

Panasonic

HYDRO SCOPE



- European product for European market

- Easy to select and configure with available AC selector

- Full Eurovent line-up



Heating & Cooling

CHILLERS AND HEAT PUMPS, AND WATER
SOURCE HEAT PUMPS - ECOi-W

Panasonic solutions to suit a variety of commercial and industrial applications. Our systems provide the optimal performance in any climatic condition.

ECOi-W AQUA-G EVO R290.

Unmatched innovation.

ECOi-W AQUA-G EVO with Inverter technology and natural refrigerant R290. Combine efficiency and comfort in one compact package.



ROOFTOPS

Rooftop units provide air-based cooling and heating for commercial buildings to ensure thermal comfort and proper indoor air quality (IAQ) through ventilation.

ECOi-RT.

With Rooftop units, you get a complete compact and mono-bloc solution to heat and cool large buildings such as shopping centers, industries or airports that need high capacities. It is an easy to install, space saving solution, directly on the roof or close to a building.



FAN COIL UNITS

Stylish, premium units for residential projects with a sophisticated, compact design and customizable, flexible units for commercial applications.

Flex Air Smart fan coil – Wall-mounted.

The Flex Air Smart fan coil – Wall-mounted with modern, stylish design comes with the nanoe™ X technology [Generator Mark 3] for improved indoor air quality. It is ideal for both residential and commercial applications.



CONTROL AND CONNECTIVITY

From the individual remote controller for the residential single units up to the newest technology capable of controlling your building anywhere in the world.

Commercial Smart Edge.

Manage the entire Panasonic HVAC portfolio from a single platform – on-site or remotely, 24/7.



Air cooled heat pumps

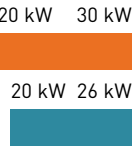
Big Aquarea T-CAP M advantages

- No heating capacity loss due to T-CAP technology
- Working in heating down to -25°C OAT

WH-WXG20ME8 - WH-WXG25ME8
WH-WXG30ME8



R290

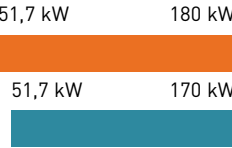


ECOi-W AQUA advantages

- Modbus, Bacnet as standard
- Super low noise
- Dual circuit from 150 kW
- Standard or high pressure fan (HPF up to 85Pa)

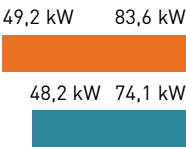
R32

ECOi-W AQUA-Z H 50 - 170



ECOi-W AQUA-G BLUE H 50 - 80

R290



ECOi-W AQUA-Z DC H 150 - 380

R32



ECOi-W AQUA-G EVO advantages

- Solution suitable for DHW production and gas boiler replacement with DT 12°C in heating.
- Polar kit – for units working in heating down to -25°C OAT.
- At -10 °C OAT, the units maintain approx. 85 % of the heating capacity measured at +7 °C*.

*size 80

ECOi-W AQUA-G EVO H 60 - 100

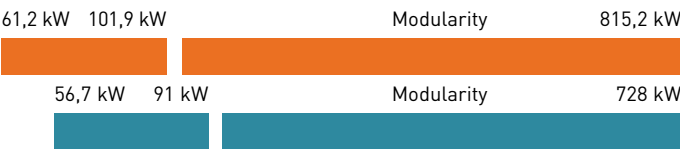
R290



Modular



Single



Cooling only – air cooled chillers

Line-up advantages

- Modbus, Bacnet as standard
- Super low noise
- Dual circuit from 150 kW
- Standard or high pressure fan (HPF up to 85Pa)
- Process cooling down to -15 °C liquid temperature

ECOi-W AQUA-Z C 50 - 170

R32



51,6 kW 173 kW



ECOi-W AQUA-Z DC C 150 - 380

R32



151 kW 754 kW



ECOi SW-N EVO C 380 - 1260

R513A



365,7 kW 1240,5 kW



Will be available from Q1 2027

ECOi-W ADC-X EVO F 800 - 1200

R1234ze



800 kW 1200 kW

Chiller application temperatures.



