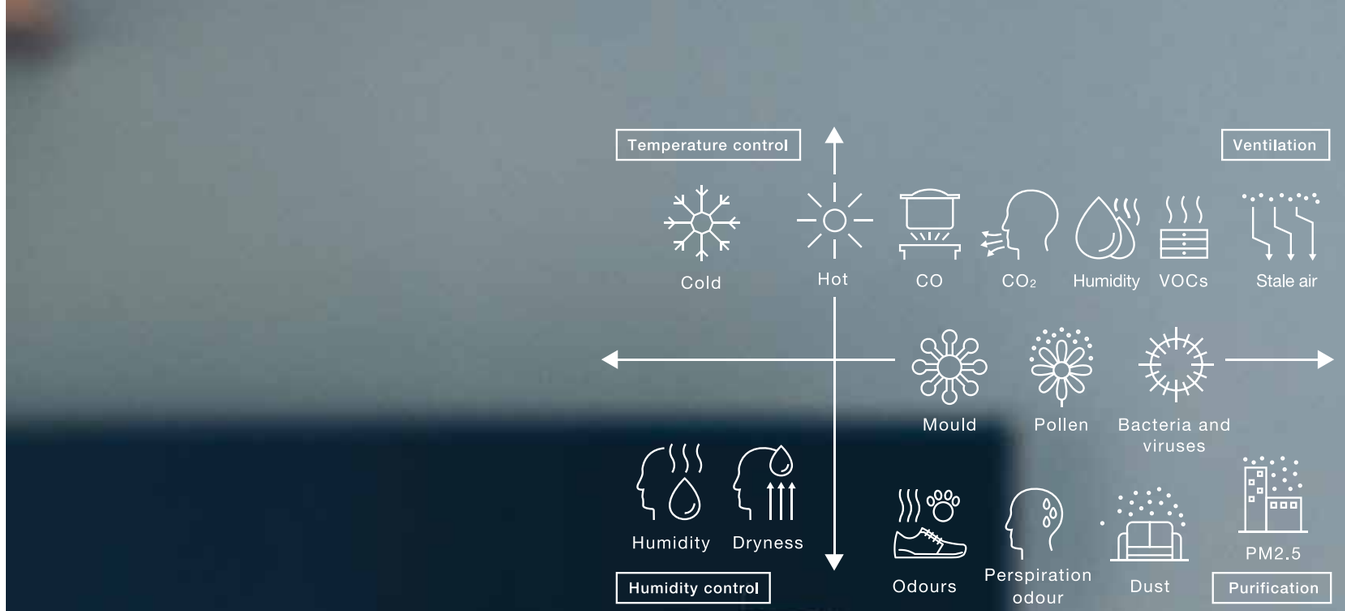
Indoor Air Quality

Clean air is essential to fostering and maintaining a healthy lifestyle; Though there is little awareness of the invisible issues within IAQ. Australians spend 90% or more of their time indoors, with the average Australian spending 14 hours inside their home. Increasingly, as our homes and living/working spaces have become better sealed from the external environment, pollutants from indoor sources (e.g. gas cookers, heaters, wood fires, mould, pollen, etc.) are being found at higher concentrations. Panasonic works to improve your IAQ by removing/reducing those invisible issues, bringing you peace of mind in the quality of your air.

*According to the Australian Government, Department of Environment & Energy (2019) https://www.environment.gov.au/protection/air-quality/indoor-air



(Of total 14 hours at home)



Quality Air

Design

A Panasonic, we strive to deliver more than just cooling & heating solutions, it is our goal to help you enjoy cleaner and fresher air, essential to maintaining a healthy lifestyle as well as a more comfortable life.

Panasonic Air Conditioning is committed to providing comprehensive solutions to consumers and businesses alike. Harnessing our experience as a world leader in HVACR manufacturing, our on-site expertise, and advanced technologies, we strive to deliver solutions, designed from the ground up, that meet the specific needs of a range of applications. Moreover, our solutions champion our quest in bringing quality air to all of our consumers, for life.

Panasonic's vision for a comfortable air environment

Our mission is to deliver air that is optimised for diverse lifestyles and designed for various occasions in mind. Leveraging our air conditioning and ventilation technologies to achieve synergy, we help to solve indoor air problems that often cannot be seen, and provide air that is gentle on the body.

At Panasonic, we recognise three key elements in maintaining air quality in any indoor environment:

1. Humidity Control
2. Temperature Control
3. Air Quality Improvement

These three elements are inherently related to the three core segments of the air conditioning company, Air Conditioning, Ventilation, and nanoe™ Technology (respectively). We continue to keep our customers pleasantly dry, comfortably cool, and always refreshed.

1. Humidity Control

Maintain the ideal room temperature while removing excess humidity
Relative Humidity: 30–50%

2. Temperature Control

Maintain the ideal room temperature for a comfortable environment
Temperature:21–27°C

3. Air Quality Improvement

Inhibit viruses and the growth of mould with nanoe™ technology, and replace polluted air through ventilation.

VOCs < 500 µg/m3 CO2 < 700 ppm indoors
PM2.5 <15 µg/m3 PM10 <50 µg/m3

Air Purification

nanoe™X is Panasonic's revolutionary stand alone air purification technology, working towards the improvement of IAQ. Applying a high voltage to water molecules produces nano-sized water particles, containing OH radicals (highly reactive atmospheric components), allowing them to easily bind to, and denature, airborne and adhered substances. Highly effective and maintenance free, this market leading air purification technology ensures our customers experience Quality Air, For Life.

