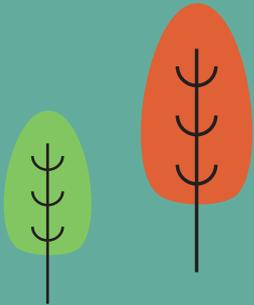




New Aquarea Price List

2020 — 2021

The world of heating and cooling is changing
with Panasonic



A desire to create things of value

"Recognising our responsibilities as industrialists, we will 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."

Panasonic Corporation's Basic Management Objective, formulated in 1929 by the company's founder, Konosuke Matsushita.



Panasonic becomes the first Japanese air conditioner manufacturer in Europe.



Introduces world's first simultaneous 3-Pipe heating/cooling VRF System.



Starts production of absorption chillers.



1958

1971

1973

1975

1985

1989



Panasonic launches the first highly efficient air-to-water heat pump in Japan.



First room air conditioner launched for domestic installation.



Introduces first GHP (gas heat pump) VRF air conditioner.

New Aquarea. Panasonic introduces Aquarea, an innovative new, low-energy system in Europe.



The first Hybrid System with VRF and GHP in Europe.



World's first air conditioner equipped with nanoe™



CO₂ condensing units in Europe. The ideal solution for supermarkets, shops and gas stations.



2008

2010

2012

2015

2016

2018

Looking ahead



Etherea new concept: high efficiency and high performances with a great design.



New VRF Systems ECOi EX with extraordinary energy saving performance.



New Panasonic GHP units. The gas-driven VRF Systems are ideal for projects where power restrictions apply.



Panasonic introduces a new Heat Pump Chiller series which is named as ECOi-W.

PRO Club. The professional website of Panasonic



Panasonic has an impressive range of support services for designers, specifiers, engineers and distributors working in the heating and cooling markets. Panasonic PRO Club is the online tool which makes your life easier! You just have to register and a lot of functionalities are freely available to you, where ever you are, from your computer or smartphone!

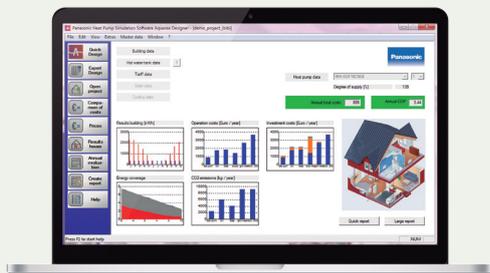
VRF Designer

Building on the success of the ECOi VRF Designer software, this package provides air conditioning system designers, installers and dealers with a program to design and size projects for Panasonic's VRF ranges.



Aquarea Designer

Panasonic provides bespoke software helping system designers, installers and dealers to very quickly design and size systems, create wiring diagrams and issue bills of quantities at the push of a button.



Panasonic helps you to calculate the system label

From 26th September 2015, installers can be assured that all products manufactured after this date will be sold with the required ErP labels which will aid installers with their paperwork. While it is the manufacturer's responsibility to issue their products with the required labels, the installers will need to calculate and issue an efficiency label for the entire heating system. Whether installing a new heating system or installing new boilers, controls or renewables into an existing system, it is, and will continue to be, the installer's responsibility to calculate and issue efficiency labels. Calculators which assist installers with this process are available on the Panasonic Heating and Cooling Solutions website.



PRO Club  Download on www.panasonicproclub.com or connect simply with your smartphone to the PRO Club using this QR



Panasonic, a partner with the knowledge and experience to achieve your objectives and green needs.

Integrated technology that permits better work, easy installation, high efficiency performance, and energy savings

Our main targets are the distributed services and B2B-integrated solutions.

Panasonic provides a single point of contact for the design and maintenance of your system, making things easy for you. Given our experience in processes, technologies and complex business models, we can offer you effective solutions that reduce costs, whilst also being efficient, user-friendly, reliable and innovative. Another advantage we offer to our clients is a support service for systems integration projects, which we provide through our wide range of services and solutions. As a global company, we have at our disposal the financial, logistical and technical resources to develop complex and wide-ranging solutions, both at country and international level by implementing them both on-time and on-budget.



Bulgaria's stand-out residential building with efficient HVAC solution. **Aquarea**



The new Hotel Vincci Gala with efficiency class A, up to 70 % save energy. Barcelona, Spain. **ECOi - ECO G**



New IKEA "Click and Collect" store in city centre. Birmingham, UK. **ECOi - ECO G**



9 high quality homes in Whittle-Le-Woods near Chorley, UK. **Aquarea**



Andalucia Technology Park. Offices of high energetic efficiency. Spain. **ECOi**



14 bubble style domes to bring a 180-degree transparent window to the nature. Belfast, Ireland. **Aquarea**



Madrid's new hotel Only You Atocha. The hotel has 206 rooms distributed over seven floors. **ECO G**



LIAIGRE showroom, well-known as a luxury design architect in Paris, France. **ECOi**



Marina Village Greystones. 205 apartments and 153 houses. Ireland. **Aquarea**



ITK Engineering GmbH. An innovative office building located in Germany. **ECOi - PACi**



Zalando's solution for its warehouse office conversion at Grand Canal Quay, Dublin. **ECOi**



NHS Canford house clinic, Bournemouth, UK. **VRF**

To find out more: www.aircon.panasonic.eu

AQUAREA



Welcome to Aquarea air to water heat pump

Aquarea's Air to Water Heat Pump for residential and commercial applications.

Offering capacities from 3 kW all the way through to 16 kW, the Aquarea Heat Pump Range is the widest on the market, ensuring a system is available, whatever your heating and cooling needs. Suitable for new build and refurbishment projects, the solutions are cost-effective with minimised environmental impact.

Aquarea J generation R32.

Aquarea is now available in R32, making Aquarea excellent choice for those who really care the environment. Aquarea J Series, the new generation designed for R32 refrigerant includes many other improvements: high piping range, chiller function cooling down to 10 °C, DHW COP up to 3,3, improved backup heater function for real bivalent function, SG Ready and PV function for cooling, heating curve down to -20 °C, fixed or auto water pump speed, magnet filter, efficient or comfort mode for DHW, and other improvements to bring more value and to make installation easier.

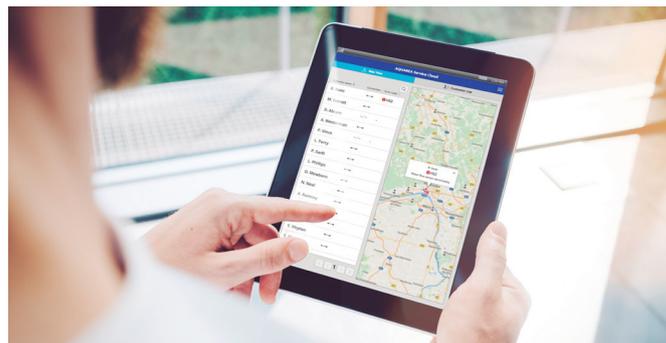


New Aquarea All in One Compact.

The Aquarea All in One Compact unit is the ultimate space-saving solution. Its 598 x 600 mm footprint, standard size of other big appliances, reduces the space required for the installation. Supplying efficient heating, the unit generates domestic hot water and stores it inside a 185L stainless steel tank with U-Vacua™ insulation to reduce energy losses. Being a real All-in-one unit, the number of additional components is reduced and the installation time is shortened.

Aquarea Service Cloud for professionals.

Aquarea Service Cloud will activate remote maintenance service while the end user is controlling and monitoring its heating and DHW remotely. This remote maintenance will save time and installation visits by connecting Aquarea to a powerful cloud infrastructure. Remote checker, remote error codes, remote set-up functions... all this will be possible by installers with CZ-TAW1 and end user acceptance.



New residential heat recovery solution.

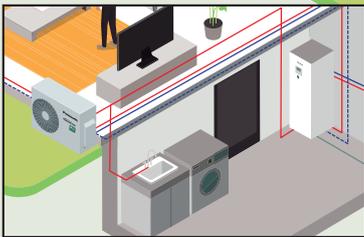
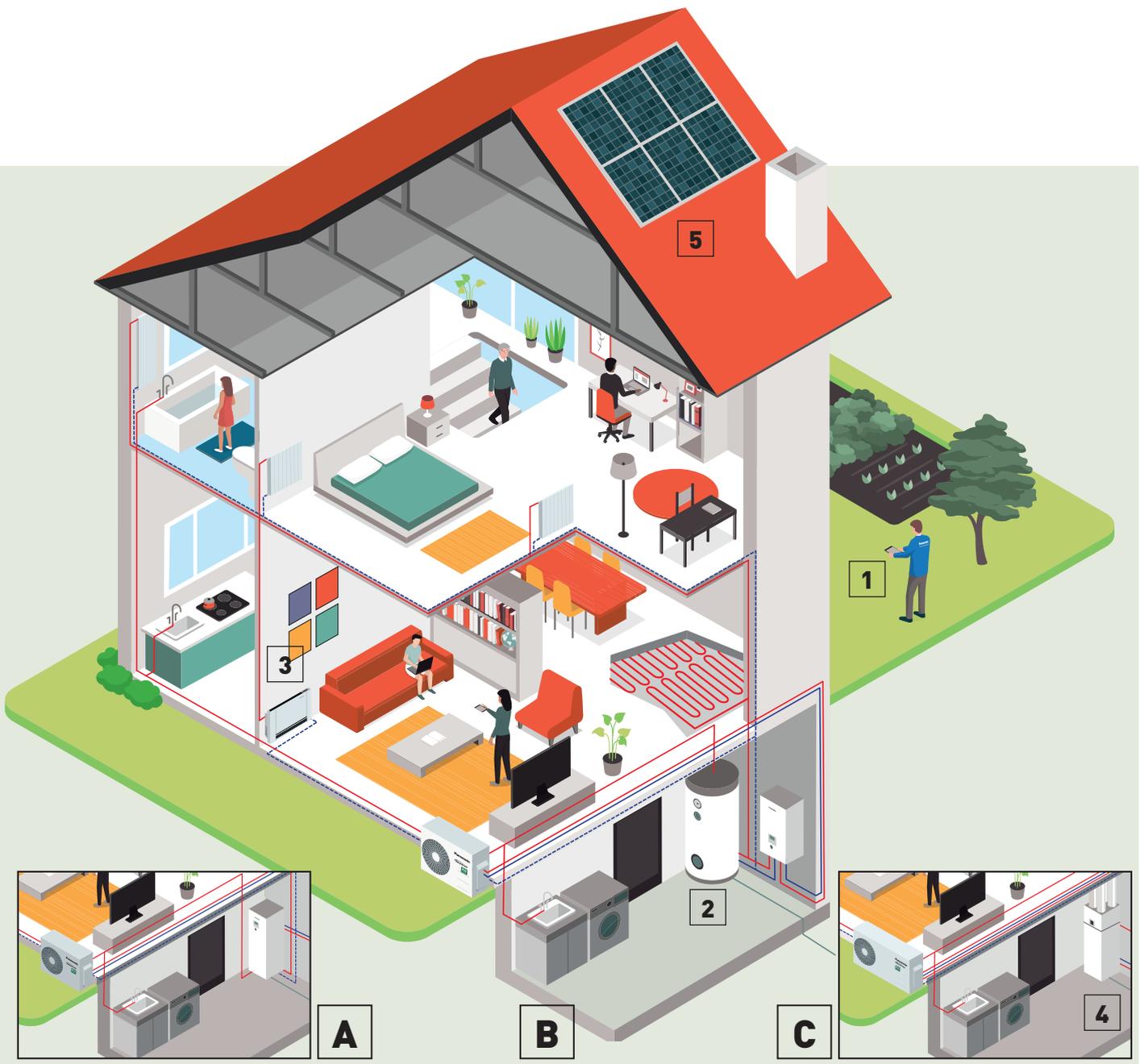
Ventilation systems with heat recovery offer users a high degree of living comfort thanks to temperature controlled and clean air. Heat recovery units in combination with Aquarea heat pump are the ideal solution for house owners which are looking for high performance and maximum comfort.

Advanced cascade control.

The Cascade Manager enables the control of up to 10 Aquarea heat pumps. Among others, it offers features like DHW logic, control of 3-way valves, Modbus IP for BMS communication, connection of up to 3 M-Bus electricity meters, PV demand functions, quick set-up and easy control by the integrated touch display.



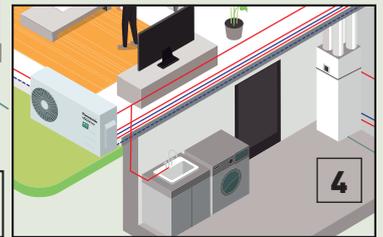
Aquarea Heat Pump Line-Up



A

B

C



4



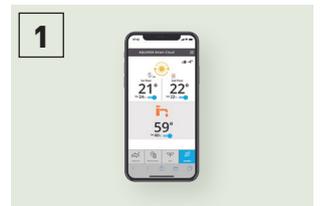
A All in One system.



B Bi-bloc system.



C Mono-bloc system.



1 Control through smartphone, tablet or computer (optional).



2 Super High Efficiency cylinder (optional).



3 Fan coils for heating and cooling (optional).



4 Heat Recovery Ventilation + DHW Tank (optional).



5 Heat Pump + HIT Photovoltaic solar panel (optional).

Panasonic Aquarea offers you solutions, helping to make the home more efficient and the installation cheaper and easier.

Aquarea High Performance

For new installations and low consumption homes.

Outstanding efficiency and energy savings with minimised CO₂ emissions and minimum space. Improved performance with COPs up to 5,33.

Aquarea T-CAP

For extremely low temperatures, refurbishment and innovation.

Ideal to ensure that the heating capacity is maintained even at very low temperatures. This line-up is able to maintain the heat pump output capacity until -20 °C outdoor temperature without the help of an electrical booster heater.

Aquarea HT

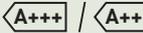
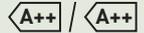
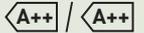
For a house with old high-temperature radiators.

Ideal for retrofit: green energy source works with existing radiators. Aquarea HT Solution is the most appropriate, providing output water temperatures of 65 °C even at outdoor temperatures as low as -15 °C.

DHW Stand Alone

Highly efficient heat pump water heater.

Ideal to cover the hot water needs of a family house, stand alone DHW heat pumps are designed to provide maximum comfort and savings in the production of DHW. Consumption of the A+ DHW heat pump is reduced by 75 % compared with traditional electric water heaters.

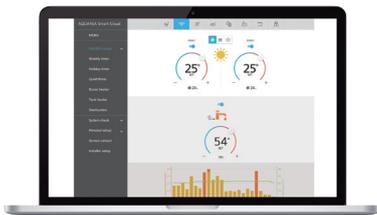
| Aquarea High Performance | Aquarea T-CAP | Aquarea HT | DHW Stand Alone |
|--|---|--|---|
|  |  |  |  |
| Heating - Cooling - DHW Single Phase from 3 to 16 kW Three Phase from 9 to 16 kW | Heating - Cooling - DHW Single Phase from 9 to 12 kW Three Phase from 9 to 16 kW | Heating - DHW Single Phase from 9 to 12 kW Three Phase from 9 to 12 kW | Only DHW From 100 to 270L |
| Connectable to | | | |
|  |  |  |  |
| Radiators - Fan coil - Underfloor heating - DHW | Radiators - Fan coil - Underfloor heating - DHW | Traditional high-temperature radiators - DHW | Domestic hot water |
| Application | | | |
|  |  |  |  |
| Normal installation | For extreme cold ambient | Retrofit for old radiators | Only DHW |
| Energy efficiency | | | |
|  |  |  |  |
| Heating 35 °C / 55 °C | Heating 35 °C / 55 °C | Heating 35 °C / 55 °C | DHW 50 ~ 62 °C |
| Minimum outdoor temperature | | | |
| -20 °C | -28 °C | -20 °C | -5 °C |
| Minimum outdoor temperature to provide constant capacity at 35 °C supply water temperature | | | |
| -7 °C (not for all units) | -20 °C ¹⁾ | -15 °C | — |
| Supply temperature for heating. Maximum / Heat pump only | | | |
| 75 °C ²⁾ / 55 °C ³⁾ (or 60 °C for Aquarea J Generation) | 75 °C ²⁾ / 60 °C ³⁾ | 75 °C ²⁾ / 65 °C | — |
| Control and connectivity | | | |
| Smart Grid Ready ⁴⁾ Wireless LAN Ready | Smart Grid Ready ⁴⁾ Wireless LAN Ready | Smart Grid Ready ⁴⁾ Wireless LAN Ready | — |
| Range | | | |
| Bi-bloc from 3 to 16 kW Mono-bloc from 5 to 16 kW All in One from 3 to 16 kW (185L) | Bi-bloc from 9 to 16 kW Mono-bloc from 9 to 16 kW All in One from 9 to 16 kW (185L) | Bi-bloc from 9 to 12 kW Mono-bloc from 9 to 12 kW | Wall-mounted 100 and 150L Floor-standing 200 and 270L |

All data in this chart is applicable in most of models in each line up, check product specs to confirm. 1) 9 and 12 kW. 2) DHW maximum temperature with heater. 3) In case of outdoor temperature over -10 °C. 4) H Generation with CZ-NS4P, F and G Generation with Heat Pump Manager. * DHW Stand Alone is produced by S.A.T.E.

Aquarea Smart Cloud for end users

The most advanced heating control for today and for the future. Aquarea can be connected to the Cloud with CZ-TAW1, enabling both end user control and remote maintenance by service partners.

WATCH DEMO ▶



* User interface image may change without notification.