Water cooled heat pumps – refrigerant change over

ECOi-W WQ H 50 - 190

R410A



58,6 kW 215 kW
50,1 kW 186 kW



ECOi-W WQ H 524 - 1604

R410A



172 kW 508 kW
151 kW 460 kW



ECOi-W WSW-N EVO 440 - 1550

R513A



470,3 kW 1654,6 kW
365,9 kW 1285,5 kW



Water loop heat pumps

R410A

ECOi-W LOOP C/H 15 - 30



1,9 kW 3,7 kW
1,5 kW 2,9 kW



ECOi-W LOOP-N H 70 - 135

R513A



8,1 kW 14,6 kW
7,0 kW 13,3 kW



ECOi-W LOOP-N EVO C/H 30

R513A



3,8 kW
2,9 kW



ECOi-W LOOP-N FS H 7 - 9

R513A



1,8 kW 2,6 kW
1,7 kW 2,0 kW

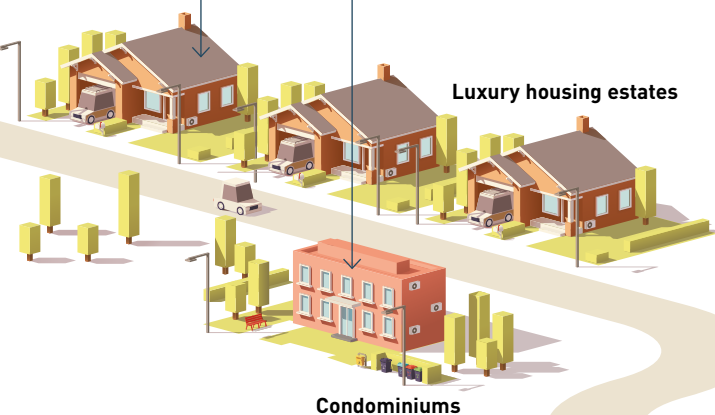


A wide coverage of applications

Energy efficiency, high performance and comfort.

Chillers and heat pumps.

In residential applications a good indoor climate is important to ensure greater comfort and well-being. Our chillers and heat pump units with small capacities and DHW management are the ideal solutions.

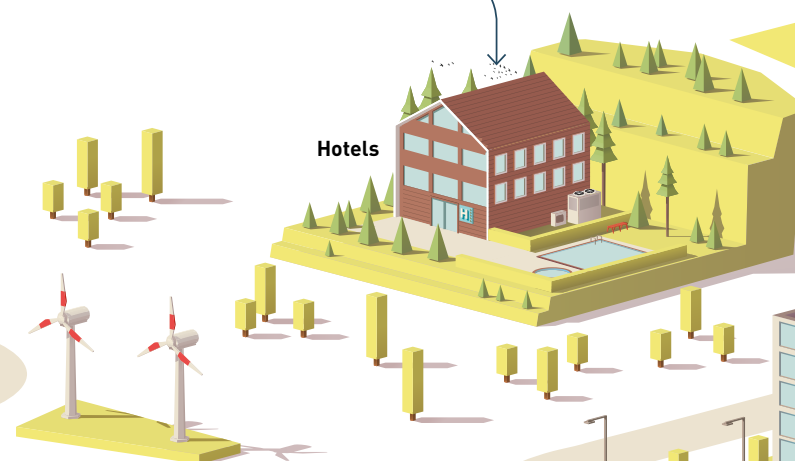


Luxury housing estates

Condominiums

Chillers and heat pumps, fan coils and water source heat pumps.

Ensuring a comfortable environment for the guests is the main challenge in all the types of hotel. Panasonic offers a complete system thanks to the wide capacity range of its chillers, the design and low-noise operation of its fan coil units and the zone independent management of different spaces with its water source heat pumps.



Hotels

Water source heat pumps and rooftops.

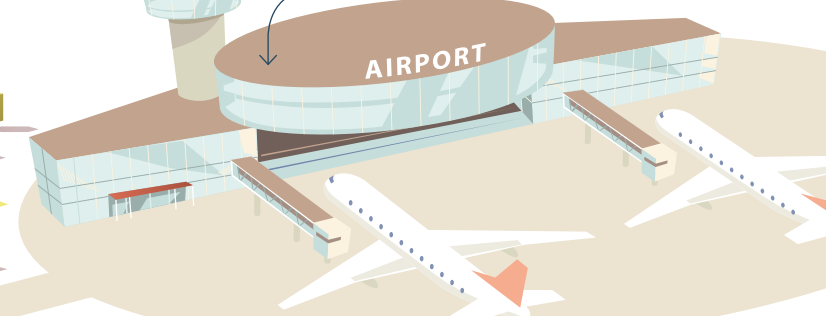
Comfort and air conditioning needs in commercial buildings must take into account the high demand for energy, the high number of people during the day, and the need to heat or cool quickly, changing loads and constantly renewing air. Rooftops are the ideal solutions due to their high capacities and high air flow that ensures better air quality. Water source heat pumps, on the other hand, provide accurate local control of different spaces, with high reliability and allow the overall energy consumption to be broken down by zone.