Panasonic and Sensitive Choice have partnered to introduce the nanoe™X to the Australian market. Purifying your air 24 hours, the nanoe™X feature can function independently or concurrently with your air conditioner. This market leading Air purification technology works towards the inhibition of bacteria, viruses, allergens, pollens and mould within your indoor environment, whilst deodorising, keeping your home or office fresh and clean. Panasonic & Sensitive Choice are committed to bringing you Quality Air, for Life.

7 Reasons to use nanoe™X

Active Deodorisation

Penetrating into the deepest parts of fibres, nanoe™X eliminates frequently encountered odours, creating cleaner and fresher spaces.

Inhibition of Bacteria & Viruses

nanoe™X envelops and inhibits the activity of airborne and adhered bacteria & viruses.

Inhibition of Mould

Common airborne and adhered mould found inside living/ working spaces are enveloped and inhibited by nanoe™X.

Inhibition of major Allergens

nanoe™X inhibits allergens such as pet dander, mite faeces / carcasses, and airborne mould, as well as other major allergens.

Inhibition of Pollen

nanoe™X is effective in inhibiting a variety of pollens globally, all year around.

Breakdown of Hazardous Substances

nanoe™X has been confirmed to inhibit and breakdown common hazardous/harmful substances ensuring that the air you breathe is cleaner and safer.

Hydrates and Moisturises

nanoe™X combines with natural sebum (natural skin oils) to coat the skin, leading to a smoother, well-hydrated complexion.

Complete Air Purification

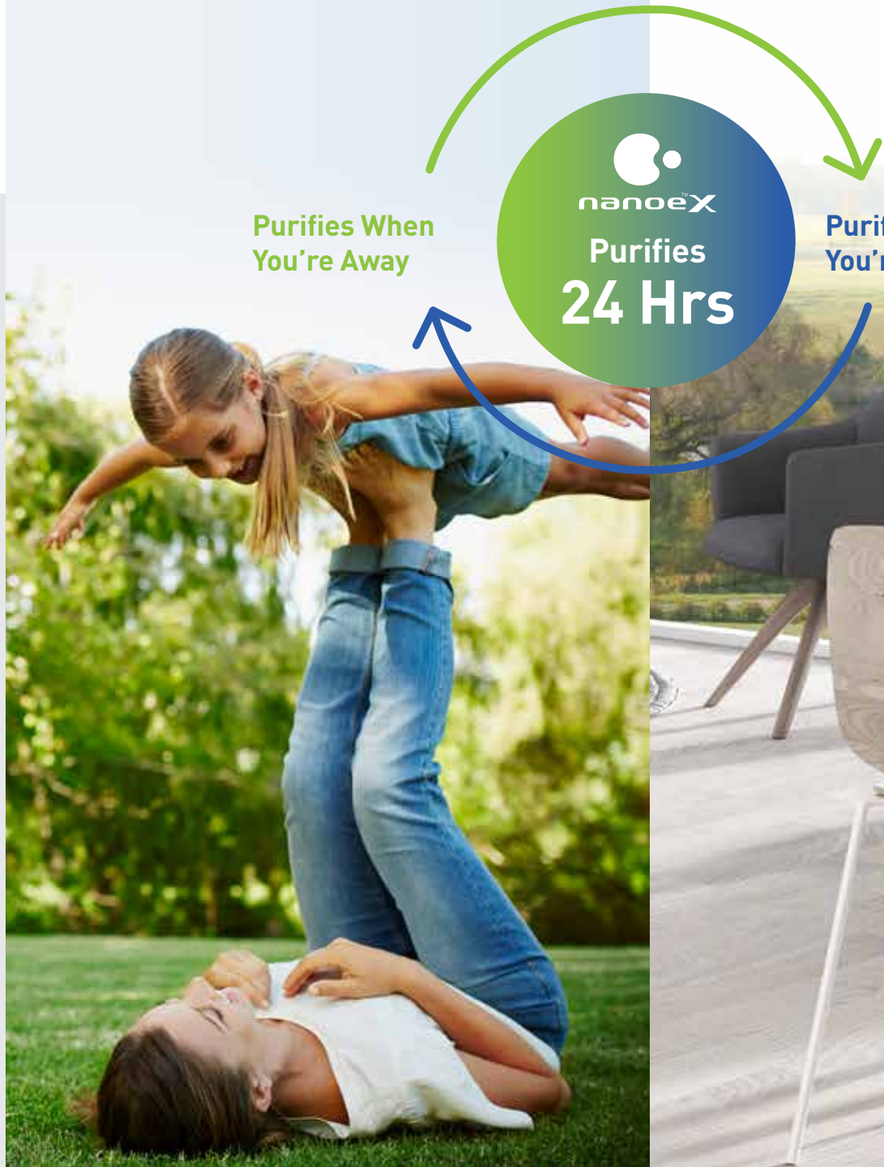
Purifies your air wherever you are

Return to a fresh smelling home every time. Leave nanoe™ mode on to deodorise, sterilise and refresh. Purify while you're away with the Panasonic Comfort Cloud App, switch your Panasonic air conditioner to nanoe™ mode remotely, from your connected mobile device.