Easy and powerful energy management

The Aquarea Smart Cloud is much more than a simple thermostat for switching a heating device ON or OFF. It is a powerful and intuitive service for remotely controlling the full range of heating and hot water functions, including monitoring energy consumption.

How does it work?

After connecting an Aquarea J or H generation to the cloud by wireless LAN or by wired LAN, the user accesses the Cloud portal to remotely operate all functions of his units. He can also permit service partners to access customised functions for remote maintenance and monitoring.

Requirements

1. Aquarea J or H Generation
2. In-house internet connection with router wireless LAN or wired LAN
3. Get a Panasonic ID in <https://aquarea-smart.panasonic.com/>

Functions:

- Visualisation and Control
- Scheduling
- Energy Statistics
- Malfunction notification



More possibilities with IFTTT.
IF This Then That: IFTTT service enables user to automatically trigger actions for Aquarea system based on other apps, web services or devices.

Connect your Aquarea to your voice assistant, get an e-mail if your Aquarea gets an error or automatically turn on your Aquarea on Heat Mode when outdoor temperature drops below specified level.



https://ifttt.com/aquarea_smart_cloud

Advantages

Energy savings, comfort and control from anywhere. Increased efficiency and resources management, operating costs savings and owner satisfaction. The Aquarea Smart Cloud services are focused on enabling full remote maintenance of the Aquarea system. This allows maintenance specialists to engage in predictive maintenance and system fine-tuning, as well as fixing malfunctions when they occur.

| | |
|--|----------------------------------|
| Aquarea compatibility | J and H Generation |
| Connection point | CN-CNT Aquarea port |
| Home router connection | Wireless or Wired LAN |
| Temperature sensor | Can use remote controller sensor |
| Tablet or PC browser compatibility* | Yes |
| Operation from remote — ON/OFF — Temperature setting Mode selection — DHW setting — Error codes — Scheduling | Yes |
| Heating areas | Up to 2 zones |
| Power consumption estimation — Operation log history | Yes — Yes |

* Check browsers and version compatibility.

Aquarea Service Cloud for Installers / Maintenance

WATCH DEMO



The real remote maintenance made simple

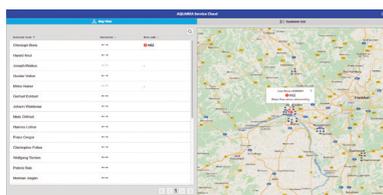
The Aquarea Service Cloud allows installers to take care of their customers' heating systems remotely. It saves time and money and shortens the response time, thus increasing the customers' satisfaction.

Advanced functions for remote maintenance with professional screens:

- Global view at a glance
- Error log history
- Full unit information
- Statistics always available
- Most settings available

Home page.

Status of connected users at a glance. 2 view options: map view or list view.



Status tab.

Current status of unit with a maximum 28 parameters.



Statistics tab.

Customisable statistics of a maximum of 73 parameters. Available anytime with the information of the last 7 days.



Settings tab.

Most of the user and installer settings can be done remotely.



Activation of the Aquarea Service Cloud

Requirements.

| Hardware and connection | End user registration | Installer / maintenance registration |
|---|-----------------------|--------------------------------------|
| J or H Generation Aquarea connected to CZ-TAW1 | Get Panasonic ID | Get Service ID |
| In-house internet connection with Wireless LAN or Wired LAN | Aquarea Smart Cloud | Aquarea Service Cloud |

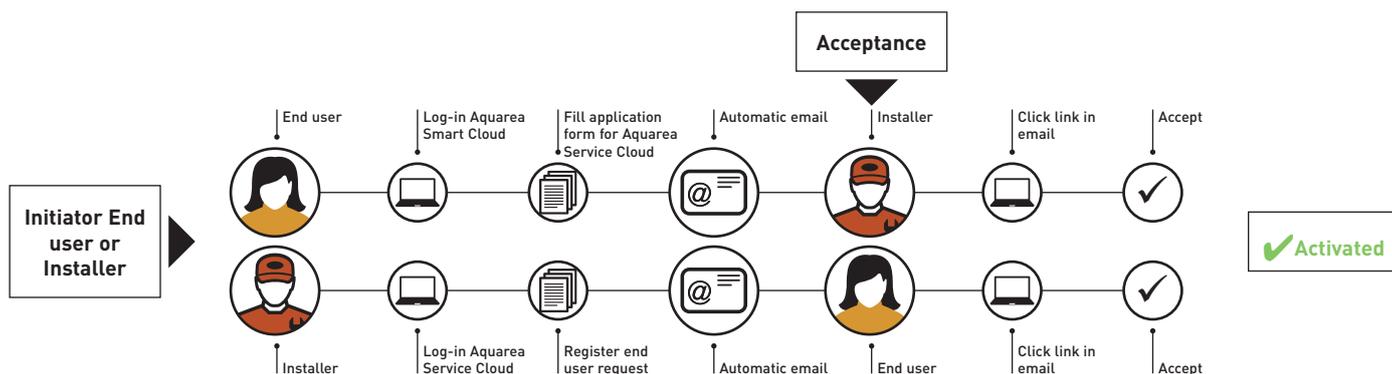
Connecting the unit to the Aquarea Service Cloud.

The process can be initiated by the end user or by the installer.

The end user can select and change the installer's level of control anytime (4 levels).

Installer registration: <https://aquarea-service.panasonic.com/>

End user registration: <https://aquarea-smart.panasonic.com/>



Aquarea Heat Pumps Line-Up

| | | 3 kW | 5 kW | 7 kW |
|--|---|---|---|---|
| Aquarea High Performance P. 14, 18, 19 | All in One 1 Phase 3 Phase |  WH-ADC0309J3E5UK WH-ADC0309J3E5B WH-UD03JE5 WH-ADC0309H3E5UK WH-ADC0309H3E5B WH-UD03HE5-1 |  WH-ADC0309J3E5UK WH-ADC0309J3E5B WH-UD05JE5 WH-ADC0309H3E5UK WH-ADC0309H3E5B WH-UD05HE5-1 |  WH-ADC0309J3E5UK WH-ADC0309J3E5B WH-UD07JE5 WH-ADC0309H3E5UK WH-ADC0309H3E5B WH-UD07HE5-1 |
| |  | | | |
| P. 15 | All in One Compact 1 Phase |  WH-ADC0309J3E5C ¹⁾ WH-UD03JE5 |  WH-ADC0309J3E5C ¹⁾ WH-UD05JE5 |  WH-ADC0309J3E5C ¹⁾ WH-UD07JE5 |
| |  | | | |
| P. 16, 22, 23 | Bi-bloc 1 Phase 3 Phase |  WH-SDC0305J3E5 WH-UD03JE5 WH-SDC03H3E5-1 WH-UD03HE5-1 |  WH-SDC0305J3E5 WH-UD05JE5 WH-SDC05H3E5-1 WH-UD05HE5-1 |  WH-SDC0709J3E5 WH-UD07JE5 WH-SDC07H3E5-1 WH-UD07HE5-1 |
| |  | | | |
| P. 17, 26 | Mono-bloc 1 Phase | |  WH-MDC05J3E5 ²⁾ WH-MDC05H3E5 |  WH-MDC07J3E5 ²⁾ WH-MDC07H3E5 |
| |  | | | |
| Aquarea T-CAP P. 20, 21 | All in One 1 Phase 3 Phase | | | |
| |  | | | |
| P. 24, 25 | Bi-bloc 1 Phase 3 Phase | | | |
| |  | | | |
| P. 27 | Mono-bloc 1 Phase 3 Phase | | | |
| |  | | | |
| Aquarea HT P. 28 | Bi-bloc 1 Phase 3 Phase | | | |
| |  | | | |
| P. 29 | Mono-bloc 1 Phase | | | |
| |  | | | |

 Heating,
  Cooling,
  DHW. WH-__E5 1 Phase // WH-__E8 3 Phase. Green references refer to R32 models. 1) Available in Autumn 2020. 2) Available in May 2020.



9 kW



WH-ADC0309J3E5UK
 WH-ADC0309J3E5B
 WH-UD09JE5-1
 WH-ADC0309H3E5UK
 WH-ADC0309H3E5B
 WH-UD09HE5-1
 WH-ADC0916H9E8
 WH-UD09HE8

12 kW



WH-ADC1216H6E5UK
 WH-UD12HE5
 WH-ADC0916H9E8
 WH-UD12HE8

16 kW



WH-ADC1216H6E5UK
 WH-UD16HE5
 WH-ADC0916H9E8
 WH-UD16HE8



WH-ADC0309J3E5C ¹⁾
 WH-UD09JE5-1



WH-SDC0709J3E5
 WH-UD09JE5-1
 WH-SDC09H3E5-1
 WH-UD09HE5-1
 WH-SDC09H3E8
 WH-UD09HE8



WH-SDC12H6E5
 WH-UD12HE5
 WH-SDC12H9E8
 WH-UD12HE8



WH-SDC16H6E5
 WH-UD16HE5
 WH-SDC16H9E8
 WH-UD16HE8



WH-MDC09J3E5 ²⁾
 WH-MDC09H3E5



WH-MDC12H6E5



WH-MDC16H6E5



WH-ADC1216H6E5UK
 WH-UX09HE5
 WH-ADC0916H9E8
 WH-UX09HE8
 WH-ADC0916H9E8
 WH-UQ09HE8



WH-ADC1216H6E5UK
 WH-UX12HE5
 WH-ADC0916H9E8
 WH-UX12HE8
 WH-ADC0916H9E8
 WH-UQ12HE8



WH-ADC0916H9E8
 WH-UX16HE8
 WH-ADC0916H9E8
 WH-UQ16HE8



WH-SXC09H3E5
 WH-UX09HE5
 WH-SXC09H3E8
 WH-UX09HE8
 WH-SQC09H3E8
 WH-UQ09HE8



WH-SXC12H6E5
 WH-UX12HE5
 WH-SXC12H9E8
 WH-UX12HE8
 WH-SQC12H9E8
 WH-UQ12HE8



WH-SXC16H9E8
 WH-UX16HE8
 WH-SQC16H9E8
 WH-UQ16HE8



WH-MXC09H3E5
 WH-MXC09H3E8



WH-MXC12H6E5
 WH-MXC12H9E8



WH-MXC16H9E8



WH-SHF09F3E5
 WH-UH09FE5
 WH-SHF09F3E8
 WH-UH09FE8



WH-SHF12F6E5
 WH-UH12FE5
 WH-SHF12F9E8
 WH-UH12FE8



WH-MHF09G3E5



WH-MHF12G6E5



CZ-TAW1
Cloud connection.
For user control
and installer
remote
maintenance.

Aquarea High Performance All in One J Generation Single Phase. Heating and Cooling 1 or 2 zones • R32 refrigerant

| Tentative Data | | | Single Phase (Power to indoor) | | | |
|--|-----------------------|--------------|--------------------------------|-------------------------|-------------------------|-------------------------|
| Kit* 1 zone (for 2 zone add B at the end) | | | KIT-ADC03JE5 | KIT-ADC05JE5 | KIT-ADC07JE5 | KIT-ADC09JE5-1 |
| Heating capacity / COP [A +7 °C, W 35 °C] | kW / COP | | 3,20/5,33 | 5,00/5,00 | 7,00/4,76 | 9,00/4,48 |
| Heating capacity / COP [A +7 °C, W 55 °C] | kW / COP | | 3,20/2,81 | 5,00/2,72 | 7,00/2,82 | 8,95/2,78 |
| Heating capacity / COP [A +2 °C, W 35 °C] | kW / COP | | 3,20/3,64 | 4,20/3,18 | 6,85/3,41 | 7,00/3,40 |
| Heating capacity / COP [A +2 °C, W 55 °C] | kW / COP | | 3,20/2,19 | 4,10/1,99 | 6,20/2,21 | 6,30/2,16 |
| Heating capacity / COP [A -7 °C, W 35 °C] | kW / COP | | 3,30/2,80 | 4,20/2,59 | 5,60/2,87 | 6,12/2,78 |
| Heating capacity / COP [A -7 °C, W 55 °C] | kW / COP | | 3,20/1,79 | 3,55/1,71 | 5,25/1,94 | 5,90/1,93 |
| Cooling capacity / EER [A 35 °C, W 7 °C] | kW / EER | | 3,20/3,52 | 4,50/3,00 | 6,70/3,03 | 8,20/2,72 |
| Cooling capacity / EER [A 35 °C, W 18 °C] | kW / EER | | 3,20/4,85 | 4,80/4,29 | 6,70/4,72 | 9,00/4,18 |
| Seasonal energy efficiency - Heating Average Climate (W35 °C / W55 °C) | ETA % | | 200/136 | 200/136 | 193/130 | 193/130 |
| | SCOP | | 5,07/3,47 | 5,07/3,47 | 4,90/3,32 | 4,90/3,32 |
| Energy Class Heating Average Climate (W35 °C / W55 °C) | A+++ to D | | A+++/A+++ | A+++/A+++ | A+++/A+++ | A+++/A+++ |
| | ETA % | | 245/165 | 245/165 | 227/160 | 227/160 |
| Seasonal energy efficiency - Heating Warm Climate (W35 °C / W55 °C) | SCOP | | 6,20/4,20 | 6,20/4,20 | 5,75/4,07 | 5,75/4,07 |
| | A+++ to D | | A+++/A+++ | A+++/A+++ | A+++/A+++ | A+++/A+++ |
| Seasonal energy efficiency - Heating Cold Climate (W35 °C / W55 °C) | ETA % | | 157/110 | 157/110 | 164/116 | 164/116 |
| | SCOP | | 4,00/2,83 | 4,00/2,83 | 4,18/2,98 | 4,18/2,98 |
| Energy Class Heating Cold Climate (W35 °C / W55 °C) | A+++ to D | | A++/A+ | A++/A+ | A++/A+ | A++/A+ |
| Indoor unit 1 zone hydrokit | | | WH-ADC0309J3E5UK | WH-ADC0309J3E5UK | WH-ADC0309J3E5UK | WH-ADC0309J3E5UK |
| Indoor unit 2 zones built-in hydrokit | | | WH-ADC0309J3E5B | WH-ADC0309J3E5B | WH-ADC0309J3E5B | WH-ADC0309J3E5B |
| Sound pressure | Heat / Cool | dB(A) | 28/28 | 28/28 | 28/28 | 28/28 |
| Dimension | HxWxD | mm | 1800x598x717 | 1800x598x717 | 1800x598x717 | 1800x598x717 |
| Net weight 1 zone / 2 zones | | kg | 122/130 | 122/130 | 122/130 | 122/130 |
| Water pipe connector | | Inch | R 1¼ | R 1¼ | R 1¼ | R 1¼ |
| A class pump | Number of speeds | | Variable Speed | Variable Speed | Variable Speed | Variable Speed |
| | Input power (Min/Max) | W | 30/120 | 30/120 | 30/120 | 30/120 |
| Heating water flow (ΔT=5 K, 35 °C) | | L/min | 9,20 | 14,30 | 20,10 | 25,80 |
| Capacity of integrated electric heater | | kW | 3,00 | 3,00 | 3,00 | 3,00 |
| Recommended fuse | | A | 16/16 | 16/16 | 25/16 | 25/16 |
| Recommended cable size, supply 1 / 2 | | mm² | 3x1,5/3x1,5 | 3x1,5/3x1,5 | 3x2,5/3x1,5 | 3x2,5/3x1,5 |
| Water volume | | L | 185 | 185 | 185 | 185 |
| Maximum water temperature | | °C | 65 | 65 | 65 | 65 |
| Material inside tank | | | Stainless steel | Stainless steel | Stainless steel | Stainless steel |
| Tapping profile according EN16147 | | | L | L | L | L |
| DHW Tank ERP Average climate efficiency rating | | A+ to F | A+ | A+ | A+ | A+ |
| DHW Tank ERP Warm climate efficiency rating | | A+ to F | A+ | A+ | A+ | A+ |
| DHW Tank ERP Cold climate efficiency rating | | A+ to F | A | A | A | A |
| DHW Tank ERP Average climate ETA / SCOP | | ETA % / SCOP | 132/3,30 | 132/3,30 | 120/3,00 | 120/3,00 |
| DHW Tank ERP Warm climate ETA / SCOP | | ETA % / SCOP | 155/3,88 | 155/3,88 | 140/3,50 | 140/3,50 |
| DHW Tank ERP Cold climate ETA / SCOP | | ETA % / SCOP | 99/2,48 | 99/2,48 | 99/2,47 | 99/2,47 |
| Outdoor unit | | | WH-UD03JE5 | WH-UD05JE5 | WH-UD07JE5 | WH-UD09JE5-1 |
| Sound power part load | Heat | dB | 55 | 55 | 59 | 59 |
| Sound power full load | Heat / Cool | dB | 60/61 | 64/64 | 68/67 | 69/69 |
| Dimension / Net weight | HxWxD | mm / kg | 622x824x298/37 | 622x824x298/37 | 795x875x320/61 | 795x875x320/61 |
| Refrigerant (R32) / CO ₂ Eq. | | kg / T | 0,9/0,608 | 0,9/0,608 | 1,27/0,857 | 1,27/0,857 |
| Pipe diameter | Liquid / Gas | Inch (mm) | 1/4 (6,35)/1/2 (12,70) | 1/4 (6,35)/1/2 (12,70) | 1/4 (6,35)/5/8 (15,88) | 1/4 (6,35)/5/8 (15,88) |
| Pipe length range / Elevation difference (in/out) | | m / m | 3-25/20 | 3-25/20 | 3-50/30 | 3-50/30 |
| Pipe length for additional gas / Additional gas amount | | m / g/m | 10/20 | 10/20 | 10/25 | 10/25 |
| Operation range | Outdoor ambient | °C | -20-+35 | -20-+35 | -20-+35 | -20-+35 |
| Water outlet | Heat / Cool | °C | 20-60/5-20 | 20-60/5-20 | 20-60/5-20 | 20-60/5-20 |
| Kit 1 zone hydrokit Price | | € | 5670 | 5743 | 5849 | 5995 |
| Indoor unit 1 zone Price | | € | 4313 | 4313 | 4313 | 4313 |
| Kit 2 zones built-in hydrokit Price | | € | 6152 | 6225 | 6331 | 6477 |
| Indoor unit 2 zones Price | | € | 4795 | 4795 | 4795 | 4795 |
| Outdoor unit Price | | € | 1357 | 1430 | 1536 | 1682 |

| Accessories | Price € |
|---|------------|
| PAW-ADC-PREKIT-1 Piping pre installation kit for J Generation | 495 |
| PAW-ADC-CV150 Decorative magnetic side cover | 149 |
| CZ-TAW1 Aquarea Smart Cloud for remote control and maintenance through wireless or wired LAN | 185 |

| Accessories | Price € |
|--|------------|
| CZ-NS4P Additional functions PCB | 159 |
| PAW-A2W-RTWIRED Room thermostat | 126 |
| PAW-A2W-RTWIRELESS Wireless LCD room thermostat | 191 |

EER and COP calculation is based in accordance to EN14511. Sound pressure measured at 1 m from the outdoor unit and at 1,5 m height. Heating sound pressure measured at +7 °C (heating water at 55 °C). Insulated tested under EN12897.