Mall

Chillers and heat pumps, and rooftops.

Energy consumption at airports has significant variability, and the number of users and passengers fluctuates throughout the day. For optimal air quality management and to meet the large energy needs of facilities, Panasonic offers a wide range of solutions like chillers and heat pumps and rooftops that guarantee high-efficiency and minimise waste energy consumption.



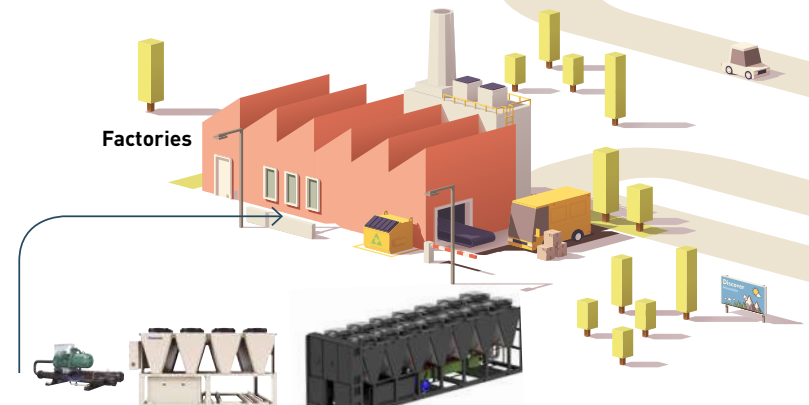
Airports



Offices / Large buildings



Hospitals



Factories



Supermarkets



Chillers and heat pumps.

Factories have high energy requirements. Panasonic chillers and heat pumps can meet this need due to the available capacity ranges. They also have high seasonal performance and are easy to install and maintain.

Water source heat pumps and rooftops.

For supermarket applications, Panasonic has a wide range of solutions suitable to satisfy the required conditions: rooftops units can manage indoor ambient temperature and control the air quality, water source heat pumps have high-efficiency and can allow independent zone management.

Chillers and heat pumps, and fan coils.

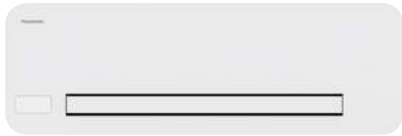
In offices, indoor climate is important for staff productivity and health. Panasonic chillers, heat pumps and fan coil units help create comfortable environments with high temperature control. Thanks to their natural refrigerant, R290 units are also the best solution for achieving high performance with reduced impact on the environment.

Chillers and heat pumps, and rooftops.

Hospitals require a high level of air quality and precise temperature control. Rooftop units are the best solutions due to their reliability and ability to provide fresh air through cooling, heating and ventilation of the building. The chiller and heat pump ranges help create an optimal indoor climate through their high performance and capacity. Our R32 ranges also have a low impact on the environment due to their low GWP refrigerant.

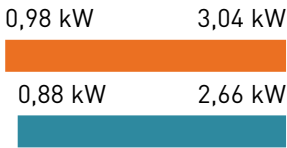


Fancoil units
HIGH WALL UNITS



Aquarea Air Smart
P-FMM10 ÷ P-FMM40

- DC fan
- 2 pipes
- Options:**
- Modbus · Wifi



Flex Air Smart
S-19FK1E ÷ S-52FK1E

- DC fan
- 2 pipes
- **nanoeX**
- PACi & VRF control compatibility
- Options:**
- Modbus · Wifi



CASSETTE UNITS

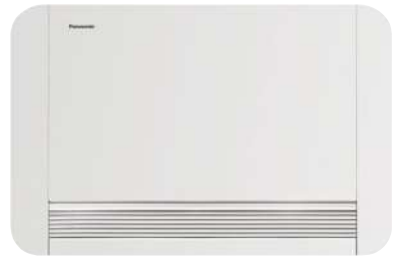


Flex Air
P-FQ20 ÷ P-FQ70

- AC or EC fan
- 2 pipes, 2 pipes + el. Heater, 4 pipes
- Options:**
- Modbus · Plogic