*Selected models only

Running at a low energy consumption of only 35W/Hr, you can ensure your home and/or office are cleaner and more comfortable spaces. Simply switch your applicable air conditioner to nanoe™ mode.

*Selected models only



Panasonic

Connectivity Ecosytem

A Smarter Way to Control Your Air

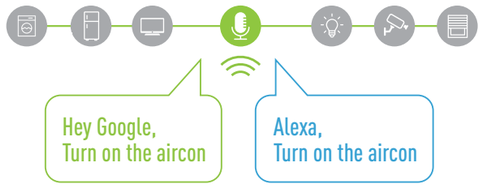
Comfort Cloud App

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

Voice Control

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

*CZ-TACG1 or CZ-CAPWFC1, Comfort Cloud App, updated firmware, and an existing internet connection required. Additional accessories may also be required. Google is a trademark of Google LLC. Amazon, Alexa and all related logos are trademarks of Amazon.com,Inc. or its affiliates.



Create Custom Routines

Customise your personal routine with just one phrase to operate multiple devices.

Good Morning | Good night | I'm home | Leaving home

Set Actions

Set actions for your Air Conditioners and other devices to perform the operations on demand.

Set dining room AC at 25ºC | Turn on TV | Turn off lights

Turn off Bedroom AC | Weather report | Make coffee

Ultimate Convenience

Hands-free control from anywhere

Set actions for your Air Conditioners and other devices to perform the operations on demand.

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.

*Each indoor unit may require an individual WLAN Adaptor
*Only available on select models. Additional accessories may be required. Please visit aircon.panasonic.com.au for further details

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.
*Indoor temperature display and some special function are not available through the App for all models.

Quality Air Solutions

Room Air Conditioning

Single Split

R32 REFRIGERANT · DRED ready · MEPS COMPLIANT · Comfort Cloud App · works with Google Assistant · WORKS WITH alexa

Z-Series (VKR)

Cooling · Heating · Air Purification

nanoeX · AEROWINGS

RZ-Series (VKR)

Cooling · Heating

AEROWINGS

U-Series (TKR)

Cooling · Dehumidification

AEROWINGS

Accessories

Connectivity

CZ-RD514C
Wired Controller

CZ-TACG1
WLAN Smart Adaptor

Features

nanoeX™

Panasonic's revolutionary air purification system that inhibits & deactivates bacteria, viruses, mould, major allergens, and pollen, breaks down hazardous substances, and actively deodorises, whilst hydrating and moisturising those in the room.

Made for the Australian Climate

Experience an outstanding operating temperature range. Cooling is possible even at an outside temperature of 46°C and heating even at a freezing -15°C. Whatever the temperature, wherever you are in Australia, Panasonic air conditioning delivers supreme comfort and reliability.

AEROWINGS

Panasonic's AEROWINGS feature has twin motorised blades that deliver precise control of air flow direction, delivering both SHOWER COOLING & FAST COOLING.

Whole House Air Conditioning

Multi Split Systems

R32 REFRIGERANT · DRED ready · MEPS COMPLIANT · Comfort Cloud App · works with Google Assistant · WORKS WITH alexa

Outdoor Units

- Each outdoor unit serves up to 5 Indoor units
- Saves space for outdoor units
- Greater space for ductwork
- Suitable for residential and light commercial

- Up to 2 rooms – 5.2kW – CU-2Z52VBR
- Up to 3 rooms – 5.4kW – CU-3Z54VBR
- Up to 4 rooms – 7.1kW – CU-4Z71VBR
- Up to 4 rooms – 8.0kW – CU-4Z80VBR
- Up to 5 rooms – 10.0kW – CU-5Z100VBR

Indoor Units

Wall Mounted
RZ-Series
2.0 – 7.1kW

Aerowings – superior airflow technology, delivering precise control of airflow direction
Anti-Bacterial filter
ECO Mode
Operating range: -15° – +46°C
Wireless controller included

Ultra Slim Ducted
UD3 - Series
2.6 – 5.6kW

Market leading energy efficiency
Only 200mm High
Rear or bottom return air options
Built-in drain pump
Operating range: -15° – +46°C
Wireless controller included

4-WAY Mini Cassette
UB4 - Series
2.5 – 5.7kW

Market leading energy efficiency
Compact design (260mm high)
Easy installation
Built-in drain pump
Operating range: -15° – +46°C
Wireless controller included

Accessories

Model	Description
CZ-MA1P	Reduce connection size on indoor units from 1/2" to 3/8"
CZ-MA2P	Increase connection size on outdoor units from 3/8" to 1/2"
CZ-MA3P	Reduce connection size on indoor units from 5/8" to 1/2"
CZ-CAP2	Demand response module
CZ-RD52CP	Wired remote controller for mini cassette (Optional)
CZ-RD514C	Wired remote controller for wall mounted (Optional)
CZ-TACG1	Smart Adaptor

Residential & Light Commercial Systems

Outdoor Units

Panasonic's new range of outdoor units feature intuitive technology and thoughtful engineering. The two ranges of R32 units, both Deluxe & Compact, feature all side discharge, as well as energy and space saving technologies, permitting installation in even the tightest and most demanding conditions.