This product is designed to comply with the European Water Quality Directive 98/83/EC amended by 2015/1787/EU. The lifespan of the product is not guaranteed in the case of the use of groundwater, such as spring water or well water, the use of tap water when salt or other impurities are contained, nor in areas of acidic water quality. Maintenance and warranty costs related to these cases are the customer's responsibility.



INTERNET CONTROL: Optional. GOOD DESIGN AWARD 2017: Indoor units All in One and Bi-bloc H Generation awarded with the prestigious Good Design Award 2017.

NEW
2020

CZ-TAW1
Cloud connection.
For user control
and installer
remote
maintenance.

NEW Aquarea High Performance All in One Compact J Generation Single Phase. Heating and Cooling • R32 refrigerant

| | | | Single Phase (Power to indoor) | | | |
|--|-----------------------|-----------------|--------------------------------|------------------------|------------------------|------------------------|
| Kit | | | KIT-ADC03JE5C | KIT-ADC05JE5C | KIT-ADC07JE5C | KIT-ADC09JE5C-1 |
| Heating capacity / COP (A +7 °C, W 35 °C) | kW / COP | | 3,20/5,33 | 5,00/5,00 | 7,00/4,76 | 9,00/4,48 |
| Heating capacity / COP (A +7 °C, W 55 °C) | kW / COP | | 3,20/2,81 | 5,00/2,72 | 7,00/2,82 | 8,95/2,78 |
| Heating capacity / COP (A +2 °C, W 35 °C) | kW / COP | | 3,20/3,64 | 4,20/3,18 | 6,85/3,41 | 7,00/3,40 |
| Heating capacity / COP (A +2 °C, W 55 °C) | kW / COP | | 3,20/2,19 | 4,10/1,99 | 6,20/2,21 | 6,30/2,16 |
| Heating capacity / COP (A -7 °C, W 35 °C) | kW / COP | | 3,30/2,80 | 4,20/2,59 | 5,60/2,87 | 6,12/2,78 |
| Heating capacity / COP (A -7 °C, W 55 °C) | kW / COP | | 3,20/1,79 | 3,55/1,71 | 5,25/1,94 | 5,90/1,93 |
| Cooling capacity / EER (A 35 °C, W 7 °C) | kW / EER | | 3,20/3,52 | 4,50/3,00 | 6,70/3,03 | 8,20/2,72 |
| Cooling capacity / EER (A 35 °C, W 18 °C) | kW / EER | | 3,20/4,85 | 4,80/4,29 | 6,70/4,72 | 9,00/4,18 |
| Seasonal energy efficiency - Heating Average Climate (W35 °C / W55 °C) | ETA % | | 200/136 | 200/136 | 193/130 | 193/130 |
| | SCOP | | 5,07/3,47 | 5,07/3,47 | 4,90/3,32 | 4,90/3,32 |
| Energy Class Heating Average Climate (W35 °C / W55 °C) | | | A+++ to D | A+++ to D | A+++ to D | A+++ to D |
| Seasonal energy efficiency - Heating Warm Climate (W35 °C / W55 °C) | ETA % | | 245/165 | 245/165 | 227/160 | 227/160 |
| | SCOP | | 6,20/4,20 | 6,20/4,20 | 5,75/4,07 | 5,75/4,07 |
| Energy Class Heating Warm Climate (W35 °C / W55 °C) | | | A+++ to D | A+++ to D | A+++ to D | A+++ to D |
| Seasonal energy efficiency - Heating Cold Climate (W35 °C / W55 °C) | ETA % | | 157/110 | 157/110 | 164/116 | 164/116 |
| | SCOP | | 4,00/2,83 | 4,00/2,83 | 4,18/2,98 | 4,18/2,98 |
| Energy Class Heating Cold Climate (W35 °C / W55 °C) | | | A+++ to D | A+++ to D | A+++ to D | A+++ to D |
| Indoor unit | | | WH-ADC0309J3E5C | WH-ADC0309J3E5C | WH-ADC0309J3E5C | WH-ADC0309J3E5C |
| Sound pressure | Heat / Cool | dB(A) | 28/28 | 28/28 | 28/28 | 28/28 |
| Dimension | HxWxD | mm | 1650x598x600 | 1650x598x600 | 1650x598x600 | 1650x598x600 |
| Net weight | | kg | — | — | — | — |
| Water pipe connector | | Inch | R 1/4 | R 1/4 | R 1/4 | R 1/4 |
| A class pump | Number of speeds | | Variable Speed | Variable Speed | Variable Speed | Variable Speed |
| | Input power (Min/Max) | W | 30/120 | 30/120 | 30/120 | 30/120 |
| Heating water flow (ΔT=5 K, 35 °C) | | L/min | 9,20 | 14,30 | 20,10 | 25,80 |
| Capacity of integrated electric heater | | kW | 3,00 | 3,00 | 3,00 | 3,00 |
| Recommended fuse | | A | 16/16 | 16/16 | 25/16 | 25/16 |
| Recommended cable size, supply 1 / 2 | | mm ² | 3x1,5/3x1,5 | 3x1,5/3x1,5 | 3x2,5/3x1,5 | 3x2,5/3x1,5 |
| Water volume | | L | 185 | 185 | 185 | 185 |
| Maximum water temperature | | °C | 65 | 65 | 65 | 65 |
| Material inside tank | | | Stainless steel | Stainless steel | Stainless steel | Stainless steel |
| Tapping profile according EN16147 | | | L | L | L | L |
| DHW Tank ERP Average climate efficiency rating | A+ to F | | A+ | A+ | A+ | A+ |
| DHW Tank ERP Warm climate efficiency rating | A+ to F | | A+ | A+ | A+ | A+ |
| DHW Tank ERP Cold climate efficiency rating | A+ to F | | A | A | A | A |
| DHW Tank ERP Average climate ETA / SCOP | ETA % / SCOP | | 132/3,30 | 132/3,30 | 120/3,00 | 120/3,00 |
| DHW Tank ERP Warm climate ETA / SCOP | ETA % / SCOP | | 155/3,88 | 155/3,88 | 140/3,50 | 140/3,50 |
| DHW Tank ERP Cold climate ETA / SCOP | ETA % / SCOP | | 99/2,48 | 99/2,48 | 99/2,47 | 99/2,47 |
| Outdoor unit | | | WH-UD03JE5 | WH-UD05JE5 | WH-UD07JE5 | WH-UD09JE5-1 |
| Sound power part load | Heat | dB | 55 | 55 | 59 | 59 |
| Sound power full load | Heat / Cool | dB | 60/61 | 64/64 | 68/67 | 69/69 |
| Dimension / Net weight | HxWxD | mm / kg | 622x824x298/37 | 622x824x298/37 | 795x875x320/61 | 795x875x320/61 |
| Refrigerant (R32) / CO ₂ , Eq. | | kg / T | 0,9/0,608 | 0,9/0,608 | 1,27/0,857 | 1,27/0,857 |
| Pipe diameter | Liquid / Gas | Inch (mm) | 1/4 (6,35)/1/2 (12,70) | 1/4 (6,35)/1/2 (12,70) | 1/4 (6,35)/5/8 (15,88) | 1/4 (6,35)/5/8 (15,88) |
| Pipe length range / Elevation difference (in/out) | | m / m | 3-25/20 | 3-25/20 | 3-50/30 | 3-50/30 |
| Pipe length for additional gas / Additional gas amount | | m / g/m | 10/20 | 10/20 | 10/25 | 10/25 |
| Operation range | Outdoor ambient | °C | -20 ~ +35 | -20 ~ +35 | -20 ~ +35 | -20 ~ +35 |
| Water outlet | Heat / Cool | °C | 20 ~ 60/5 ~ 20 | 20 ~ 60/5 ~ 20 | 20 ~ 60/5 ~ 20 | 20 ~ 60/5 ~ 20 |
| Kit Price | | € | 5277 | 5350 | 5456 | 5602 |
| Indoor unit Price | | € | 3920 | 3920 | 3920 | 3920 |
| Outdoor unit Price | | € | 1357 | 1430 | 1536 | 1682 |

| Accessories | | Price € |
|----------------|--|---------|
| CZ-TAW1 | Aquarea Smart Cloud for remote control and maintenance through wireless or wired LAN | 185 |
| CZ-NS4P | Additional functions PCB | 159 |

| Accessories | | Price € |
|----------------------------|------------------------------|---------|
| PAW-A2W-RTWIRED | Room thermostat | 126 |
| PAW-A2W-RTWIREDLESS | Wireless LCD room thermostat | 191 |

EER and COP calculation is based in accordance to EN14511. Sound pressure measured at 1 m from the outdoor unit and at 1,5 m height. Heating sound pressure measured at +7 °C (heating water at 55 °C). Insulated tested under EN12897. * Available in Autumn 2020.

This product is designed to comply with the European Water Quality Directive 98/83/EC amended by 2015/1787/EU. The lifespan of the product is not guaranteed in the case of the use of groundwater, such as spring water or well water, the use of tap water when salt or other impurities are contained, nor in areas of acidic water quality. Maintenance and warranty costs related to these cases are the customer's responsibility.



INTERNET CONTROL: Optional.


GOOD DESIGN

 011-1W0207
 011-1W0208
 011-1W0209

CZ-TAW1
 Cloud connection.
 For user control
 and installer
 remote
 maintenance.

Aquarea High Performance Bi-bloc J Generation Single Phase. Heating and Cooling - SDC • R32 refrigerant

| | | | Single Phase (Power to indoor) | | | |
|--|-----------------------|-----------|--------------------------------|--------------------------|--------------------------|--------------------------|
| Kit | | | KIT-WC03J3E5 | KIT-WC05J3E5 | KIT-WC07J3E5 | KIT-WC09J3E5 |
| Heating capacity / COP (A +7 °C, W 35 °C) | kW / COP | | 3,20/5,33 | 5,00/5,00 | 7,00/4,76 | 9,00/4,48 |
| Heating capacity / COP (A +7 °C, W 55 °C) | kW / COP | | 3,20/2,81 | 5,00/2,72 | 7,00/2,82 | 8,95/2,78 |
| Heating capacity / COP (A +2 °C, W 35 °C) | kW / COP | | 3,20/3,64 | 4,20/3,18 | 6,85/3,41 | 7,00/3,40 |
| Heating capacity / COP (A +2 °C, W 55 °C) | kW / COP | | 3,20/2,19 | 4,10/1,99 | 6,20/2,21 | 6,30/2,16 |
| Heating capacity / COP (A -7 °C, W 35 °C) | kW / COP | | 3,30/2,80 | 4,20/2,59 | 5,60/2,87 | 6,12/2,78 |
| Heating capacity / COP (A -7 °C, W 55 °C) | kW / COP | | 3,20/1,79 | 3,55/1,71 | 5,25/1,94 | 5,90/1,93 |
| Cooling capacity / EER (A 35 °C, W 7 °C) | kW / EER | | 3,20/3,52 | 4,50/3,00 | 6,70/3,03 | 8,20/2,72 |
| Cooling capacity / EER (A 35 °C, W 18 °C) | kW / EER | | 3,20/4,85 | 4,80/4,29 | 6,70/4,72 | 9,00/4,18 |
| Seasonal energy efficiency - Heating Average Climate (W35 °C / W55 °C) | ETA % | | 200/136 | 200/136 | 193/130 | 193/130 |
| | SCOP | | 5,07/3,47 | 5,07/3,47 | 4,90/3,32 | 4,90/3,32 |
| Energy Class Heating Average Climate (W35 °C / W55 °C) | A+++ to D | | A+++ / A++ | A+++ / A++ | A+++ / A++ | A+++ / A++ |
| Seasonal energy efficiency - Heating Warm Climate (W35 °C / W55 °C) | ETA % | | 245/165 | 245/165 | 227/160 | 227/160 |
| | SCOP | | 6,20/4,20 | 6,20/4,20 | 5,75/4,07 | 5,75/4,07 |
| Energy Class Heating Warm Climate (W35 °C / W55 °C) | A+++ to D | | A+++ / A+++ | A+++ / A+++ | A+++ / A+++ | A+++ / A+++ |
| Seasonal energy efficiency - Heating Cold Climate (W35 °C / W55 °C) | ETA % | | 157/110 | 157/110 | 164/116 | 164/116 |
| | SCOP | | 4,00/2,83 | 4,00/2,83 | 4,18/2,98 | 4,18/2,98 |
| Energy Class Heating Cold Climate (W35 °C / W55 °C) | A+++ to D | | A++ / A+ | A++ / A+ | A++ / A+ | A++ / A+ |
| Indoor unit | | | WH-SDC0305J3E5 | WH-SDC0305J3E5 | WH-SDC0709J3E5 | WH-SDC0709J3E5 |
| Sound pressure | Heat / Cool | dB(A) | 28/28 | 28/28 | 30/30 | 30/31 |
| Dimension | H x W x D | mm | 892 x 500 x 340 | 892 x 500 x 340 | 892 x 500 x 340 | 892 x 500 x 340 |
| Net weight | | kg | 42 | 42 | 42 | 42 |
| Water pipe connector | | Inch | R 1½ | R 1½ | R 1½ | R 1½ |
| A class pump | Number of speeds | | Variable Speed | Variable Speed | Variable Speed | Variable Speed |
| | Input power (Min/Max) | W | 30/100 | 33/106 | 34/114 | 40/120 |
| Heating water flow (ΔT=5 K, 35 °C) | | L/min | 9,2 | 14,3 | 20,1 | 25,8 |
| Capacity of integrated electric heater | | kW | 3 | 3 | 3 | 3 |
| Recommended fuse | | A | 15/30 | 15/30 | 15/30 | 15/30 |
| Recommended cable size, supply 1 / 2 | | mm² | 3 x 1,5/3 x 1,5 | 3 x 1,5/3 x 1,5 | 3 x 2,5/3 x 1,5 | 3 x 2,5/3 x 1,5 |
| Outdoor unit | | | WH-UD03JE5 | WH-UD05JE5 | WH-UD07JE5 | WH-UD09JE5-1 |
| Sound power part load | Heat | dB | 55 | 55 | 59 | 59 |
| Sound power full load | Heat / Cool | dB | 60/61 | 64/64 | 68/67 | 69/69 |
| Dimension | H x W x D | mm | 622 x 824 x 298 | 622 x 824 x 298 | 795 x 875 x 320 | 795 x 875 x 320 |
| Net weight | | kg | 37 | 37 | 61 | 61 |
| Refrigerant (R32) / CO ₂ Eq. | | kg / T | 0,9/0,608 | 0,9/0,608 | 1,27/0,857 | 1,27/0,857 |
| Pipe diameter | Liquid / Gas | Inch (mm) | 1/4 (6,35) / 1/2 (12,70) | 1/4 (6,35) / 1/2 (12,70) | 1/4 (6,35) / 5/8 (15,88) | 1/4 (6,35) / 5/8 (15,88) |
| Pipe length range | | m | 3-25 | 3-25 | 3-50 | 3-50 |
| Elevation difference (in/out) | | m | 20 | 20 | 30 | 30 |
| Pipe length for additional gas | | m | 10 | 10 | 10 | 10 |
| Additional gas amount | | g/m | 20 | 20 | 25 | 25 |
| Operation range | Outdoor ambient | °C | -20 ~ +35 | -20 ~ +35 | -20 ~ +35 | -20 ~ +35 |
| Water outlet | Heat / Cool | °C | 20 ~ 60/5 ~ 20 | 20 ~ 60/5 ~ 20 | 20 ~ 60/5 ~ 20 | 20 ~ 60/5 ~ 20 |
| Kit Price | | € | 3150 | 3223 | 3640 | 3786 |
| Indoor unit Price | | € | 1793 | 1793 | 2104 | 2104 |
| Outdoor unit Price | | € | 1357 | 1430 | 1536 | 1682 |

| Accessories | | Price € |
|------------------------|--|-------------|
| PAW-TD20C1E5-UK | Tank 200L - Stainless steel | 1048 |
| PAW-TD30C1E5-UK | Tank 300L - Stainless steel | 1315 |
| PAW-3WYVLY-HW | 3 way valve for DHW Tanks | 173 |
| CZ-NV1 | 3 way valve kit for inside of hydrokit | 263 |
| PAW-BTANK50L-2 | Buffer tank 50L | 258 |

| Accessories | | Price € |
|---------------------------|--|------------|
| CZ-TAW1 | Aquarea Smart Cloud for remote control and maintenance through wireless or wired LAN | 185 |
| CZ-NS4P | Additional functions PCB | 159 |
| PAW-A2W-RTWIRED | Room thermostat | 126 |
| PAW-A2W-RTWIRELESS | Wireless LCD room thermostat | 191 |

EER and COP calculation is based in accordance to EN14511. Sound pressure measured at 1 m from the outdoor unit and at 1,5 m height.