CONSOLE / COMFORT UNITS



Aquarea Air Smart
P-FAL10 ÷ P-FAL40

- DC fan
- 2 pipes
- Options:**
- Modbus · Wifi



Flex Air
P-FC10 ÷ P-FC70 (P-FC80)

- AC or EC fan
- 2 pipes, 2 pipes + el. Heater, 4 pipes
- Options:**
- Modbus · Plogic



Bringing nature's balance indoors.

nanoe™ X, technology with the benefits of hydroxyl radicals that have the capacity to inhibit pollutants, viruses, and bacteria and deodorise.

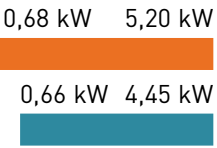


Fancoil units
DUCTED UNITS



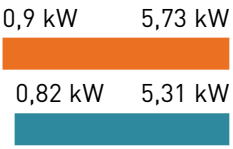
Aquarea Ducted Thin
P-FTN15 ÷ P-FTN45

- DC fan
- 2 pipes
- Options:**
- Modbus · Wifi



Aquarea Ducted
P-FSN20 ÷ P-FSN55

- DC fan
- 2 pipes
- Options:**
- Modbus · Wifi



Aquarea Ducted Thin Multi Zone
P-FTQ30 ÷ P-FTQ65

- DC fan
- 2 pipes
- Options:**
- Modbus · Wifi



Aquarea Ducted Multi Zone
P-FSQ30 ÷ P-FSQ75

- DC fan
- 2 pipes
- Options:**
- Modbus · Wifi



Flex Air Smart – MSP
S-23FF1E ÷ S-93FF1E

- DC fan · 2 pipes · **nanoeX**
- PACi & VRF control compatibility
- Options:**
- Modbus · Wifi



Flex Air – MSP
P-FD10 ÷ P-FD40

- AC or EC fan
- 2 pipes, 2 pipes + el. Heater, 4 pipes
- Options:**
- Modbus · Plogic



Flex Air – HSP
P-FH7 ÷ P-FH27

- AC or EC fan
- 2 pipes, 2 pipes + el. Heater, 4 pipes
- Options:**
- Modbus · Plogic

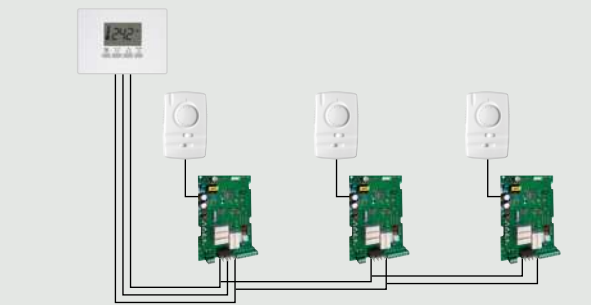


Controls & Connectivity

Plogic (zone controller) with remote control.

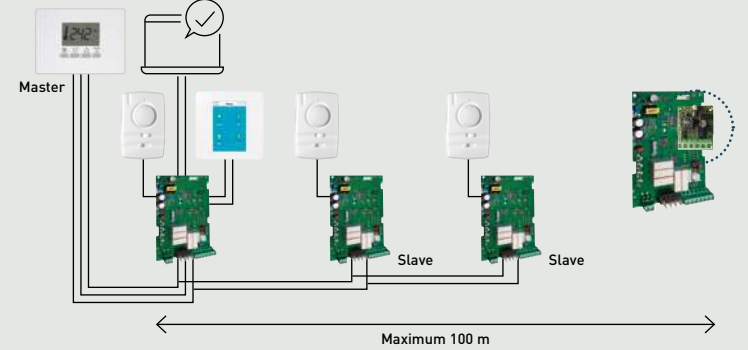
Plogic. Group control (without BMS).

Only 1 MRC/WRC for each zone ¹⁾



Centralized and group control with BMS and SRC.

Only 1 MB2 board on the master unit.



Aquarea Air Smart fan-coils controllols



Wall-mounted control with Modbus for Aquarea Air Smart fan coils.

PCZ-EEB749

Wall-mounted control with integrated Wi-Fi for Aquarea Air Smart fan coils.