Light-Medium Commercial/Residential

2.5 – 6.0kW
Super compact
Market leading energy efficiency
Operating range: -15ºC – +46ºC

Compact Outdoor Units PZ-Series

6.0 – 14.0kW
Market leading energy efficiency
Compact, single-fan body
Available in single & three phase*
Operating range: -15ºC – +43ºC

*Three phase models denoted with the number 8

Deluxe Outdoor Units PZH-Series

7.1 – 22.4kW
Market leading energy efficiency
Side discharge format
Available in single & three phase*
Operating range: -20ºC – +46ºC

*Three phase models denoted with the number 8

Indoor Units

Panasonic's extensive range of indoor units are ready to fit each of your applications needs.

Residential & Light Commercial

Ultra Slim Ducted

UD3-Series
2.5 – 6.0kW
200mm High
Rear or bottom return air options

High Static Ducted

PE1-Series
6.0 –16.0kW
ECONAVI Ready*

Splittable High Static Ducted

PE3-Series
18.0 – 22.4kW
Easy assembly & installation

Slim-Line Ducted

PF1-Series
6.0 –14.0kW
290mm high
ECONAVI Ready*

4-WAY Mini Cassette

UB4-Series
2.5 – 6.0kW
260mm High
Built in drain pump
Panel: CZ-BT30EW

4-WAY Cassette

PU2-Series
6.0 – 14.0kW
nanoe™X Ready**
ECONAVI Ready*

*CZ-CNEXU1 required
**CZ-KPU3A required

Underceiling

PT2-Series
6.0 – 14.0kW
Up to 13m Airflow
ECONAVI Ready*

Wall Mounted

PK2-Series
9.5kW
Up to 85m Piping length***
ECONAVI Ready*

***Deluxe range only

FSV Systems

Outdoor Units

Panasonic's range of FSV systems are designed for energy savings, high durability, and even operation at extreme ambient temperatures. Panasonic continuously apply advanced technologies to meet the requirements of a variety of diverse applications, constantly contributing to the creation of comfortable living spaces.

2-PIPE Mini FSV LE-Series

12.1 – 25.0kW
Cooling or Heating
High external static pressure 35Pa
Less than 1m high (LE2 range)
Available in single & three phase*
Operating range: -20ºC – +46ºC
Anti Corrosion models available

*Three phase models denoted with the number 8

2-PIPE FSVEX ME2-Series

22.4 – 224.0kW
Cooling or Heating
Class leading EER of 4.7 (22.4kW model)
Long piping length (up to 1,000m)
External static pressure up to 80Pa
Variable Evaporation Temperature (VET) & Variable Condensation Temperature (VCT)
Operating range: -20ºC – +52ºC
Anti Corrosion models available

3-PIPE FSVEX MF3-Series

22.4 – 135.0kW
Simultaneous Cooling or Heating
Class leading EER of 4.87 (22.4kW model)
Long piping length (up to 500m)
External static pressure up to 80Pa
Variable Evaporation Temperature (VET) & Variable Condensation Temperature (VCT)
Operating range: -20ºC – +52ºC

Indoor Units

High Static Compact Ducted

ER1 Type
9.0 –16.0kW
ECONAVI Ready*

Slim-Line Ducted

F2 Type
2.2 – 16.0kW
ECONAVI Ready*

Slim Low Static Ducted

M1 Type
2.2 – 5.6kW
ECONAVI Ready*

Slim & Narrow Ducted

Z1 Type
2.2 – 7.3kW
ECONAVI Ready*

High Static Ducted / Energy Saving High Fresh Air Ducted

E1/E2 Type
7.3 – 28.0kW

4-Way Cassette

U2 Type
2.2 –16.0kW
nanoe™X Ready*
ECONAVI Ready**

*CZ-CNEXU1 & CZ-RTC5B required
**CZ-KPU3A required

4-Way Mini Cassette

Y2 Type
2.2 – 5.6kW
ECONAVI Ready*

Ceiling

T2 Type
3.6 –14.0kW
ECONAVI Ready*

2-Way Cassette

L1 Type
2.2 – 7.3kW

1-Way Cassette

D1 Type
2.8 –7.3kW

Wall Mounted

K2 Type
2.2 – 10.6kW
ECONAVI Ready*

Floor Standing

P1 Type
2.2 – 7.3kW

Concealed Floor Standing

R1 Type
2.2 – 7.3kW

*CZ-CENSC1 (ECONAVI Sensor) required

Ventilation

Solutions

Deodorisation | Cool/Heat Retention | Insect Proof | Dust Proof

Air Curtains

Product Features

Wide range: 900mm, 1,200mm and 1,500mm (standard and high velocity)

Modern and stylish smooth design

Cross-flow fan for high air velocity and air coverage

Low power consumption through high efficiency motor

Super quiet noise level only 47.0dB(A)* @ 1.5m on low speed

ABS resin casing enabling high resistance to rust

2 speeds (High/Low) selectable by a push button switch

Air deflection vent to adjust air flow direction

Flexible installation and easy maintenance

Can be connected to selected Panasonic Air Conditioning systems

5 year full parts and labour warranty

*FY-3012U118 Only

Constant Air Volume | Built-in Run-on Timer | Intelligent motion sensor* | 24 Hour Ventilation