INTERNET CONTROL: Optional. GOOD DESIGN AWARD 2017: Indoor units All in One and Bi-bloc H Generation awarded with the prestigious Good Design Award 2017.



CZ-TAW1
Cloud connection.
For user control
and installer
remote
maintenance.

NEW Aquarea High Performance Mono-bloc J Generation Single Phase. Heating and Cooling - MDC • R32 refrigerant

Single Phase Heating and Cooling

| Outdoor unit | | WH-MDC05J3E5 | WH-MDC07J3E5 | WH-MDC09J3E5 |
|--|-----------------------|-----------------|----------------|----------------|
| Heating capacity / COP (A +7 °C, W 35 °C) | kW / COP | 5,00/5,08 | 7,00/4,76 | 9,00/4,48 |
| Heating capacity / COP (A +7 °C, W 55 °C) | kW / COP | 5,00/3,01 | 7,00/2,82 | 8,95/2,78 |
| Heating capacity / COP (A +2 °C, W 35 °C) | kW / COP | 5,00/3,57 | 7,00/3,40 | 7,45/3,13 |
| Heating capacity / COP (A +2 °C, W 55 °C) | kW / COP | 5,00/2,27 | 6,30/2,16 | 7,00/2,12 |
| Heating capacity / COP (A -7 °C, W 35 °C) | kW / COP | 5,00/2,78 | 6,80/2,81 | 7,50/2,63 |
| Heating capacity / COP (A -7 °C, W 55 °C) | kW / COP | 5,00/1,85 | 6,30/1,86 | 7,00/1,80 |
| Cooling capacity / EER (A 35 °C, W 7 °C) | kW / EER | 5,00/3,31 | 7,00/3,06 | 9,00/2,71 |
| Cooling capacity / EER (A 35 °C, W 18 °C) | kW / EER | 5,00/5,05 | 7,00/4,73 | 9,00/4,25 |
| Seasonal energy efficiency - Heating Average Climate (W35 °C / W55 °C) | ETA % | 202/142 | 193/130 | 193/130 |
| | SCOP | 5,12/3,63 | 4,90/3,32 | 4,90/3,32 |
| Energy Class Heating Average Climate (W35 °C / W55 °C) | A+++ to D | A+++/A++ | A+++/A++ | A+++/A++ |
| Seasonal energy efficiency - Heating Warm Climate (W35 °C / W55 °C) | ETA % | 237/165 | 227/160 | 227/160 |
| | SCOP | 6,00/4,20 | 5,75/4,07 | 5,75/4,07 |
| Energy Class Heating Warm Climate (W35 °C / W55 °C) | A+++ to D | A+++/A+++ | A+++/A+++ | A+++/A+++ |
| Seasonal energy efficiency - Heating Cold Climate (W35 °C / W55 °C) | ETA % | 160/115 | 164/116 | 164/116 |
| | SCOP | 4,08/2,95 | 4,18/2,98 | 4,18/2,98 |
| Energy Class Heating Cold Climate (W35 °C / W55 °C) | A+++ to D | A++/A+ | A++/A+ | A++/A+ |
| Sound power partial load | Heat | dB | 59 | 59 |
| Sound power full load | Heat / Cool | dB | 64/65 | 68/67 |
| Dimension | HxWxD | mm | 865x1283x320 | 865x1283x320 |
| Net weight | | kg | 99 | 104 |
| Refrigerant (R32) / CO ₂ Eq. | | kg / T | 1,3/0,878 | 1,3/0,878 |
| Water pipe connector | | Inch | R 1½ | R 1½ |
| Pump | Number of speeds | | Variable Speed | Variable Speed |
| | Input power (Min/Max) | W | 34/96 | 36/100 |
| Heating water flow (ΔT=5 K, 35 °C) | | L/min | 14,3 | 20,1 |
| Capacity of integrated electric heater | | kW | 3 | 3 |
| Input Power | Heat | kW | 0,985 | 1,47 |
| | Cool | kW | 1,51 | 2,29 |
| Running and Starting current | Heat | A | 4,7 | 7,0 |
| | Cool | A | 7,0 | 10,5 |
| Current 1 | | A | 12 | 17 |
| Current 2 | | A | 13 | 13 |
| Recommended fuse | | A | 30/15 | 30/15 |
| Recommended cable size, supply 1 / 2 | | mm ² | 3x1,5/3x1,5 | 3x2,5/3x1,5 |
| Operation range (outdoor temperature) | Heat | °C | -20~35 | -20~35 |
| | Cool | °C | 10~43 | 10~43 |
| Water outlet | Heat | °C | 20~60 | 20~60 |
| | Cool | °C | 5~20 | 5~20 |
| Outdoor unit Price | € | 2855 | 3335 | 4255 |

| Accessories | Price € |
|---|-------------|
| PAW-TD20C1E5-UK Tank 200L - Stainless steel | 1048 |
| PAW-TD30C1E5-UK Tank 300L - Stainless steel | 1315 |
| PAW-TD23B6E5 Combo Tank 230L + 60L - Stainless Steel | 3505 |
| PAW-3WYVLV-HW 3 way valve for DHW Tanks | 173 |
| PAW-BTANK50L-2 Buffer tank 50L | 258 |

| Accessories | Price € |
|---|------------|
| CZ-TAW1 Aquarea Smart Cloud for remote control and maintenance through wireless or wired LAN | 185 |
| PAW-A2W-RTWIRED Room thermostat | 126 |
| PAW-A2W-RTWIRELESS Wireless LCD room thermostat | 191 |

EER and COP calculation is based in accordance to EN14511. Sound pressure measured at 1 m from the outdoor unit and at 1,5 m height. Heating sound pressure measured at +7 °C (heating water at 55 °C).
1) WH-MDC models are hermetically sealed. * Available in May 2020.



INTERNET CONTROL: Optional.



CZ-TAW1
Cloud connection.
For user control
and installer
remote
maintenance.

Aquarea High Performance All in One H Generation Single Phase. Heating and Cooling 1 or 2 zones • R410A refrigerant

| | | | Single Phase (Power to indoor) | | | |
|--|-----------------------|--------------|--------------------------------|-------------------------|-------------------------|-------------------------|
| Kit 1 zone (for 2 zone add B at the end) | | | KIT-ADC03HE5 | KIT-ADC05HE5 | KIT-ADC07HE5 | KIT-ADC09HE5 |
| Heating capacity / COP [A +7 °C, W 35 °C] | kW / COP | | 3,20/5,00 | 5,00/4,63 | 7,00/4,46 | 9,00/4,13 |
| Heating capacity / COP [A +7 °C, W 55 °C] | kW / COP | | 3,20/2,67 | 5,00/2,65 | 6,80/2,63 | 8,90/2,41 |
| Heating capacity / COP [A +2 °C, W 35 °C] | kW / COP | | 3,20/3,56 | 4,20/3,11 | 6,55/3,34 | 6,70/3,13 |
| Heating capacity / COP [A +2 °C, W 55 °C] | kW / COP | | 3,20/2,15 | 4,10/1,98 | 6,00/1,99 | 6,00/1,99 |
| Heating capacity / COP [A -7 °C, W 35 °C] | kW / COP | | 3,20/2,69 | 4,20/2,59 | 5,15/2,68 | 5,90/2,52 |
| Heating capacity / COP [A -7 °C, W 55 °C] | kW / COP | | 3,20/1,72 | 3,55/1,71 | 4,80/1,89 | 5,80/1,88 |
| Cooling capacity / EER [A 35 °C, W 7 °C] | kW / EER | | 3,20/3,08 | 4,50/2,69 | 6,00/2,63 | 7,00/2,43 |
| Cooling capacity / EER [A 35 °C, W 18 °C] | kW / EER | | 3,30/3,75 | 5,00/3,76 | 6,00/3,57 | 7,00/3,26 |
| Seasonal energy efficiency - Heating Average Climate [W35 °C / W55 °C] | ETA % | | 195/130 | 195/130 | 190/130 | 190/130 |
| | SCOP | | 4,95/3,33 | 4,95/3,33 | 4,83/3,33 | 4,83/3,33 |
| Energy Class Heating Average Climate [W35 °C / W55 °C] | A+++ to D | | A+++ / A++ | A+++ / A++ | A+++ / A++ | A+++ / A++ |
| Seasonal energy efficiency - Heating Warm Climate [W35 °C / W55 °C] | ETA % | | 244/163 | 244/163 | 225/160 | 225/160 |
| | SCOP | | 6,18/4,15 | 6,18/4,15 | 5,70/4,08 | 5,70/4,08 |
| Energy Class Heating Warm Climate [W35 °C / W55 °C] | A+++ to D | | A+++ / A+++ | A+++ / A+++ | A+++ / A+++ | A+++ / A+++ |
| Seasonal energy efficiency - Heating Cold Climate [W35 °C / W55 °C] | ETA % | | 150/103 | 150/103 | 160/115 | 160/115 |
| | SCOP | | 3,83/2,65 | 3,83/2,65 | 4,08/2,95 | 4,08/2,95 |
| Energy Class Heating Cold Climate [W35 °C / W55 °C] | A+++ to D | | A++ / A+ | A++ / A+ | A++ / A+ | A++ / A+ |
| Indoor unit 1 zone hydrokit | | | WH-ADC0309H3E5UK | WH-ADC0309H3E5UK | WH-ADC0309H3E5UK | WH-ADC0309H3E5UK |
| Indoor unit 2 zones built-in hydrokit | | | WH-ADC0309H3E5B | WH-ADC0309H3E5B | WH-ADC0309H3E5B | WH-ADC0309H3E5B |
| Sound pressure | Heat / Cool | dB(A) | 28/28 | 28/28 | 28/28 | 28/28 |
| Dimension / Net weight | HxWxD | mm / kg | 1800x598x717/124 | 1800x598x717/124 | 1800x598x717/124 | 1800x598x717/124 |
| Water pipe connector | | Inch | R 1¼ | R 1¼ | R 1¼ | R 1¼ |
| A class pump | Number of speeds | | Variable Speed | Variable Speed | Variable Speed | Variable Speed |
| | Input power (Min/Max) | W | 30/120 | 30/120 | 30/120 | 30/120 |
| Heating water flow [ΔT=5 K, 35 °C] | | L/min | 9,2 | 14,3 | 20,1 | 25,8 |
| Capacity of integrated electric heater | | kW | 3 | 3 | 3 | 3 |
| Recommended fuse | | A | 15/15 | 15/15 | 30/15 | 30/15 |
| Recommended cable size, supply 1 / 2 | | mm² | 3x1,5/3x1,5 | 3x1,5/3x1,5 | 3x2,5/3x1,5 | 3x2,5/3x1,5 |
| Water volume | | L | 185 | 185 | 185 | 185 |
| Maximum water temperature | | °C | 65 | 65 | 65 | 65 |
| Material inside tank | | | Stainless steel | Stainless steel | Stainless steel | Stainless steel |
| Tapping profile according EN16147 | | | L | L | L | L |
| DHW Tank ERP Average climate efficiency rating | | A+ to F | A+ | A+ | A | A |
| DHW Tank ERP Warm climate efficiency rating | | A+ to F | A+ | A+ | A+ | A+ |
| DHW Tank ERP Cold climate efficiency rating | | A+ to F | A | A | A | A |
| DHW Tank ERP Average climate ETA / SCOP | | ETA % / SCOP | 120/3,00 | 120/3,00 | 113/2,83 | 113/2,83 |
| DHW Tank ERP Warm climate ETA / SCOP | | ETA % / SCOP | 147/3,68 | 147/3,68 | 132/3,30 | 132/3,30 |
| DHW Tank ERP Cold climate ETA / SCOP | | ETA % / SCOP | 94/2,35 | 94/2,15 | 86/2,15 | 86/1,88 |
| Outdoor unit | | | WH-UD03HE5-1 | WH-UD05HE5-1 | WH-UD07HE5-1 | WH-UD09HE5-1 |
| Sound power part load | Heat | dB | 55 | 55 | 59 | 59 |
| Sound power full load | Heat / Cool | dB | 64/65 | 65/66 | 68/66 | 69/68 |
| Dimension / Net weight | HxWxD | mm / kg | 622x824x298/39 | 622x824x298/39 | 795x900x320/66 | 795x900x320/66 |
| Refrigerant (R410A) / CO ₂ Eq. | | kg / T | 1,20/2,506 | 1,20/2,506 | 1,45/3,028 | 1,45/3,028 |
| Pipe diameter | Liquid / Gas | Inch (mm) | 1/4 {6,35}/1/2 {12,70} | 1/4 {6,35}/1/2 {12,70} | 1/4 {6,35}/5/8 {15,88} | 1/4 {6,35}/5/8 {15,88} |
| Pipe length range / Elevation difference (in/out) | | m / m | 3-15/5 | 3-15/5 | 3-40/30 | 3-40/30 |
| Pipe length for additional gas / Additional gas amount | | m / g/m | 10/20 | 10/20 | 10/30 | 10/30 |
| Operation range | Outdoor ambient | °C | -20 ~ +35 | -20 ~ +35 | -20 ~ +35 | -20 ~ +35 |
| Water outlet | Heat / Cool | °C | 20-55/5-20 | 20-55/5-20 | 20-55/5-20 | 20-55/5-20 |
| Kit 1 zone hydrokit Price | | € | 5670 | 5743 | 5849 | 5995 |
| Indoor unit 1 zone Price | | € | 4313 | 4313 | 4313 | 4313 |
| Kit 2 zones built-in hydrokit Price | | € | 6152 | 6225 | 6331 | 6477 |
| Indoor unit 2 zones Price | | € | 4795 | 4795 | 4795 | 4795 |
| Outdoor unit Price | | € | 1357 | 1430 | 1536 | 1682 |

| Accessories | Price € |
|---|------------|
| PAW-ADC-PREKIT-1 Piping pre installation kit for H Generation | 495 |
| PAW-ADC-CV150 Decorative magnetic side cover | 149 |
| CZ-TAW1 Aquarea Smart Cloud for remote control and maintenance through wireless or wired LAN | 185 |

| Accessories | Price € |
|---|------------|
| CZ-NS4P Additional functions PCB | 159 |
| PAW-A2W-RTWIRED Room thermostat | 126 |
| PAW-A2W-RTWIREDLESS Wireless LCD room thermostat | 191 |

EER and COP calculation is based in accordance to EN14511. Sound pressure measured at 1 m from the outdoor unit and at 1,5 m height. Heating sound pressure measured at +7 °C (heating water at 55 °C). Insulated tested under EN12897. This product is designed to comply with the European Water Quality Directive 98/83/EC amended by 2015/1787/EU. The lifespan of the product is not guaranteed in the case of the use of groundwater, such as spring water or well water, the use of tap water when salt or other impurities are contained, nor in areas of acidic water quality. Maintenance and warranty costs related to these cases are the customer's responsibility.



INTERNET CONTROL: Optional. GOOD DESIGN AWARD 2017: Indoor units All in One and Bi-bloc H Generation awarded with the prestigious Good Design Award 2017.



CZ-TAW1
Cloud connection.
For user control
and installer
remote
maintenance.