PCZ-EFB749

Flex Air Smart fan coils controls

Individual controllers			Centralised controllers			
CZ-RTC6WBLW2 / CZ-RTC6BLW2	CZ-RTC5B	CZ-RWS3**	PAW-FC-903EC PAW-FC-907EC	CZ-ANC3	CZ-64ESMC3	CZ-256ESMC3

Flex Air fan coils controls

Individual controllers						
Plogic	Tcontrol Easy	T-CONTROL POD	PAW-FC-903EC PAW-FC-907EC	PAW-FC-903AC PAW-FC-907AC	PAW-FC-RC1	TRM-FA

Rooftops

EECOi-W RT-Z H 105 - 140

R32

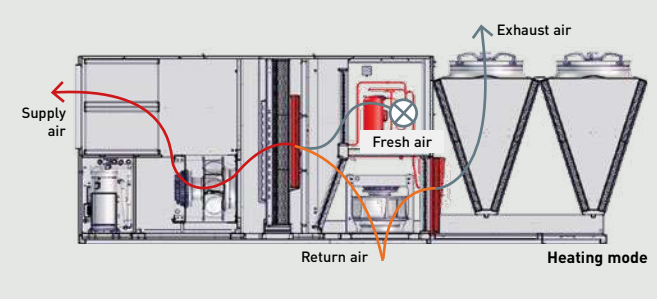


106 kW	142 kW
106 kW	139 kW
15 360 m³/h	30 600 m³/h



TRECO - thermodynamic energy recovery (3 dampers)

Active energy recovery between the exhaust air and the fresh air using dedicated thermodynamic system.



System connectivity

Manage the entire Panasonic HVAC portfolio from a single platform – on-site or remotely, 24/7.

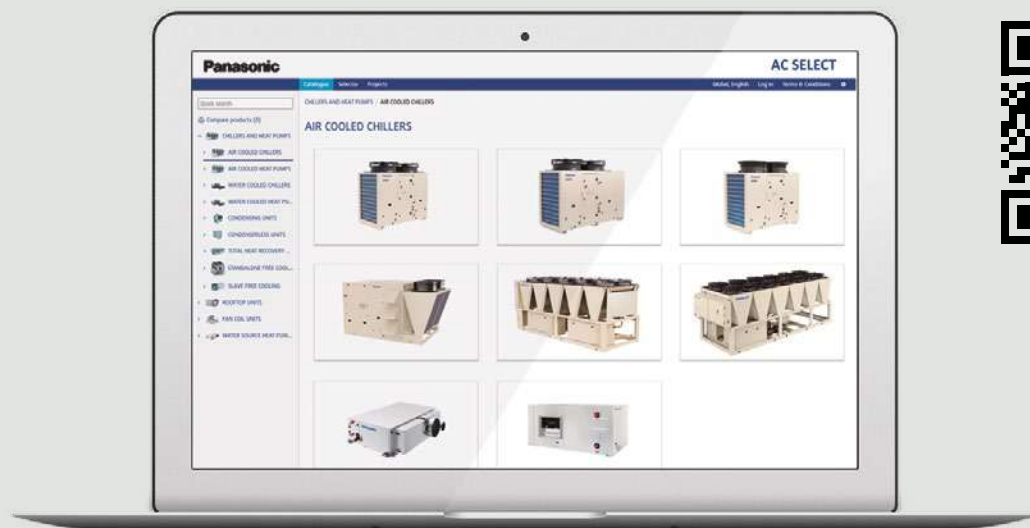
- Simplified commissioning | Optimised plant management | Advanced analytics
- Fully compatible with the complete Panasonic HVAC range - ECOi-W, ECOi EX, PACi NX, Aquarea, RAC
- Data ownership guaranteed – all data stored locally, never in the cloud
- Smart multiple sites managements with P-Smart Nexus (Optional)

A powerful smart control platform designed for the seamless management of the complete Panasonic HVAC range.

AC SELECT.

Smart and user-friendly selection tool.

Configure your air conditioning solution at required conditions: <https://acselect.panasonic.eu/>



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 the other refrigerant.
The outdoor units in this catalogue contains fluorinated greenhouse gases with a GWP higher than 150.

Panasonic®

To find out how Panasonic cares for you,
log on to: www.aircon.panasonic.eu

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Please refer to the detailed technical data in the technical manuals for the final design and installation.