Ventilation Fans

Product Features

Super quiet with noise level only 31.0dB(A)* @ 1m on high speed

DC motor for superior performance and energy efficiency

Constant air volume output promises performance and widens spec-in solutions

24 hour ventilation settings to avoid mould and damp issues

Built in 15 minute run-on timer, no external timber is required

Built in backdraft damper meets BCA requirements

Slim profile and compact design making it suitable for tight ceilings

Light weight making installation easier

Intelligent motion sensor* detects human activity for auto on/off

Peace of mind with 3 year parts and labour warranty

*FV-24JR2 Only

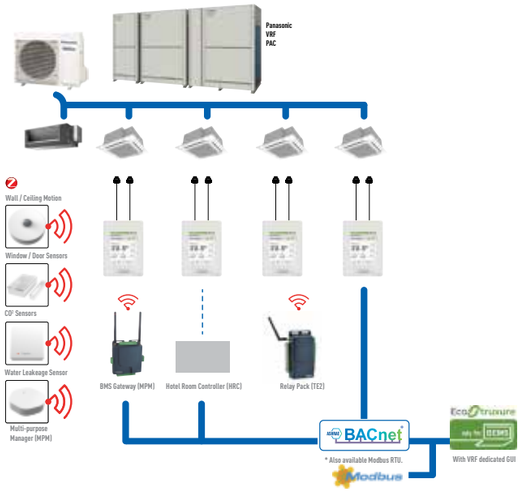
PAC/VRF Smart Connectivity+

Through thorough energy management, PAC/VRF Smart Connectivity+ is a completely new, state-of-the-art solution providing energy saving and comfort as well as simple installation, operation and maintenance.

1. Quality Air Control
Optimum IAQ is realised using the CO2 and humidity Sensors. The CO2 Sensor controls ventilation systems which contributes to improving the room's air quality.

2. Room Key Card or Key Cardless Solutions for Hotels
Solutions are provided that meet the needs of various regions and hotel grades. The new SER8150 enables conventional key cards to control air conditioners and other devices simultaneously/sequentially. The increase in the types of devices that can be connected enables customised control of any hotel room.

3. Other Equipment Control
One Room Controller manages various devices including lighting and the blinds. A ventilation system and other external connection devices (dry contact input) can be connected by using HRC* or TE2 so that various control is possible with this Controller alone, even without BMS.



Sensing & Control Technology
Using sensors from Scheider Electric, high quality occupancy control and automation IAQ control can be realised. The sensors detect the presence or absence of occupants, and the opening and closing of doors and windows to achieve the most efficient energy management for exceptional air-conditioned comfort. Flexible installation is possible to match different applications and building features such as walls, ceiling and proximity to doors and windows. No wiring means extra installation versatility.

Advantages

Dramatic reduction of OpEx with Outstanding IAQ
- 3 built-in sensors: Temperature/RH and Occupancy
- ZigBee wireless sensors: CO^2/Temperature/RH%/ window or door/ceiling or floor

User/Owner friendly
- Colour touch screen
- Ease and simplicity of use
- 22 Languages
- Easy-to-understand error description

Ultimate customisation
- Background colour customisation
- Custom display/icons and messages
- Programmable logic (also stand alone)
- Various controls and various external connection devices

Easy design and Plug and Play to reduce CapEx.
- Simple plug and play connection to Building Energy Management Systems (BMS)
- Stand alone or BMS connected
- Easy installation of Zigbee Sensors

Water Leakage Sensor
SED-WLS-G-5045

Relay Pack (TE2)
SEC-TEA-R-230-5045
SEC-TEA-R-24-5045

Door/Window Sensor
SED-WDC-G-5045

Wall/Ceiling Motion temperature/ humidity Sensor
SED-MTH-G-5045

CO^2 Sensor
SED-CO2-G-5045

Controllers

Centralised & Individual

Centralised Controllers & Accessories

Intelligent Controller – CZ-256ESMC3 (and CZ-CFUNC2)

64 Units x 4 links, max. 256 units
The smart solution for your buildings' advanced requirements. With an enlarged screen and smartphone like operations (swiping & flicking), the screen of the intelligent controller has an intuitive operation.

System Controller
64 Groups, max.
64 units
CZ-64ESMC3

ON/OFF Controller
16 Groups, max.
64 units
CZ-ANC3

Communication Adaptor
CZ-CFUNC2

SERI-PARA I/O Unit for Outdoor Unit
CZ-CAPDC2

SERI-PARA I/O Unit for each Indoor Unit
CZ-CAPBC2

Interface Adaptor
CZ-CAPC3

LonWorks Interface
CZ-CLNC2

Econavi Sensor
CZ-CENSC1

Remote temperature sensor
CZ-CSRC3

nanoe™X Sensor
CZ-CNEXU1

WLAN Smart Adaptor -RAC/Multi
CZ-TACG1

WLAN Smart Adaptor - PAC/VRF
CZ-CAPWFC1

Individual Controllers

Deluxe Wired Remote Controller (CZ-RTC5B)

Large 3.5" Full-dot LCD with white LED backlight

Stylish, easy-to-use touch key design

Large 3.5" Full-Dot LCD With White LED Backlight
Characters and icons are clearly displayed for improved visibility. The display is also large enough to provide a wide range of information for easy confirmation of operation conditions.