Aquaarea High Performance All in One H Generation Single Phase / Three Phase. Heating and Cooling • R410A refrigerant

| Kit | Single Phase (Power to indoor) | | | Three Phase (Power to indoor) | | | |
|--|--------------------------------|-------------------------|-------------------------|-------------------------------|-----------------------|-----------------------|----------------------|
| | KIT-ADC12HE5 | KIT-ADC16HE5 | KIT-ADC09HE8 | KIT-ADC12HE8 | KIT-ADC16HE8 | | |
| Heating capacity / COP (A +7 °C, W 35 °C) | kW / COP | 12,00/4,74 | 16,00/4,28 | 9,00/4,84 | 12,00/4,74 | 16,00/4,28 | |
| Heating capacity / COP (A +7 °C, W 55 °C) | kW / COP | 12,00/2,88 | 14,50/2,68 | 9,00/2,94 | 12,00/2,88 | 14,50/2,68 | |
| Heating capacity / COP (A +2 °C, W 35 °C) | kW / COP | 11,40/3,44 | 13,00/3,28 | 9,00/3,59 | 11,40/3,44 | 13,00/3,28 | |
| Heating capacity / COP (A +2 °C, W 55 °C) | kW / COP | 9,10/2,20 | 9,80/2,17 | 8,80/2,23 | 9,10/2,20 | 9,80/2,17 | |
| Heating capacity / COP (A -7 °C, W 35 °C) | kW / COP | 10,00/2,73 | 11,40/2,57 | 9,00/2,85 | 10,00/2,73 | 11,40/2,57 | |
| Heating capacity / COP (A -7 °C, W 55 °C) | kW / COP | 8,20/1,92 | 9,00/1,82 | 7,90/2,05 | 8,20/1,92 | 9,00/1,82 | |
| Cooling capacity / EER (A 35 °C, W 7 °C) | kW / EER | 10,00/2,81 | 12,20/2,56 | 7,00/3,17 | 10,00/2,85 | 12,20/2,56 | |
| Cooling capacity / EER (A 35 °C, W 18 °C) | kW / EER | 10,00/4,17 | 12,20/4,12 | 7,00/4,61 | 10,00/4,17 | 12,20/4,12 | |
| Seasonal energy efficiency - Heating Average Climate (W35 °C / W55 °C) | ETA % | 190/134 | 190/130 | 190/133 | 190/134 | 190/130 | |
| | SCOP | 4,83/3,43 | 4,83/3,33 | 4,83/3,40 | 4,83/3,43 | 4,83/3,33 | |
| Energy Class Heating Average Climate (W35 °C / W55 °C) | A+++ to D | A+++ / A++ | A+++ / A++ | A+++ / A++ | A+++ / A++ | A+++ / A++ | |
| Seasonal energy efficiency - Heating Warm Climate (W35 °C / W55 °C) | ETA % | 245/159 | 245/169 | 245/159 | 245/159 | 245/169 | |
| | SCOP | 6,20/4,05 | 6,20/4,30 | 6,20/4,05 | 6,20/4,05 | 6,20/4,30 | |
| Energy Class Heating Warm Climate (W35 °C / W55 °C) | A+++ to D | A+++ / A+++ | A+++ / A+++ | A+++ / A+++ | A+++ / A+++ | A+++ / A+++ | |
| Seasonal energy efficiency - Heating Cold Climate (W35 °C / W55 °C) | ETA % | 168/121 | 168/121 | 168/121 | 168/121 | 168/121 | |
| | SCOP | 4,28/3,10 | 4,28/3,10 | 4,28/3,10 | 4,28/3,10 | 4,28/3,10 | |
| Energy Class Heating Cold Climate (W35 °C / W55 °C) | A+++ to D | A++ / A+ | A++ / A+ | A++ / A+ | A++ / A+ | A++ / A+ | |
| Indoor unit | | WH-ADC1216H6E5UK | WH-ADC1216H6E5UK | WH-ADC0916H9E8 | WH-ADC0916H9E8 | WH-ADC0916H9E8 | |
| Sound pressure | Heat / Cool | dB(A) | 33/33 | 33/33 | 33/33 | 33/33 | |
| Dimension / Net weight | HxWxD | mm / kg | 1800x598x717/124 | 1800x598x717/124 | 1800x598x717/126 | 1800x598x717/126 | |
| Water pipe connector | | Inch | R 1½ | R 1½ | R 1½ | R 1½ | |
| A class pump | Number of speeds | | Variable Speed | Variable Speed | Variable Speed | Variable Speed | |
| | Input power (Min/Max) | W | 36/152 | 36/152 | 36/152 | 36/152 | |
| Heating water flow (ΔT=5 K, 35 °C) | | L/min | 34,4 | 45,9 | 25,8 | 34,4 | 45,9 |
| Capacity of integrated electric heater | | kW | 6 | 6 | 9 | 9 | |
| Recommended fuse | | A | 30/30 | 30/30 | 16/16 | 16/16 | |
| Recommended cable size, supply 1 / 2 | | mm² | 3x4,0/3x4,0 | 3x4,0/3x4,0 | 5x1,5/5x1,5 | 5x1,5/5x1,5 | |
| Water volume | | L | 185 | 185 | 185 | 185 | |
| Maximum water temperature | | °C | 65 | 65 | 65 | 65 | |
| Material inside tank | | | Stainless steel | Stainless steel | Stainless steel | Stainless steel | |
| Tapping profile according EN16147 | | | L | L | L | L | |
| DHW Tank ERP Average climate efficiency rating | A+ to F | | A | A | A | A | |
| DHW Tank ERP Warm climate efficiency rating | A+ to F | | A | A | A | A | |
| DHW Tank ERP Cold climate efficiency rating | A+ to F | | A | B | A | B | |
| DHW Tank ERP Average climate ETA / SCOP | ETA % / SCOP | | 95/2,38 | 91/2,28 | 95/2,38 | 91/2,28 | |
| DHW Tank ERP Warm climate ETA / SCOP | ETA % / SCOP | | 110/2,75 | 107/2,68 | 110/2,75 | 107/2,68 | |
| DHW Tank ERP Cold climate ETA / SCOP | ETA % / SCOP | | 75/1,80 | 72/1,88 | 75/1,88 | 72/1,88 | |
| Outdoor unit | | | WH-UD12HE5 | WH-UD16HE5 | WH-UD09HE8 | WH-UD12HE8 | WH-UD16HE8 |
| Sound power part load | Heat | dB | 65 | 65 | 65 | 65 | |
| Sound power full load | Heat / Cool | dB | 69/68 | 72/72 | 68/67 | 69/68 | 72/72 |
| Dimension / Net weight | HxWxD | mm / kg | 1340x900x320/101 | 1340x900x320/101 | 1340x900x320/107 | 1340x900x320/107 | 1340x900x320/107 |
| Refrigerant (R410A) / CO ₂ Eq. | | kg / T | 2,55/5,324 | 2,55/5,324 | 2,55/5,324 | 2,55/5,324 | 2,55/5,324 |
| Pipe diameter | Liquid / Gas | Inch (mm) | 3/8(9,52)/5/8(15,88) | 3/8(9,52)/5/8(15,88) | 3/8(9,52)/5/8(15,88) | 3/8(9,52)/5/8(15,88) | 3/8(9,52)/5/8(15,88) |
| Pipe length range / Elevation difference (in/out) | | m / m | 3~50/30 | 3~50/30 | 3~30/20 | 3~30/20 | 3~30/20 |
| Pipe length for additional gas / Additional gas amount | | m / g/m | 10/50 | 10/50 | 10/50 | 10/50 | |
| Operation range | Outdoor ambient | °C | -20~+35 | -20~+35 | -20~+35 | -20~+35 | |
| Water outlet | Heat / Cool | °C | 20~55/5~20 | 20~55/5~20 | 20~55/5~20 | 20~55/5~20 | |
| Kit Price | | € | 7701 | 8185 | 7669 | 7890 | 8637 |
| Indoor unit Price | | € | 5159 | 5159 | 5159 | 5159 | |
| Outdoor unit Price | | € | 2542 | 3026 | 2510 | 2731 | 3478 |

| Accessories | Price € |
|--|------------|
| PAW-ADC-PREKIT-1 Piping pre installation kit for H Generation | 495 |
| PAW-ADC-CV150 Decorative magnetic side cover | 149 |
| CZ-TAW1 Aquaarea Smart Cloud for remote control and maintenance through wireless or wired LAN | 185 |

| Accessories | Price € |
|--|------------|
| CZ-NS4P Additional functions PCB | 159 |
| PAW-A2W-RTWIRED Room thermostat | 126 |
| PAW-A2W-RTWIRELESS Wireless LCD room thermostat | 191 |

EER and COP calculation is based in accordance to EN14511. Sound pressure measured at 1 m from the outdoor unit and at 1,5 m height. Heating sound pressure measured at +7 °C (heating water at 55 °C). Insulated tested under EN12897.

This product is designed to comply with the European Water Quality Directive 98/83/EC amended by 2015/1787/EU. The lifespan of the product is not guaranteed in the case of the use of groundwater, such as spring water or well water, the use of tap water when salt or other impurities are contained, nor in areas of acidic water quality. Maintenance and warranty costs related to these cases are the customer's responsibility.



INTERNET CONTROL: Optional. GOOD DESIGN AWARD 2017: Indoor units All in One and Bi-bloc H Generation awarded with the prestigious Good Design Award 2017.



CZ-TAW1
Cloud connection.
For user control
and installer
remote
maintenance.

Aquarea T-CAP All in One H Generation Single Phase / Three Phase. Heating and Cooling • R410A refrigerant

| Kit | Single Phase (Power to indoor) | | | Three Phase (Power to indoor) | | |
|--|--------------------------------|-------------------------|-------------------------|-------------------------------|-----------------------|-----------------------|
| | KIT-AXC09HE5 | KIT-AXC12HE5 | KIT-AXC09HE8 | KIT-AXC12HE8 | KIT-AXC16HE8 | |
| Heating capacity / COP [A +7 °C, W 35 °C] | kW / COP | 9,00/4,84 | 12,00/4,74 | 9,00/4,84 | 12,00/4,74 | 16,00/4,28 |
| Heating capacity / COP [A +7 °C, W 55 °C] | kW / COP | 9,00/2,94 | 12,00/2,88 | 9,00/2,94 | 12,00/2,88 | 16,00/2,71 |
| Heating capacity / COP [A +2 °C, W 35 °C] | kW / COP | 9,00/3,59 | 12,00/3,44 | 9,00/3,59 | 12,00/3,44 | 16,00/3,10 |
| Heating capacity / COP [A +2 °C, W 55 °C] | kW / COP | 9,00/2,21 | 12,00/2,19 | 9,00/2,21 | 12,00/2,19 | 16,00/2,13 |
| Heating capacity / COP [A -7 °C, W 35 °C] | kW / COP | 9,00/2,85 | 12,00/2,72 | 9,00/2,85 | 12,00/2,72 | 16,00/2,49 |
| Heating capacity / COP [A -7 °C, W 55 °C] | kW / COP | 9,00/2,02 | 12,00/1,92 | 9,00/2,02 | 12,00/1,92 | 16,00/1,86 |
| Cooling capacity / EER [A 35 °C, W 7 °C] | kW / EER | 7,00/3,17 | 10,00/2,81 | 7,00/3,17 | 10,00/2,81 | 12,20/2,57 |
| Cooling capacity / EER [A 35 °C, W 18 °C] | kW / EER | 7,00/5,19 | 10,00/5,13 | 7,00/5,19 | 10,00/5,13 | 12,20/3,49 |
| Seasonal energy efficiency - Heating Average Climate [W35 °C / W55 °C] | ETA % | 181/130 | 170/130 | 181/130 | 170/130 | 160/125 |
| | SCOP | 4,60/3,33 | 4,33/3,33 | 4,60/3,33 | 4,33/3,33 | 4,08/3,20 |
| Energy Class Heating Average Climate [W35 °C / W55 °C] | A+++ to D | A+++ / A++ | A++ / A++ | A+++ / A++ | A++ / A++ | A++ / A++ |
| Seasonal energy efficiency - Heating Warm Climate [W35 °C / W55 °C] | ETA % | 235/158 | 231/158 | 235/158 | 231/158 | 231/159 |
| | SCOP | 5,95/4,03 | 5,85/4,03 | 5,95/4,03 | 5,85/4,03 | 5,85/4,05 |
| Energy Class Heating Warm Climate [W35 °C / W55 °C] | A+++ to D | A+++ / A+++ | A+++ / A+++ | A+++ / A+++ | A+++ / A+++ | A+++ / A+++ |
| Seasonal energy efficiency - Heating Cold Climate [W35 °C / W55 °C] | ETA % | 160/125 | 160/125 | 160/125 | 160/125 | 150/125 |
| | SCOP | 4,08/3,20 | 4,08/3,20 | 4,08/3,20 | 4,08/3,20 | 3,83/3,20 |
| Energy Class Heating Cold Climate [W35 °C / W55 °C] | A+++ to D | A++ / A++ | A++ / A++ | A++ / A++ | A++ / A++ | A++ / A++ |
| Indoor unit | | WH-ADC1216H6E5UK | WH-ADC1216H6E5UK | WH-ADC0916H9E8 | WH-ADC0916H9E8 | WH-ADC0916H9E8 |
| Sound pressure | Heat / Cool | dB(A) | 33/33 | 33/33 | 33/33 | 33/33 |
| Dimension / Net weight | HxWxD | mm / kg | 1800x598x717/124 | 1800x598x717/124 | 1800x598x717/126 | 1800x598x717/126 |
| Water pipe connector | | Inch | R 1½ | R 1½ | R 1½ | R 1½ |
| A class pump | Number of speeds | | Variable Speed | Variable Speed | Variable Speed | Variable Speed |
| | Input power (Min/Max) | W | 36/152 | 36/152 | 36/152 | 36/152 |
| Heating water flow [ΔT=5 K, 35 °C] | | L/min | 25,8 | 34,4 | 25,8 | 34,4 |
| Capacity of integrated electric heater | | kW | 6 | 6 | 9 | 9 |
| Recommended fuse | | A | 30/30 | 30/30 | 16/16 | 16/16 |
| Recommended cable size, supply 1 / 2 | | mm² | 3x4,0/3x4,0 | 3x4,0/3x4,0 | 5x1,5/5x1,5 | 5x1,5/5x1,5 |
| Water volume | | L | 185 | 185 | 185 | 185 |
| Maximum water temperature | | °C | 65 | 65 | 65 | 65 |
| Material inside tank | | | Stainless steel | Stainless steel | Stainless steel | Stainless steel |
| Tapping profile according EN16147 | | | L | L | L | L |
| DHW Tank ERP Average climate efficiency rating | | A+ to F | A | A | A | A |
| DHW Tank ERP Warm climate efficiency rating | | A+ to F | A | A | A | A |
| DHW Tank ERP Cold climate efficiency rating | | A+ to F | A | A | A | B |
| DHW Tank ERP Average climate ETA / SCOP | | ETA % / SCOP | 95/2,38 | 95/2,38 | 95/2,38 | 91/2,28 |
| DHW Tank ERP Warm climate ETA / SCOP | | ETA % / SCOP | 110/2,75 | 110/2,75 | 110/2,75 | 107/2,68 |
| DHW Tank ERP Cold climate ETA / SCOP | | ETA % / SCOP | 75/1,88 | 75/1,88 | 75/1,88 | 72/1,88 |
| Outdoor unit | | | WH-UX09HE5 | WH-UX12HE5 | WH-UX09HE8 | WH-UX12HE8 |
| Sound power part load | Heat | dB | 66 | 66 | 65 | 65 |
| Sound power full load | Heat / Cool | dB | 68/67 | 69/68 | 68/67 | 69/68 |
| Dimension / Net weight | HxWxD | mm / kg | 1340x900x320/101 | 1340x900x320/101 | 1340x900x320/108 | 1340x900x320/108 |
| Refrigerant (R410A) / CO ₂ Eq. | | kg / T | 2,85/5,951 | 2,85/5,951 | 2,85/5,951 | 2,85/5,951 |
| Pipe diameter | Liquid / Gas | Inch [mm] | 3/8(9,52)/5/8(15,88) | 3/8(9,52)/5/8(15,88) | 3/8(9,52)/5/8(15,88) | 3/8(9,52)/5/8(15,88) |
| Pipe length range / Elevation difference (in/out) | | m / m | 3~30/20 | 3~30/20 | 3~30/20 | 3~30/20 |
| Pipe length for additional gas / Additional gas amount | | m / g/m | 10/50 | 10/50 | 10/50 | 10/50 |
| Operation range | Outdoor ambient | °C | -28~+35 | -28~+35 | -28~+35 | -28~+35 |
| Water outlet | Heat / Cool | °C | 20~60/5~20 | 20~60/5~20 | 20~60/5~20 | 20~60/5~20 |
| Kit Price | | € | 7421 | 8310 | 8329 | 8591 |
| Indoor unit Price | | € | 5159 | 5159 | 5159 | 5159 |
| Outdoor unit Price | | € | 2262 | 3151 | 3170 | 3432 |

| Accessories | Price € |
|---|------------|
| PAW-ADC-PREKIT-1 Piping pre installation kit for H Generation | 495 |
| PAW-ADC-CV150 Decorative magnetic side cover | 149 |
| CZ-TAW1 Aquarea Smart Cloud for remote control and maintenance through wireless or wired LAN | 185 |

| Accessories | Price € |
|---|------------|
| CZ-NS4P Additional functions PCB | 159 |
| PAW-A2W-RTWIRED Room thermostat | 126 |
| PAW-A2W-RTWIREDLESS Wireless LCD room thermostat | 191 |

EER and COP calculation is based in accordance to EN14511. Sound pressure measured at 1 m from the outdoor unit and at 1,5 m height. Heating sound pressure measured at +7 °C (heating water at 55 °C). Insulated tested under EN12897.

This product is designed to comply with the European Water Quality Directive 98/83/EC amended by 2015/1787/EU. The lifespan of the product is not guaranteed in the case of the use of groundwater, such as spring water or well water, the use of tap water when salt or other impurities are contained, nor in areas of acidic water quality. Maintenance and warranty costs related to these cases are the customer's responsibility.



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CZ-TAW1
Cloud connection.
For user control
and installer
remote
maintenance.

Aquaarea T-CAP All in One H Generation Three Phase. Super Quiet outdoor unit. Heating and Cooling • R410A refrigerant

| Kit | Three Phase (Power to indoor) | | | | |
|--|-------------------------------|-----------------------|--------------------------|--------------------------|--------------------------|
| | KIT-AQ0C9HE8 | KIT-AQC12HE8 | KIT-AQC16HE8 | | |
| Heating capacity / COP (A +7 °C, W 35 °C) | kW / COP | 9,00/4,84 | 12,00/4,74 | 16,00/4,28 | |
| Heating capacity / COP (A +7 °C, W 55 °C) | kW / COP | 9,00/2,94 | 12,00/2,88 | 16,00/2,71 | |
| Heating capacity / COP (A +2 °C, W 35 °C) | kW / COP | 9,00/3,59 | 12,00/3,44 | 16,00/3,10 | |
| Heating capacity / COP (A +2 °C, W 55 °C) | kW / COP | 9,00/2,21 | 12,00/2,19 | 16,00/2,13 | |
| Heating capacity / COP (A -7 °C, W 35 °C) | kW / COP | 9,00/2,85 | 12,00/2,72 | 16,00/2,49 | |
| Heating capacity / COP (A -7 °C, W 55 °C) | kW / COP | 9,00/2,02 | 12,00/1,92 | 16,00/1,86 | |
| Cooling capacity / EER (A 35 °C, W 7 °C) | kW / EER | 7,00/3,17 | 10,00/2,81 | 12,20/2,57 | |
| Cooling capacity / EER (A 35 °C, W 18 °C) | kW / EER | 7,00/5,19 | 10,00/5,13 | 12,20/3,49 | |
| Seasonal energy efficiency - Heating Average Climate (W35 °C / W55 °C) | ETA % | 181/130 | 170/130 | 160/125 | |
| | SCOP | 4,60/3,33 | 4,33/3,33 | 4,08/3,20 | |
| Energy Class Heating Average Climate (W35 °C / W55 °C) | A+++ to D | A+++/A++ | A++/A++ | A++/A++ | |
| Seasonal energy efficiency - Heating Warm Climate (W35 °C / W55 °C) | ETA % | 235/158 | 231/158 | 231/159 | |
| | SCOP | 5,95/4,03 | 5,85/4,03 | 5,85/4,05 | |
| Energy Class Heating Warm Climate (W35 °C / W55 °C) | A+++ to D | A+++/A+++ | A+++/A+++ | A+++/A+++ | |
| Seasonal energy efficiency - Heating Cold Climate (W35 °C / W55 °C) | ETA % | 160/125 | 160/125 | 150/125 | |
| | SCOP | 4,08/3,20 | 4,08/3,20 | 3,83/3,20 | |
| Energy Class Heating Cold Climate (W35 °C / W55 °C) | A+++ to D | A++/A++ | A++/A++ | A++/A++ | |
| Indoor unit | | WH-ADC0916H9E8 | WH-ADC0916H9E8 | WH-ADC0916H9E8 | |
| Sound pressure | Heat / Cool | dB(A) | 33/33 | 33/33 | |
| Dimension / Net weight | HxWxD | mm / kg | 1800x598x717/126 | 1800x598x717/126 | 1800x598x717/126 |
| Water pipe connector | | Inch | R 1½ | R 1½ | R 1½ |
| A class pump | Number of speeds | | Variable Speed | Variable Speed | Variable Speed |
| | Input power (Min/Max) | W | 36/152 | 36/152 | 36/152 |
| Heating water flow (ΔT=5 K, 35 °C) | | L/min | 25,8 | 34,4 | 45,9 |
| Capacity of integrated electric heater | | kW | 9 | 9 | 9 |
| Recommended fuse | | A | 16/16 | 16/16 | 16/16 |
| Recommended cable size, supply 1 / 2 | | mm² | 5x1,5/5x1,5 | 5x1,5/5x1,5 | 5x1,5/5x1,5 |
| Water volume | | L | 185 | 185 | 185 |
| Maximum water temperature | | °C | 65 | 65 | 65 |
| Material inside tank | | | Stainless steel | Stainless steel | Stainless steel |
| Tapping profile according EN16147 | | | L | L | L |
| DHW Tank ERP Average climate efficiency rating | A+ to F | | A | A | A |
| DHW Tank ERP Warm climate efficiency rating | A+ to F | | A | A | A |
| DHW Tank ERP Cold climate efficiency rating | A+ to F | | A | A | B |
| DHW Tank ERP Average climate ETA / SCOP | ETA % / SCOP | | 95/2,38 | 95/2,38 | 91/2,28 |
| DHW Tank ERP Warm climate ETA / SCOP | ETA % / SCOP | | 110/2,75 | 110/2,75 | 107/2,68 |
| DHW Tank ERP Cold climate ETA / SCOP | ETA % / SCOP | | 75/1,88 | 75/1,80 | 72/2,35 |
| Outdoor unit | | WH-UQ09HE8 | WH-UQ12HE8 | WH-UQ16HE8 | |
| Sound power part load | Heat | dB | 58 | 58 | 62 |
| Sound power full load | Heat / Cool | dB | 61/63 | 62/64 | 65/68 |
| Dimension / Net weight | HxWxD | mm / kg | 1410x1283x320/151 | 1410x1283x320/151 | 1410x1283x320/161 |
| Refrigerant (R410A) / CO ₂ Eq. | | kg / T | 2,85/5,951 | 2,85/5,951 | 2,99/6,243 |
| Pipe diameter | Liquid / Gas | Inch (mm) | 3/8 (9,52) / 5/8 (15,88) | 3/8 (9,52) / 5/8 (15,88) | 3/8 (9,52) / 5/8 (15,88) |
| Pipe length range / Elevation difference (in/out) | | m / m | 3-30/20 | 3-30/20 | 3-30/20 |
| Pipe length for additional gas / Additional gas amount | | m / g/m | 10/50 | 10/50 | 10/50 |
| Operation range | Outdoor ambient | °C | -28-+35 | -28-+35 | -28-+35 |
| Water outlet | Heat / Cool | °C | 20-60/5-20 | 20-60/5-20 | 20-60/5-20 |
| Kit Price | | € | 9124 | 9449 | 10509 |
| Indoor unit Price | | € | 5159 | 5159 | 5159 |
| Outdoor unit Price | | € | 3965 | 4290 | 5350 |

| Accessories | Price € |
|--|------------|
| PAW-ADC-PREKIT-1 Piping pre installation kit for H Generation | 495 |
| PAW-ADC-CV150 Decorative magnetic side cover | 149 |
| CZ-TAW1 Aquaarea Smart Cloud for remote control and maintenance through wireless or wired LAN | 185 |

| Accessories | Price € |
|--|------------|
| CZ-NS4P Additional functions PCB | 159 |
| PAW-A2W-RTWIRED Room thermostat | 126 |
| PAW-A2W-RTWIRELESS Wireless LCD room thermostat | 191 |

EER and COP calculation is based in accordance to EN14511. Sound pressure measured at 1 m from the outdoor unit and at 1,5 m height. Heating sound pressure measured at +7 °C (heating water at 55 °C). Insulated tested under EN12897.

This product is designed to comply with the European Water Quality Directive 98/83/EC amended by 2015/1787/EU. The lifespan of the product is not guaranteed in the case of the use of groundwater, such as spring water or well water, the use of tap water when salt or other impurities are contained, nor in areas of acidic water quality. Maintenance and warranty costs related to these cases are the customer's responsibility.



INTERNET CONTROL: Optional. GOOD DESIGN AWARD 2017: Indoor units All in One and Bi-bloc H Generation awarded with the prestigious Good Design Award 2017.


**GOOD
DESIGN**

CZ-TAW1
 Cloud connection.
 For user control
 and installer
 remote
 maintenance.

Aquarea High Performance Bi-bloc H Generation Single Phase. Heating and Cooling - SDC • R410A refrigerant

| | | | Single Phase Heating and Cooling | | | |
|--|-----------------------|-----------|----------------------------------|--------------------------|--------------------------|--------------------------|
| Kit | | | KIT-WC03H3E5 | KIT-WC05H3E5 | KIT-WC07H3E5 | KIT-WC09H3E5 |
| Heating capacity / COP [A +7 °C, W 35 °C] | kW / COP | | 3,20/5,00 | 5,00/4,63 | 7,00/4,46 | 9,00/4,13 |
| Heating capacity / COP [A +7 °C, W 55 °C] | kW / COP | | 3,20/2,67 | 5,00/2,65 | 6,80/2,63 | 8,90/2,41 |
| Heating capacity / COP [A +2 °C, W 35 °C] | kW / COP | | 3,20/3,56 | 4,20/3,11 | 6,55/3,34 | 6,70/3,13 |
| Heating capacity / COP [A +2 °C, W 55 °C] | kW / COP | | 3,20/2,15 | 4,10/1,98 | 6,00/1,99 | 6,00/1,99 |
| Heating capacity / COP [A -7 °C, W 35 °C] | kW / COP | | 3,20/2,69 | 4,20/2,59 | 5,15/2,68 | 5,90/2,52 |
| Heating capacity / COP [A -7 °C, W 55 °C] | kW / COP | | 3,20/1,72 | 3,55/1,71 | 4,80/1,89 | 5,80/1,88 |
| Cooling capacity / EER [A 35 °C, W 7 °C] | kW / EER | | 3,20/3,08 | 4,50/2,69 | 6,00/2,63 | 7,00/2,43 |
| Cooling capacity / EER [A 35 °C, W 18 °C] | kW / EER | | 3,30/3,75 | 5,00/3,76 | 6,00/3,57 | 7,00/3,26 |
| Seasonal energy efficiency - Heating Average Climate [W35 °C / W55 °C] | ETA % | | 195/130 | 195/130 | 190/130 | 190/130 |
| | SCOP | | 4,95/3,33 | 4,95/3,33 | 4,83/3,33 | 4,83/3,33 |
| Energy Class Heating Average Climate [W35 °C / W55 °C] | A+++ to D | | A+++ / A++ | A+++ / A++ | A+++ / A++ | A+++ / A++ |
| Seasonal energy efficiency - Heating Warm Climate [W35 °C / W55 °C] | ETA % | | 244/163 | 244/163 | 225/160 | 225/160 |
| | SCOP | | 6,18/4,15 | 6,18/4,15 | 5,70/4,08 | 5,70/4,08 |
| Energy Class Heating Warm Climate [W35 °C / W55 °C] | A+++ to D | | A+++ / A+++ | A+++ / A+++ | A+++ / A+++ | A+++ / A+++ |
| Seasonal energy efficiency - Heating Cold Climate [W35 °C / W55 °C] | ETA % | | 150/103 | 150/103 | 160/115 | 160/115 |
| | SCOP | | 3,83/2,65 | 3,83/2,65 | 4,08/2,95 | 4,08/2,95 |
| Energy Class Heating Cold Climate [W35 °C / W55 °C] | A+++ to D | | A++ / A+ | A++ / A+ | A++ / A+ | A++ / A+ |
| Indoor unit | | | WH-SDC03H3E5-1 | WH-SDC05H3E5-1 | WH-SDC07H3E5-1 | WH-SDC09H3E5-1 |
| Sound pressure | Heat / Cool | dB(A) | 28/28 | 28/28 | 30/30 | 30/30 |
| Dimension | H x W x D | mm | 892 x 500 x 340 | 892 x 500 x 340 | 892 x 500 x 340 | 892 x 500 x 340 |
| Net weight | | kg | 44 | 44 | 44 | 44 |
| Water pipe connector | | Inch | R 1 1/4 | R 1 1/4 | R 1 1/4 | R 1 1/4 |
| A class pump | Number of speeds | | Variable Speed | Variable Speed | Variable Speed | Variable Speed |
| | Input power (Min/Max) | W | 30/100 | 33/106 | 34/114 | 40/120 |
| Heating water flow (ΔT=5 K, 35 °C) | | L/min | 9,2 | 14,3 | 20,1 | 25,8 |
| Capacity of integrated electric heater | | kW | 3 | 3 | 3 | 3 |
| Recommended fuse | | A | 15/30 | 15/30 | 15/30 | 15/30 |
| Recommended cable size, supply 1 / 2 | | mm | 3 x 1,5/3 x 1,5 | 3 x 1,5/3 x 1,5 | 3 x 1,5/3 x 1,5 | 3 x 1,5/3 x 1,5 |
| Outdoor unit | | | WH-UD03HE5-1 | WH-UD05HE5-1 | WH-UD07HE5-1 | WH-UD09HE5-1 |
| Sound power part load | Heat | dB | 55 | 55 | 59 | 59 |
| Sound power full load | Heat / Cool | dB | 64/65 | 65/66 | 68/66 | 69/68 |
| Dimension | H x W x D | mm | 622 x 824 x 298 | 622 x 824 x 298 | 795 x 900 x 320 | 795 x 900 x 320 |
| Net weight | | kg | 39 | 39 | 66 | 66 |
| Refrigerant (R410A) / CO ₂ Eq. | | kg / T | 1,20/2,506 | 1,20/2,506 | 1,45/3,028 | 1,45/3,028 |
| Pipe diameter | Liquid / Gas | Inch (mm) | 1/4 (6,35) / 1/2 (12,70) | 1/4 (6,35) / 1/2 (12,70) | 1/4 (6,35) / 5/8 (15,88) | 1/4 (6,35) / 5/8 (15,88) |
| Pipe length range | | m | 3 - 15 | 3 - 15 | 3 - 40 | 3 - 40 |
| Elevation difference (in/out) | | m | 5 | 5 | 30 | 30 |
| Pipe length for additional gas | | m | 10 | 10 | 10 | 10 |
| Additional gas amount | | g/m | 20 | 20 | 30 | 30 |
| Operation range | Outdoor ambient | °C | -20 ~ +35 | -20 ~ +35 | -20 ~ +35 | -20 ~ +35 |
| Water outlet | Heat / Cool | °C | 20 ~ 55/5 ~ 20 | 20 ~ 55/5 ~ 20 | 20 ~ 55/5 ~ 20 | 20 ~ 55/5 ~ 20 |
| Kit Price | | € | 3066 | 3223 | 3489 | 3786 |
| Indoor unit Price | | € | 1709 | 1793 | 1953 | 2104 |
| Outdoor unit Price | | € | 1357 | 1430 | 1536 | 1682 |

| Accessories | | Price € |
|------------------------|--|-------------|
| PAW-TD20C1E5-UK | Tank 200L - Stainless steel | 1048 |
| PAW-TD30C1E5-UK | Tank 300L - Stainless steel | 1315 |
| PAW-3WYVLY-HW | 3 way valve for DHW Tanks | 173 |
| CZ-NV1 | 3 way valve kit for inside of hydrokit | 263 |
| PAW-BTANK50L-2 | Buffer tank 50L | 258 |

| Accessories | | Price € |
|---------------------------|--|------------|
| CZ-TAW1 | Aquarea Smart Cloud for remote control and maintenance through wireless or wired LAN | 185 |
| CZ-NS4P | Additional functions PCB | 159 |
| PAW-A2W-RTWIRED | Room thermostat | 126 |
| PAW-A2W-RTWIRELESS | Wireless LCD room thermostat | 191 |

EER and COP calculation is based in accordance to EN14511. Sound pressure measured at 1 m from the outdoor unit and at 1,5 m height. Heating sound pressure measured at +7 °C (heating water at 55 °C).



INTERNET CONTROL: Optional. GOOD DESIGN AWARD 2017: Indoor units All in One and Bi-bloc H Generation awarded with the prestigious Good Design Award 2017.



CZ-TAW1
Cloud connection.
For user control
and installer
remote
maintenance.

Aquaarea High Performance Bi-bloc H Generation Single Phase / Three Phase. Heating and Cooling - SDC • R410A refrigerant