Stylish, Easy-To-Use Touch Key Design
The elegant, flat design features large touch keys in a simple layout enabling easy, intuitive operation.

Energy Saving
ECONOVAI on/off*
Temperature auto return
Temperature setting range
Auto shutoff
Schedule peak cut
Repeat off timer

Group Control For Backup And Alternating Run
Rotation operation
Backup operation
Support operation
Alternating run operation
Redundancy operation

*Applies to selected models only.

More Individual Controllers

Wireless remote Controller
1 Group, 8 units

Wireless Remote Controller CZ-RWS3	Wireless Receiver	Indoor Type
	CZ-RWRU3	4-Way-Cassette
	CZ-RWRL3	2-Way-Cassette
	CZ-RWRD3	1-Way-Cassette
	CZ-RWRT3	Underceiling
	CZ-RWRC3	All ducted, and others

Timer remote Controller (wired)
1 Group, 8 units
CZ-RTC4

Panasonic AC Smart Cloud

PANASONIC
AC SMART CLOUD

Flexible and Scalable Solution

Centralise control of your business premises, from wherever you are, 24/7/365. It doesn't matter how many sites you have, or where they are. The AC Smart Cloud system from Panasonic allows you to have complete control of all your installations, from your tablet or from your computer. In a simple click, all of your units, from several locations, receive status updates in real-time for all of your installations, preventing breakdowns and optimising costs.

Key Features

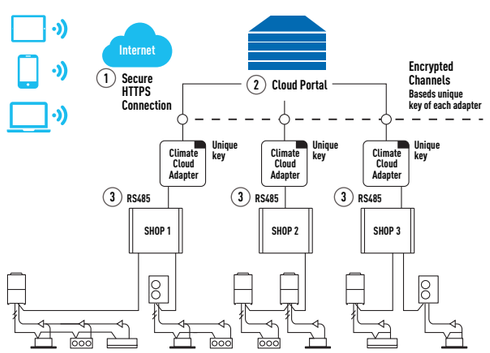
- User customisation
- Site administrator can create users as desired and assign customised profiles.
- Multi site monitoring
- Schedules setting
- Powerful statistics for energy saving
- Maintenance notification

Flexible solution for your business

Every time · Everywhere · Multi-platform · Internet browser

Scalable solution for your business

Small to large · 1 to multi sites · Upgrade features* · PAC/VRF



1. Secure connection between portal and adapters (encryption). 2. Portal: Single point of access for shop owners, employers, franchisors and facility companies. 3. Easy Integration in existing systems via RS485 protocol.

Panasonic
Commercial
AC Designer

Software

Commercial AC Designer Software.

Panasonic knows that the air conditioning industry is one that places ever-greater emphasis on energy efficiency as well as on speed and precision in customer service. With these goals in mind, we are pleased to announce the launch of the latest generation of our Commercial AC Designer software. This proprietary system design software gives architects, contractors, consultants and end users the ability to calculate cooling and heating loads and generate data about the performance of FSV and light commercial air conditioners under simulated usage conditions.

Allows the user to quickly and easily implement customised selections and design processes. Simple and complex systems alike can be created by utilising the software's system wizards and import tools. Users can drag and drop the icons representing outdoor and indoor units onto the interactive desktop. This enables them, for example, to make graphic installation guides or create realistic floor plans – including detailed piping and wiring schematics – that can be included with quotations sent out to potential clients.

Panasonic

PROClub

Catering to a range of industry professionals, the new Panasonic PROClub represents a portal for the free flow of marketing collateral, product information, specifications, technical files, and more directly between Panasonic Australia and our specialist customers.

Global

Panasonic Air Conditioning has an impressive range of marketing support services for distributors, contractors, installers, and consultants working in the air conditioning business.

Panasonic PRO Club Global (www.panasonicproclub.global) is the online platform which makes your life easier.

- Brochures
- Promotions
- Technical Documents
- High Resolution Images
- AutoCAD
- REVIT
- Error Code
- Design Software

Note: Access to information and documents is varied depending on the type of account registered.
Please email info.au.proclub@au.panasonic.com for details.

APPLICATIONS

- Apartments
- Specialised Care
- Education
- Hotels
- Commercial

APPLICATIONS

Apartments

Challenges for Apartments

Space
At Panasonic, we have paid particular attention to the space-saving features of our indoor & outdoor units. With a focus on height and depth of the units, our air conditioning units have been designed for a range of diverse needs & applications.

Piping Length
With up to 1,000m piping length, Panasonic Air Conditioners have the versatility to be installed on the roof, underground, or in floor plant rooms.

External Static Pressure
Panasonic's FSV systems demonstrate considerable external static pressure. With the Mini FSV exhausting air at 35Pa, these units are perfect for plant rooms.

Intuitive voice control
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 introducing intuitive voice control with Google Assistant and Amazon Alexa control compatibility. Using your existing compatible smart home devices, control your air conditioner using just your voice.

IAQ
Indoor air quality is a growing concern for many Australians, with more and more time being spent indoors. With our Sensitive Choice approved nanoe™X enabled air conditioners, you can ensure your house is cleaner & safer 24 hrs.