| Kit | Single Phase Heating and Cooling | | | Three Phase (Power to indoor) | | |
|--|----------------------------------|---------------------|----------------------|-------------------------------|----------------------|----------------------|
| | KIT-WC12H6E5 | KIT-WC16H6E5 | KIT-WC09H3E8 | KIT-WC12H9E8 | KIT-WC16H9E8 | |
| Heating capacity / COP (A +7 °C, W 35 °C) | kW / COP | 12,00/4,74 | 16,00/4,28 | 9,00/4,84 | 12,00/4,74 | 16,00/4,28 |
| Heating capacity / COP (A +7 °C, W 55 °C) | kW / COP | 12,00/2,88 | 14,50/2,68 | 9,00/2,94 | 12,00/2,88 | 14,50/2,68 |
| Heating capacity / COP (A +2 °C, W 35 °C) | kW / COP | 11,40/3,44 | 13,00/3,28 | 9,00/3,59 | 11,40/3,44 | 13,00/3,28 |
| Heating capacity / COP (A +2 °C, W 55 °C) | kW / COP | 9,10/2,20 | 9,80/2,17 | 8,80/2,23 | 9,10/2,20 | 9,80/2,17 |
| Heating capacity / COP (A -7 °C, W 35 °C) | kW / COP | 10,00/2,73 | 11,40/2,57 | 9,00/2,85 | 10,00/2,73 | 11,40/2,57 |
| Heating capacity / COP (A -7 °C, W 55 °C) | kW / COP | 8,20/1,92 | 9,00/1,82 | 7,90/2,05 | 8,20/1,92 | 9,00/1,82 |
| Cooling capacity / EER (A 35 °C, W 7 °C) | kW / EER | 10,00/2,81 | 12,20/2,56 | 7,00/3,17 | 10,00/2,81 | 12,20/2,56 |
| Cooling capacity / EER (A 35 °C, W 18 °C) | kW / EER | 10,00/4,17 | 12,20/4,12 | 7,00/4,61 | 10,00/4,17 | 12,20/4,12 |
| Seasonal energy efficiency - Heating Average Climate (W35 °C / W55 °C) | ETA % | 190/134 | 190/130 | 190/133 | 190/134 | 190/130 |
| | SCOP | 4,83/3,43 | 4,83/3,33 | 4,83/3,40 | 4,83/3,43 | 4,83/3,33 |
| Energy Class Heating Average Climate (W35 °C / W55 °C) | A+++ to D | A+++/A++ | A+++/A++ | A+++/A++ | A+++/A++ | A+++/A++ |
| Seasonal energy efficiency - Heating Warm Climate (W35 °C / W55 °C) | ETA % | 245/159 | 245/169 | 245/159 | 245/159 | 245/169 |
| | SCOP | 6,20/4,05 | 6,20/4,30 | 6,20/4,05 | 6,20/4,05 | 6,20/4,30 |
| Energy Class Heating Warm Climate (W35 °C / W55 °C) | A+++ to D | A+++/A+++ | A+++/A+++ | A+++/A+++ | A+++/A+++ | A+++/A+++ |
| Seasonal energy efficiency - Heating Cold Climate (W35 °C / W55 °C) | ETA % | 168/121 | 168/121 | 168/121 | 168/121 | 168/121 |
| | SCOP | 4,28/3,10 | 4,28/3,10 | 4,28/3,10 | 4,28/3,10 | 4,28/3,10 |
| Energy Class Heating Cold Climate (W35 °C / W55 °C) | A+++ to D | A++/A+ | A++/A+ | A++/A+ | A++/A+ | A++/A+ |
| Indoor unit | | WH-SDC12H6E5 | WH-SDC16H6E5 | WH-SDC09H3E8 | WH-SDC12H9E8 | WH-SDC16H9E8 |
| Sound pressure | Heat / Cool | dB(A) | 33/33 | 33/33 | 33/33 | 33/33 |
| Dimension | HxWxD | mm | 892x500x340 | 892x500x340 | 892x500x340 | 892x500x340 |
| Net weight | | kg | 44 | 45 | 44 | 45 |
| Water pipe connector | | Inch | R 1½ | R 1½ | R 1½ | R 1½ |
| A class pump | Number of speeds | | Variable Speed | Variable Speed | Variable Speed | Variable Speed |
| | Input power (Min/Max) | W | 34/110 | 30/105 | 32/102 | 34/110 |
| Heating water flow (ΔT=5 K, 35 °C) | | L/min | 34,4 | 45,9 | 25,8 | 34,4 |
| Capacity of integrated electric heater | | kW | 6 | 6 | 3 | 9 |
| Recommended fuse | | A | 30/30 | 30/30 | 15/30 | 15/30 |
| Recommended cable size, supply 1 / 2 | | mm | 3x4,0 or 6,0/3x4,0 | 3x4,0 or 6,0/3x4,0 | 5x1,5/5x1,5 | 5x1,5/5x1,5 |
| Outdoor unit | | WH-UD12HE5 | WH-UD16HE5 | WH-UD09HE8 | WH-UD12HE8 | WH-UD16HE8 |
| Sound power part load | Heat | dB | 65 | 65 | 65 | 65 |
| Sound power full load | Heat / Cool | dB | 69/68 | 72/72 | 68/67 | 69/68 |
| Dimension | HxWxD | mm | 1340x900x320 | 1340x900x320 | 1340x900x320 | 1340x900x320 |
| Net weight | | kg | 101 | 101 | 107 | 107 |
| Refrigerant (R410A) / CO ₂ Eq. | | kg / T | 2,55/5,324 | 2,55/5,324 | 2,55/5,324 | 2,55/5,324 |
| Pipe diameter | Liquid / Gas | Inch (mm) | 3/8(9,52)/5/8(15,88) | 3/8(9,52)/5/8(15,88) | 3/8(9,52)/5/8(15,88) | 3/8(9,52)/5/8(15,88) |
| Pipe length range | | m | 3-50 | 3-50 | 3-30 | 3-30 |
| Elevation difference (in/out) | | m | 30 | 30 | 20 | 20 |
| Pipe length for additional gas | | m | 10 | 10 | 10 | 10 |
| Additional gas amount | | g/m | 50 | 50 | 50 | 50 |
| Operation range | Outdoor ambient | °C | -20 ~ +35 | -20 ~ +35 | -20 ~ +35 | -20 ~ +35 |
| Water outlet | Heat / Cool | °C | 20 ~ 55/5 ~ 20 | 20 ~ 55/5 ~ 20 | 20 ~ 55/5 ~ 20 | 20 ~ 55/5 ~ 20 |
| Kit Price | | € | 4742 | 5739 | 4773 | 5255 |
| Indoor unit Price | | € | 2200 | 2713 | 2263 | 2524 |
| Outdoor unit Price | | € | 2542 | 3026 | 2510 | 2731 |

| Accessories | Price € |
|--|-------------|
| PAW-TD20C1E5-UK Tank 200L - Stainless steel | 1048 |
| PAW-TD30C1E5-UK Tank 300L - Stainless steel | 1315 |
| PAW-3WYVLYV-HW 3 way valve for DHW Tanks | 173 |
| CZ-NV1 3 way valve kit for inside of hydrokit | 263 |
| PAW-BTANK50L-2 Buffer tank 50L | 258 |

| Accessories | Price € |
|--|------------|
| CZ-TAW1 Aquaarea Smart Cloud for remote control and maintenance through wireless or wired LAN | 185 |
| CZ-NS4P Additional functions PCB | 159 |
| PAW-A2W-RTWIRED Room thermostat | 126 |
| PAW-A2W-RTWIRELESS Wireless LCD room thermostat | 191 |

EER and COP calculation is based in accordance to EN14511. Sound pressure measured at 1 m from the outdoor unit and at 1,5 m height. Heating sound pressure measured at +7 °C (heating water at 55 °C).



INTERNET CONTROL: Optional. GOOD DESIGN AWARD 2017: Indoor units All in One and Bi-bloc H Generation awarded with the prestigious Good Design Award 2017.



CZ-TAW1
Cloud connection.
For user control
and installer
remote
maintenance.

Aquarea T-CAP Bi-bloc H Generation Single Phase / Three Phase. Heating and Cooling - SXC • R410A refrigerant

| Kit | Single Phase (Power to indoor) | | | Three Phase (Power to indoor) | | |
|--|--------------------------------|---------------------|----------------------|-------------------------------|----------------------|----------------------|
| | | KIT-WXC09H3E5 | KIT-WXC12H6E5 | KIT-WXC09H3E8 | KIT-WXC12H9E8 | KIT-WXC16H9E8 |
| Heating capacity / COP [A +7 °C, W 35 °C] | kW / COP | 9,00/4,84 | 12,00/4,74 | 9,00/4,84 | 12,00/4,74 | 16,00/4,28 |
| Heating capacity / COP [A +7 °C, W 55 °C] | kW / COP | 9,00/2,94 | 12,00/2,88 | 9,00/2,94 | 12,00/2,88 | 16,00/2,71 |
| Heating capacity / COP [A +2 °C, W 35 °C] | kW / COP | 9,00/3,59 | 12,00/3,44 | 9,00/3,59 | 12,00/3,44 | 16,00/3,10 |
| Heating capacity / COP [A +2 °C, W 55 °C] | kW / COP | 9,00/2,21 | 12,00/2,19 | 9,00/2,21 | 12,00/2,19 | 16,00/2,13 |
| Heating capacity / COP [A -7 °C, W 35 °C] | kW / COP | 9,00/2,85 | 12,00/2,72 | 9,00/2,85 | 12,00/2,72 | 16,00/2,49 |
| Heating capacity / COP [A -7 °C, W 55 °C] | kW / COP | 9,00/2,02 | 12,00/1,92 | 9,00/2,02 | 12,00/1,92 | 16,00/1,86 |
| Cooling capacity / EER [A 35 °C, W 7 °C] | kW / EER | 7,00/3,17 | 10,00/2,81 | 7,00/3,17 | 10,00/2,81 | 12,20/2,57 |
| Cooling capacity / EER [A 35 °C, W 18 °C] | kW / EER | 7,00/5,19 | 10,00/5,13 | 7,00/5,19 | 10,00/5,13 | 12,20/3,49 |
| Seasonal energy efficiency - Heating Average Climate [W35 °C / W55 °C] | ETA % | 181/130 | 170/130 | 181/130 | 170/130 | 160/125 |
| | SCOP | 4,60/3,33 | 4,33/3,33 | 4,60/3,33 | 4,33/3,33 | 4,08/3,20 |
| Energy Class Heating Average Climate [W35 °C / W55 °C] | A+++ to D | A+++ / A++ | A++ / A++ | A+++ / A++ | A++ / A++ | A++ / A++ |
| Seasonal energy efficiency - Heating Warm Climate [W35 °C / W55 °C] | ETA % | 235/158 | 231/158 | 235/158 | 231/158 | 231/159 |
| | SCOP | 5,95/4,03 | 5,85/4,03 | 5,95/4,03 | 5,85/4,03 | 5,85/4,05 |
| Energy Class Heating Warm Climate [W35 °C / W55 °C] | A+++ to D | A+++ / A+++ | A+++ / A+++ | A+++ / A+++ | A+++ / A+++ | A+++ / A+++ |
| Seasonal energy efficiency - Heating Cold Climate [W35 °C / W55 °C] | ETA % | 160/125 | 160/125 | 160/125 | 160/125 | 150/125 |
| | SCOP | 4,08/3,20 | 4,08/3,20 | 4,08/3,20 | 4,08/3,20 | 3,83/3,20 |
| Energy Class Heating Cold Climate [W35 °C / W55 °C] | A+++ to D | A++ / A++ | A++ / A++ | A++ / A++ | A++ / A++ | A++ / A++ |
| Indoor unit | | WH-SXC09H3E5 | WH-SXC12H6E5 | WH-SXC09H3E8 | WH-SXC12H9E8 | WH-SXC16H9E8 |
| Sound pressure | Heat / Cool | dB(A) | 33/33 | 33/33 | 33/33 | 33/33 |
| Dimension | HxWxD | mm | 892x500x340 | 892x500x340 | 892x500x340 | 892x500x340 |
| Net weight | | kg | 43 | 43 | 44 | 45 |
| Water pipe connector | | Inch | R 1½ | R 1½ | R 1½ | R 1½ |
| A class pump | Number of speeds | | Variable Speed | Variable Speed | Variable Speed | Variable Speed |
| | Input power (Min/Max) | W | 32/102 | 34/110 | 32/102 | 30/105 |
| Heating water flow [ΔT=5 K, 35 °C] | | L/min | 25,8 | 34,4 | 25,8 | 45,9 |
| Capacity of integrated electric heater | | kW | 3 | 6 | 3 | 9 |
| Recommended fuse | | A | 30/30 | 30/30 | 16/16 | 16/16 |
| Recommended cable size, supply 1 / 2 | | mm | 3x4,0 or 6,0/3x4,0 | 3x4,0 or 6,0/3x4,0 | 5x1,5/3x1,5 | 5x1,5/5x1,5 |
| Outdoor unit | | | WH-UX09HE5 | WH-UX12HE5 | WH-UX09HE8 | WH-UX12HE8 |
| Sound power part load | Heat | dB | 66 | 66 | 65 | 65 |
| Sound power full load | Heat / Cool | dB | 68/67 | 69/68 | 68/67 | 69/68 |
| Dimension | HxWxD | mm | 1340x900x320 | 1340x900x320 | 1340x900x320 | 1340x900x320 |
| Net weight | | kg | 101 | 101 | 108 | 108 |
| Refrigerant [R410A] / CO ₂ Eq. | | kg / T | 2,85/5,951 | 2,85/5,951 | 2,85/5,951 | 2,85/5,951 |
| Pipe diameter | Liquid / Gas | Inch (mm) | 3/8(9,52)/5/8(15,88) | 3/8(9,52)/5/8(15,88) | 3/8(9,52)/5/8(15,88) | 3/8(9,52)/5/8(15,88) |
| Pipe length range | | m | 3~30 | 3~30 | 3~30 | 3~30 |
| Elevation difference (in/out) | | m | 30 | 30 | 30 | 30 |
| Pipe length for additional gas | | m | 10 | 10 | 10 | 10 |
| Additional gas amount | | g/m | 50 | 50 | 50 | 50 |
| Operation range | Outdoor ambient | °C | -28~+35 | -28~+35 | -28~+35 | -28~+35 |
| Water outlet | Heat / Cool | °C | 20-60/5-20 | 20-60/5-20 | 20-60/5-20 | 20-60/5-20 |
| Kit Price | | € | 4397 | 5507 | 5700 | 6186 |
| Indoor unit Price | | € | 2135 | 2356 | 2530 | 2754 |
| Outdoor unit Price | | € | 2262 | 3151 | 3170 | 3432 |

| Accessories | | Price € |
|------------------------|--|-------------|
| PAW-TD20C1E5-UK | Tank 200L - Stainless steel | 1048 |
| PAW-TD30C1E5-UK | Tank 300L - Stainless steel | 1315 |
| PAW-3WYVLY-HW | 3 way valve for DHW Tanks | 173 |
| CZ-NV1 | 3 way valve kit for inside of hydrokit | 263 |
| PAW-BTANK50L-2 | Buffer tank 50L | 258 |

| Accessories | | Price € |
|---------------------------|--|------------|
| CZ-TAW1 | Aquarea Smart Cloud for remote control and maintenance through wireless or wired LAN | 185 |
| CZ-NS4P | Additional functions PCB | 159 |
| PAW-A2W-RTWIRED | Room thermostat | 126 |
| PAW-A2W-RTWIRELESS | Wireless LCD room thermostat | 191 |

EER and COP calculation is based in accordance to EN14511. Sound pressure measured at 1 m from the outdoor unit and at 1,5 m height. Heating sound pressure measured at +7 °C (heating water at 55 °C).



INTERNET CONTROL: Optional. GOOD DESIGN AWARD 2017: Indoor units All in One and Bi-bloc H Generation awarded with the prestigious Good Design Award 2017.



CZ-TAW1
Cloud connection.
For user control
and installer
remote
maintenance.

Aquaarea T-CAP Bi-bloc H Generation Three Phase. Super Quiet outdoor unit. Heating and Cooling - SQC • R410A refrigerant

| | | | Three Phase (Power to indoor) | | |
|--|-----------------------|-----------|-------------------------------|----------------------|----------------------|
| Kit | | | KIT-WQC09H3E8 | KIT-WQC12H9E8 | KIT-WQC16H9E8 |
| Heating capacity / COP (A +7 °C, W 35 °C) | kW / COP | | 9,00/4,84 | 12,00/4,74 | 16,00/4,28 |
| Heating capacity / COP (A +7 °C, W 55 °C) | kW / COP | | 9,00/2,94 | 12,00/2,88 | 16,00/2,71 |
| Heating capacity / COP (A +2 °C, W 35 °C) | kW / COP | | 9,00/3,59 | 12,00/3,44 | 16,00/3,10 |
| Heating capacity / COP (A +2 °C, W 55 °C) | kW / COP | | 9,00/2,21 | 12,00/2,19 | 16,00/2,13 |
| Heating capacity / COP (A -7 °C, W 35 °C) | kW / COP | | 9,00/2,85 | 12,00/2,72 | 16,00/2,49 |
| Heating capacity / COP (A -7 °C, W 55 °C) | kW / COP | | 9,00/2,02 | 12,00/1,92 | 16,00/1,86 |
| Cooling capacity / EER (A 35 °C, W 7 °C) | kW / EER | | 7,00/3,17 | 10,00/2,81 | 12,20/2,57 |
| Cooling capacity / EER (A 35 °C, W 18 °C) | kW / EER | | 7,00/5,19 | 10,00/5,13 | 12,20/3,49 |
| Seasonal energy efficiency - Heating Average Climate (W35 °C / W55 °C) | ETA % | | 181/130 | 170/130 | 160/125 |
| | SCOP | | 4,60/3,33 | 4,33/3,33 | 4,08/3,20 |
| Energy Class Heating Average Climate (W35 °C / W55 °C) | | | A+++ to D | A++/A++ | A++/A++ |
| Seasonal energy efficiency - Heating Warm Climate (W35 °C / W55 °C) | ETA % | | 235/158 | 231/158 | 231/159 |
| | SCOP | | 5,95/4,03 | 5,85/4,03 | 5,85/4,05 |
| Energy Class Heating Warm Climate (W35 °C / W55 °C) | | | A+++ to D | A+++/A+++ | A+++/A+++ |
| Seasonal energy efficiency - Heating Cold Climate (W35 °C / W55 °C) | ETA % | | 160/125 | 160/125 | 150/125 |
| | SCOP | | 4,08/3,20 | 4,08/3,20 | 3,83/3,20 |
| Energy Class Heating Cold Climate (W35 °C / W55 °C) | | | A+++ to D | A++/A++ | A++/A++ |
| Indoor unit | | | WH-SQC09H3E8 | WH-SQC12H9E8 | WH-SQC16H9E8 |
| Sound pressure | Heat / Cool | dB(A) | 33/33 | 33/33 | 33/33 |
| Dimension | H x W x D | mm | 892 x 500 x 340 | 892 x 500 x 340 | 892 x 500 x 340 |
| Net weight | | kg | 43 | 44 | 45 |
| Water pipe connector | | Inch | R 1½ | R 1½ | R 1½ |
| A class pump | Number of speeds | | Variable Speed | Variable Speed | Variable Speed |
| | Input power (Min/Max) | W | 32/102 | 34/110 | 30/105 |
| Heating water flow (ΔT=5 K, 35 °C) | | L/min | 25,8 | 34,4 | 45,9 |
| Capacity of integrated electric heater | | kW | 3 | 9 | 9 |
| Recommended fuse | | A | 15/30 | 15/30 | 15/30 |
| Recommended cable size, supply 1 / 2 | | mm | 5 x 1,5/3 x 1,5 | 5 x 1,5/5 x 1,5 | 5 x 1,5/5 x 1,5 |
| Outdoor unit | | | WH-UQ09H8E8 | WH-UQ12H8E8 | WH-UQ16H8E8 |
| Sound power part load | Heat | dB | 58 | 58 | 62 |
| Sound power full load | Heat / Cool | dB | 61/63 | 62/64 | 65/68 |
| Dimension | H x W x D | mm | 1410 x 1283 x 320 | 1410 x 1283 x 320 | 1410 x 1283 x 320 |
| Net weight | | kg | 151 | 151 | 161 |
| Refrigerant (R410A) / CO ₂ Eq. | | kg / T | 2,85/5,951 | 2,85/5,951 | 2,99/6,243 |
| Pipe diameter | Liquid / Gas | Inch (mm) | 3/8(9,52)/5/8(15,88) | 3/8(9,52)/5/8(15,88) | 3/8(9,52)/5/8(15,88) |
| Pipe length range | | m | 3-30 | 3-30 | 3-30 |
| Elevation difference (in/out) | | m | 20 | 20 | 20 |
| Pipe length for additional gas | | m | 10 | 10 | 10 |
| Additional gas amount | | g/m | 50 | 50 | 50 |
| Operation range | Outdoor ambient | °C | -28 ~ +35 | -28 ~ +35 | -28 ~ +35 |
| Water outlet | Heat / Cool | °C | 20-60/5-20 | 20-60/5-20 | 20-60/5-20 |
| Kit Price | | € | 6625 | 7185 | 8575 |
| Indoor unit Price | | € | 2660 | 2895 | 3225 |
| Outdoor unit Price | | € | 3965 | 4290 | 5350 |

| Accessories | Price € |
|--|-------------|
| PAW-TD20C1E5-UK Tank 200L - Stainless steel | 1048 |
| PAW-TD30C1E5-UK Tank 300L - Stainless steel | 1315 |
| PAW-3WYVLYV-HW 3 way valve for DHW Tanks | 173 |
| CZ-NV1 3 way valve kit for inside of hydrokit | 263 |
| PAW-BTANK50L-2 Buffer tank 50L | 258 |

| Accessories | Price € |
|--|------------|
| CZ-TAW1 Aquaarea Smart Cloud for remote control and maintenance through wireless or wired LAN | 185 |
| CZ-NS4P Additional functions PCB | 159 |
| PAW-A2W-RTWIRED Room thermostat | 126 |
| PAW-A2W-RTWIRELESS Wireless LCD room thermostat | 191 |

EER and COP calculation is based in accordance to EN14511. Sound pressure measured at 1 m from the outdoor unit and at 1,5 m height. Heating sound pressure measured at +7 °C (heating water at 55 °C).