BANC River Luxury

Milton, QLD Total Cooling Capacity | 808.8kW

Product Features

Outdoor Units
2-Pipe Mini-FSV LE1 Series
Maximising space and power, the Panasonic Mini-FSV is the perfect solution for projects with space restrictions.

Indoor Units
Slim-Line Ducted within the Apartments, 4-Way Cassettes in the Wine Storage & Tasting Rooms.

Control Solutions
Central System Controller (CZ-64ESMC3) per Apartment. Home Automation Interface in the Penthouse.

APPLICATIONS

Specialised Care

Challenges with Specialised Care

IAQ
Air quality in Specialised Care is an important consideration to ensure all occupants are healthy and productive. Panasonic's nanoe™X Air Purification technology inhibits/deactivates airborne and adhered bacteria, mould, viruses, pollen and allergens, whilst concurrently breaking down hazardous substances, deodorising, and hydrating & moisturising your skin & hair. More over, the strategic alliance between Panasonic & Schneider Electric has brought with is the SER8150 and accompanying Zigbee sensors, delivering new levels of IAQ.

Energy Efficiency
Through a combination of next generation refrigerants (R32) and Panasonic Premium Inverter Technology, our units include the ability to ensure precise temperature control, and offer a wider power output range to perform in even the most demanding conditions in Australia.

Multi-site Monitoring
For multiple building management, the Panasonic AC Smart Cloud allows for full control of all installations from a single internet connection. Manage and monitor energy consumption patterns, receive real-time status updates to prevent breakdowns, and a flexible/scalable solution for expanding business and multi-sites, all from your connected handheld or desktop device.

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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 introducing intuitive voice control with Google Assistant and Amazon Alexa control compatibility. Using your existing compatible smart home devices, control your air conditioner using just your voice.

Control Solutions
Central Intelligent System Controller (CZ-256ESMC3)
Local Wired Controllers (CZ-RTC4)
Wireless Remote Controller per apartment (CZ-RWS3)

Aegis Amherst

Amherst, WA Total Cooling Capacity | 1641.0kW

Product Features

Outdoor Units

2-Pipe Mini-FSV
LE1 Series

2-Pipe FSV-EX
ME2 Series

Indoor Units

High Static
Ducted

Slim-Line
Ducted

4-Way Cassettes

Wall Mounted

High Static
Fresh Air Ducted

APPLICATIONS

Education

Challenges with Education

IAQ
Air quality in Educational Institutions is an important consideration to ensure all occupants are healthy and productive. Panasonic's nanoe™X Air Purification technology inhibits/deactivates airborne and adhered bacteria, mould, viruses, pollen and allergens, whilst concurrently breaking down hazardous substances, deodorising, and hydrating & moisturising your skin & hair. More over, the strategic alliance between Panasonic & Schneider Electric has brought with is the SER8150 and accompanying Zigbee sensors, delivering new levels of IAQ.

Energy Efficiency
Through a combination of next generation refrigerants (R32) and Panasonic Premium Inverter Technology, our units include the ability to ensure precise temperature control, and offer a wider power output range to perform in even the most demanding conditions in Australia.

Plug & Play BMS
With the SER8150, connection to a BMS is extremely easy. Better still, a remote controller is all that is needed to enable use as a stand alone system. In addition to dramatically reducing the burden on system integrators, this cuts costs.

Moreton Bay Boys College

Brisbane, QLD Total Cooling Capacity | 118.0kW

Product Features

Outdoor Units

2-Pipe FSV-EX ME2 Series

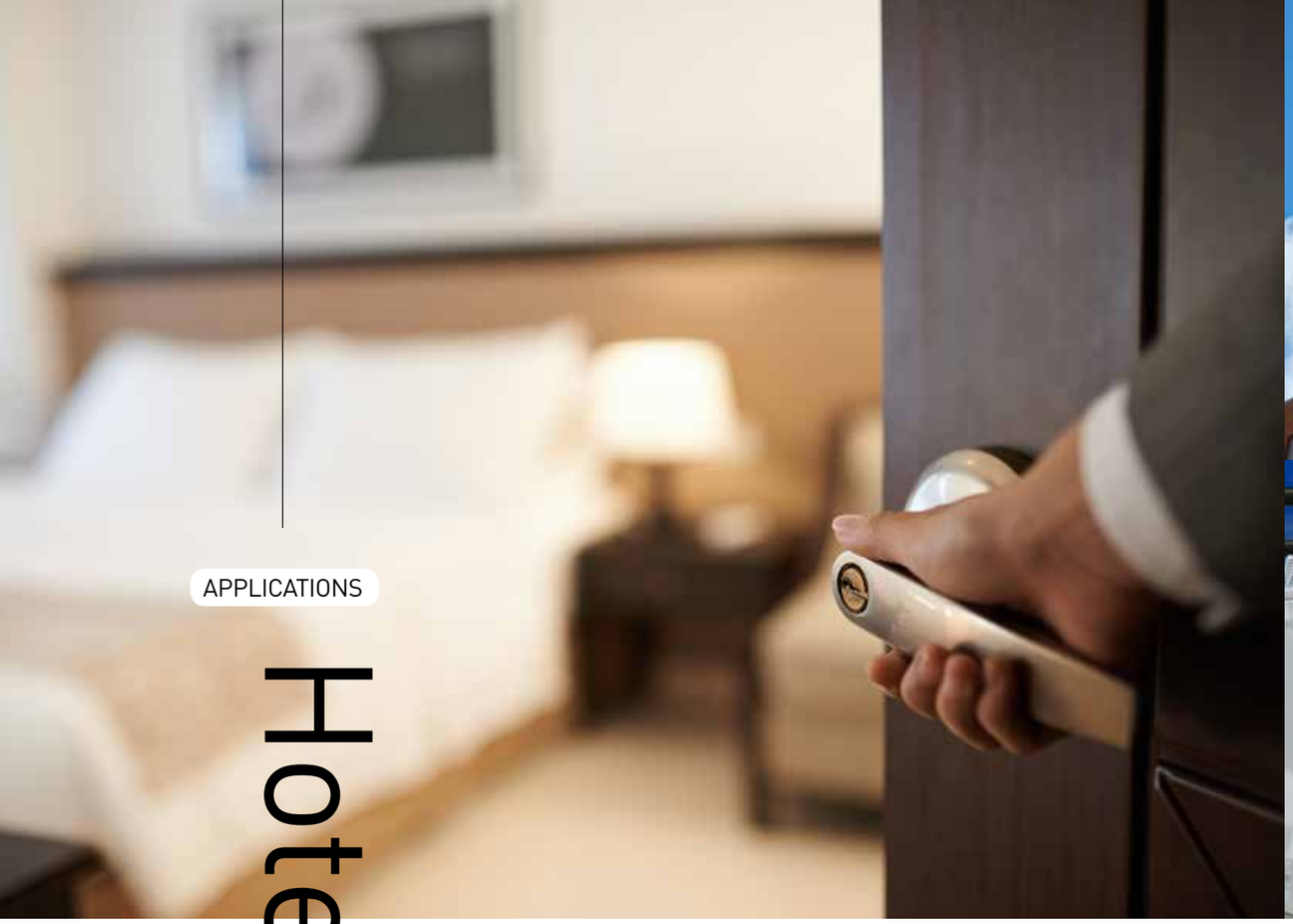
Indoor Units

High Static Ducted

Slim-Line Ducted

4-Way Cassettes

Control Solutions
Central Intelligent System Controller (CZ-256ESMC3)
Local Wired Controllers
On/Off Push Buttons



APPLICATIONS

Hotels

Challenges with Hotels

Space
At Panasonic, we have paid particular attention to the space-saving features of our indoor & outdoor units. With a focus on height and depth of the units, our air conditioning units have been designed for a range of diverse needs & applications.

Piping Length
With up to 1,000m piping length, Panasonic Air Conditioners have the versatility to be installed on the roof, underground, or in floor plant room.

External Static Pressure
Panasonic's VRF systems demonstrate considerable external static pressure. With the mini VRF exhausting air at 35Pa, these units are perfect for plant rooms.

Smart Connectivity
Panasonic's Smart Connectivity+ is a state-of-the-art solution providing energy saving and comfort, as well as easy installation, operation and maintenance. Coupled with the completely wireless range of Zigbee sensors, this solution is ideal for providing comfort, whilst reducing both CapEx & OpEx.

Travelodge Hobart

Hobart, TAS Total Cooling Capacity | 302.0kW

Product Features

Outdoor Units

3-Pipe FSV MF3 Series

Indoor Units

High Static Ducted

Slim & Narrow Ducted

Control Solutions
Centralised System Controller (CZ-256ESMC3)
Wired Controllers (CZ-RTC4)
Panasonic AC Smart Cloud (CZ-CFUNC2)

APPLICATIONS

Commercial

Challenges with Commercial Spaces

IAQ
Air quality in offices is an important consideration to ensure all occupants are healthy and productive. Panasonic's nanoe™X Air Purification technology inhibits/deactivates airborne and adhered bacteria, mould, viruses, pollen and allergens, whilst concurrently breaking down hazardous substances, deodorising, and hydrating & moisturising your skin & hair. More over, the strategic alliance between Panasonic & Schneider Electric has brought with is the SER8150 and accompanying Zigbee sensors, delivering new levels of IAQ.

Energy Efficiency
Through a combination of next generation refrigerants (R32) and Panasonic Premium Inverter Technology, our units include the ability to ensure precise temperature control, and offer a wider power output range to perform in even the most demanding conditions in Australia.

Multi-site Monitoring
For multiple building management, the Panasonic AC Smart Cloud allows for full control of all installations from a single internet connection. Manage and monitor energy consumption patterns, receive real-time status updates to prevent breakdowns, and a flexible/scalable solution for expanding business and multi-sites, all from your connected handheld or desktop device.

Ventilation
Ventilation is an important component of shop spaces, especially when those spaces are used for food and beverage service. Panasonic's range of ventilation solutions, including nanoe™X air purification technology, Ventilation Fans, and Air Curtains, ensure your commercial spaces are fresh and clean at all times.

Control Solutions
Central Intelligent System Controller (CZ-256ESMC3)
Local Wired Controllers

Barossa Valley Chocolates

Barossa Valley, SA Total Cooling Capacity | 135.0kW

Product Features

Outdoor Units

2-Pipe FSV-EX ME2 Series

Indoor Units

High Static Ducted

4-Way Cassettes

Wall Mounted

4-Way Mini Cassette

Air Curtain