INTERNET CONTROL: Optional. GOOD DESIGN AWARD 2017: Indoor units All in One and Bi-bloc H Generation awarded with the prestigious Good Design Award 2017.



CZ-TAW1
Cloud connection.
For user control
and installer
remote
maintenance.

Aquarea High Performance Mono-bloc H Generation Single Phase. Heating and Cooling - MDC • R410A refrigerant

| | | Single Phase Heating and Cooling | | | | |
|--|-----------------------|----------------------------------|--------------------|--------------------|--------------------|--------------------|
| Outdoor unit | | WH-MDC05H3E5 | WH-MDC07H3E5 | WH-MDC09H3E5 | WH-MDC12H6E5 | WH-MDC16H6E5 |
| Heating capacity / COP [A +7 °C, W 35 °C] | kW / COP | 5,00/5,08 | 7,00/4,52 | 9,00/4,29 | 12,00/4,74 | 16,00/4,28 |
| Heating capacity / COP [A +7 °C, W 55 °C] | kW / COP | 5,00/2,84 | 7,00/2,83 | 9,00/2,72 | 12,00/2,93 | 14,50/2,72 |
| Heating capacity / COP [A +2 °C, W 35 °C] | kW / COP | 4,80/3,36 | 6,60/3,30 | 6,80/3,18 | 11,40/3,44 | 13,00/3,28 |
| Heating capacity / COP [A +2 °C, W 55 °C] | kW / COP | 4,00/2,33 | 6,30/2,22 | 6,30/2,13 | 9,10/2,23 | 9,80/2,21 |
| Heating capacity / COP [A -7 °C, W 35 °C] | kW / COP | 4,70/2,85 | 5,50/2,70 | 6,40/2,60 | 10,00/2,73 | 11,40/2,57 |
| Heating capacity / COP [A -7 °C, W 55 °C] | kW / COP | 4,30/1,89 | 5,00/1,82 | 5,80/1,78 | 8,20/1,95 | 9,00/1,84 |
| Cooling capacity / EER [A 35 °C, W 7 °C] | kW / EER | 4,50/3,28 | 6,00/2,78 | 7,00/2,60 | 10,00/2,81 | 12,20/2,56 |
| Cooling capacity / EER [A 35 °C, W 18 °C] | kW / EER | 5,10/5,10 | 6,00/3,87 | 7,00/3,59 | 10,00/4,65 | 12,20/4,12 |
| Seasonal energy efficiency - Heating Average Climate [W35 °C / W55 °C] | ETA % | 199/139 | 190/130 | 190/130 | 190/134 | 190/130 |
| | SCOP | 5,05/3,55 | 4,83/3,33 | 4,83/3,33 | 4,83/3,43 | 4,83/3,33 |
| Energy Class Heating Average Climate [W35 °C / W55 °C] | A+++ to D | A+++ / A++ | A+++ / A++ | A+++ / A++ | A+++ / A++ | A+++ / A++ |
| Seasonal energy efficiency - Heating Warm Climate [W35 °C / W55 °C] | ETA % | 237/161 | 225/160 | 225/160 | 245/159 | 245/169 |
| | SCOP | 6,00/4,10 | 5,70/4,08 | 5,70/4,08 | 6,20/4,05 | 6,20/4,30 |
| Energy Class Heating Warm Climate [W35 °C / W55 °C] | A+++ to D | A+++ / A+++ | A+++ / A+++ | A+++ / A+++ | A+++ / A+++ | A+++ / A+++ |
| Seasonal energy efficiency - Heating Cold Climate [W35 °C / W55 °C] | ETA % | 160/115 | 160/115 | 160/115 | 168/121 | 168/121 |
| | SCOP | 4,08/2,95 | 4,08/2,95 | 4,08/2,95 | 4,28/3,10 | 4,28/3,10 |
| Energy Class Heating Cold Climate [W35 °C / W55 °C] | A+++ to D | A++ / A+ | A++ / A+ | A++ / A+ | A++ / A+ | A++ / A+ |
| Sound power partial load | Heat | dB | 55 | 59 | 59 | 65 |
| Sound power full load | Heat / Cool | dB | 65/65 | 68/66 | 69/67 | 69/68 |
| Dimension | HxWxD | mm | 865x1283x320 | 865x1283x320 | 865x1283x320 | 1410x1283x320 |
| Net weight | | kg | 94 | 104 | 104 | 140 |
| Refrigerant [R410A] / CO ₂ Eq. ¹⁾ | | kg / T | 1,30/2714 | 1,35/2819 | 1,35/2819 | 2,10/4,385 |
| Water pipe connector | | Inch | R 1½ | R 1½ | R 1½ | R 1½ |
| Pump | Number of speeds | | Variable Speed | Variable Speed | Variable Speed | Variable Speed |
| | Input power [Min/Max] | W | 34/96 | 36/100 | 39/108 | 34/110 |
| Heating water flow [ΔT=5 K, 35 °C] | | L/min | 14,3 | 20,1 | 25,8 | 34,4 |
| Capacity of integrated electric heater | | kW | 3 | 3 | 3 | 6 |
| Input Power | Heat | kW | 0,985 | 1,55 | 2,10 | 2,53 |
| | Cool | kW | 1,37 | 2,16 | 2,69 | 3,56 |
| Running and Starting current | Heat | A | 4,7 | 7,2 | 9,6 | 11,7 |
| | Cool | A | 6,3 | 9,9 | 12,2 | 16,2 |
| Current 1 | | A | 13,0 | 21,0 | 22,9 | 24,0 |
| Current 2 | | A | 13,0 | 13,0 | 13,0 | 26,0 |
| Recommended fuse | | A | 30/15 | 30/15 | 30/16 | 30/30 |
| Recommended cable size, supply 1 / 2 | | mm ² | 3x4,0 or 6,0/3x4,0 | 3x4,0 or 6,0/3x4,0 | 3x4,0 or 6,0/3x4,0 | 3x4,0 or 6,0/3x4,0 |
| Operation range | Outdoor ambient | °C | -20 ~ +35 | -20 ~ +35 | -20 ~ +35 | -20 ~ +35 |
| Water outlet | Heat | °C | 20 ~ 55 | 20 ~ 55 | 20 ~ 55 | 25 ~ 55 |
| | Cool | °C | 5 ~ 20 | 5 ~ 20 | 5 ~ 20 | 5 ~ 20 |
| Outdoor unit Price | € | | 2855 | 3335 | 4255 | 5604 |

| Accessories | Price € |
|---|-------------|
| PAW-TD20C1E5-UK Tank 200L - Stainless steel | 1048 |
| PAW-TD30C1E5-UK Tank 300L - Stainless steel | 1315 |
| PAW-TD23B6E5 Combo Tank 230L + 60L - Stainless Steel | 3505 |
| PAW-3WYVLV-HW 3 way valve for DHW Tanks | 173 |
| PAW-BTANK50L-2 Buffer tank 50L | 258 |

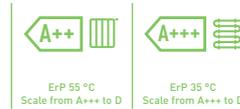
| Accessories | Price € |
|---|------------|
| CZ-TAW1 Aquarea Smart Cloud for remote control and maintenance through wireless or wired LAN | 185 |
| PAW-A2W-RTWIRED Room thermostat | 126 |
| PAW-A2W-RTWIRELESS Wireless LCD room thermostat | 191 |

EER and COP calculation is based in accordance to EN14511. Sound pressure measured at 1 m from the outdoor unit and at 1,5 m height. Heating sound pressure measured at +7 °C (heating water at 55 °C).
1) WH-MDC models are hermetically sealed.



INTERNET CONTROL: Optional.

011-1W0206
For WH-MXC09H3E5
and WH-MXC12H6E5)



CZ-TAW1
Cloud connection.
For user control
and installer
remote
maintenance.

Aquarea T-CAP Mono-bloc H Generation Single Phase / Three Phase. Heating and Cooling - MXC • R410A refrigerant

| | | Single Phase | | | Three Phase | |
|--|-----------------------|-----------------|--------------------|--------------------|----------------|----------------|
| | | WH-MXC09H3E5 | WH-MXC12H6E5 | WH-MXC09H3E8 | WH-MXC12H9E8 | WH-MXC16H9E8 |
| Outdoor unit | | | | | | |
| Heating capacity / COP (A +7 °C, W 35 °C) | kW / COP | 9,00/4,84 | 12,00/4,74 | 9,00/4,84 | 12,00/4,74 | 16,00/4,28 |
| Heating capacity / COP (A +7 °C, W 55 °C) | kW / COP | 9,00/2,94 | 12,00/2,88 | 9,00/2,94 | 12,00/2,88 | 16,00/2,71 |
| Heating capacity / COP (A +2 °C, W 35 °C) | kW / COP | 9,00/3,59 | 12,00/3,44 | 9,00/3,59 | 12,00/3,44 | 16,00/3,10 |
| Heating capacity / COP (A +2 °C, W 55 °C) | kW / COP | 9,00/2,21 | 12,00/2,19 | 9,00/2,21 | 12,00/2,19 | 16,00/2,13 |
| Heating capacity / COP (A -7 °C, W 35 °C) | kW / COP | 9,00/2,85 | 12,00/2,72 | 9,00/2,85 | 12,00/2,72 | 16,00/2,49 |
| Heating capacity / COP (A -7 °C, W 55 °C) | kW / COP | 9,00/2,02 | 12,00/1,92 | 9,00/2,02 | 12,00/1,92 | 16,00/1,86 |
| Cooling capacity / EER (A 35 °C, W 7 °C) | kW / EER | 7,00/3,17 | 10,00/2,81 | 7,00/3,17 | 10,00/2,81 | 12,20/2,56 |
| Cooling capacity / EER (A 35 °C, W 18 °C) | kW / EER | 7,00/5,19 | 10,00/5,13 | 7,00/5,19 | 10,00/5,13 | 12,20/3,49 |
| Seasonal energy efficiency - Heating Average Climate (W35 °C / W55 °C) | ETA % | 181/130 | 170/130 | 181/130 | 170/130 | 160/125 |
| | SCOP | 4,60/3,33 | 4,33/3,33 | 4,60/3,33 | 4,33/3,33 | 4,08/3,20 |
| Energy Class Heating Average Climate (W35 °C / W55 °C) | | A+++ to D | A+++ to D | A+++ to D | A+++ to D | A+++ to D |
| Seasonal energy efficiency - Heating Warm Climate (W35 °C / W55 °C) | ETA % | 235/158 | 231/158 | 235/158 | 231/158 | 231/159 |
| | SCOP | 5,95/4,03 | 5,85/4,03 | 5,95/4,03 | 5,85/4,03 | 5,85/4,05 |
| Energy Class Heating Warm Climate (W35 °C / W55 °C) | | A+++ to D | A+++ to D | A+++ to D | A+++ to D | A+++ to D |
| Seasonal energy efficiency - Heating Cold Climate (W35 °C / W55 °C) | ETA % | 160/125 | 160/125 | 160/125 | 160/125 | 150/125 |
| | SCOP | 4,08/3,20 | 4,08/3,20 | 4,08/3,20 | 4,08/3,20 | 3,83/3,20 |
| Energy Class Heating Cold Climate (W35 °C / W55 °C) | | A+++ to D | A+++ to D | A+++ to D | A+++ to D | A+++ to D |
| Sound power partial load | Heat | dB | 65 | 65 | 65 | 66 |
| Sound power full load | Heat / Cool | dB | 68/67 | 69/68 | 68/67 | 72/71 |
| Dimension | HxWxD | mm | 1410x1283x320 | 1410x1283x320 | 1410x1283x320 | 1410x1283x320 |
| Net weight | | kg | 142 | 142 | 151 | 164 |
| Refrigerant (R410A) / CO ₂ Eq. ¹⁾ | | kg / T | 2,30/4,802 | 2,30/4,802 | 2,30/4,802 | 2,35/4,907 |
| Water pipe connector | | Inch | R 1½ | R 1½ | R 1½ | R 1½ |
| Pump | Number of speeds | | Variable Speed | Variable Speed | Variable Speed | Variable Speed |
| | Input power (Min/Max) | W | 32/102 | 34/110 | 32/102 | 34/110 |
| Heating water flow (ΔT=5 K, 35 °C) | | L/min | 25,8 | 34,4 | 25,8 | 34,4 |
| Capacity of integrated electric heater | | kW | 3 | 6 | 3 | 9 |
| Input Power | Heat | kW | 1,86 | 2,53 | 1,86 | 2,53 |
| | Cool | kW | 2,21 | 3,56 | 2,21 | 3,56 |
| Running and Starting current | Heat | A | 8,8 | 11,7 | 3,0 | 4,0 |
| | Cool | A | 10,4 | 16,5 | 3,5 | 5,3 |
| Current 1 | | A | 29,0 | 29,0 | 14,7 | 11,9 |
| Current 2 | | A | 13,0 | 26,0 | 13,0 | 13,0 |
| Recommended fuse | | A | 30/30 | 30/30 | 16/16 | 16/16 |
| Recommended cable size, supply 1 / 2 | | mm ² | 3x4,0 or 6,0/3x4,0 | 3x4,0 or 6,0/3x4,0 | 5x1,5/3x1,5 | 5x1,5/5x1,5 |
| Operation range | Outdoor ambient | °C | -20 ~ +35 | -20 ~ +35 | -20 ~ +35 | -20 ~ +35 |
| Water outlet | Heat | °C | 20 ~ 60 | 20 ~ 60 | 20 ~ 60 | 20 ~ 60 |
| | Cool | °C | 5 ~ 20 | 5 ~ 20 | 5 ~ 20 | 5 ~ 20 |
| Outdoor unit Price | | € | 4987 | 6236 | 6514 | 7303 |

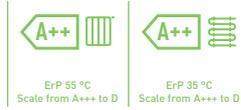
| Accessories | Price € |
|---|-------------|
| PAW-TD20C1E5-UK Tank 200L - Stainless steel | 1048 |
| PAW-TD30C1E5-UK Tank 300L - Stainless steel | 1315 |
| PAW-TD23B6E5 Combo Tank 230L + 60L - Stainless Steel | 3505 |
| PAW-3WYVLV-HW 3 way valve for DHW Tanks | 173 |
| PAW-BTANK50L-2 Buffer tank 50L | 258 |

| Accessories | Price € |
|---|------------|
| CZ-TAW1 Aquarea Smart Cloud for remote control and maintenance through wireless or wired LAN | 185 |
| PAW-A2W-RTWIRED Room thermostat | 126 |
| PAW-A2W-RTWIRELESS Wireless LCD room thermostat | 191 |

EER and COP calculation is based in accordance to EN14511. Sound pressure measured at 1 m from the outdoor unit and at 1,5 m height. Heating sound pressure measured at +7 °C (heating water at 55 °C).
1) WH-MXC models are hermetically sealed.



INTERNET CONTROL: Optional.



Aquarea HT Bi-bloc F Generation Single Phase / Three Phase. Heating Only - SHF • R407C refrigerant

| Kit | Single Phase (Power to indoor) | | Three Phase (Power to indoor) | | |
|--|--------------------------------|---------------------|-------------------------------|----------------------|----------------------|
| | KIT-WHF09F3E5 | KIT-WHF12F6E5 | KIT-WHF09F3E8 | KIT-WHF12F9E8 | |
| Heating capacity / COP [A +7 °C, W 35 °C] | kW / COP | 9,00/4,64 | 12,00/4,46 | 9,00/4,64 | 12,00/4,46 |
| Heating capacity / COP [A +7 °C, W 65 °C] | kW / COP | 9,00/2,48 | 12,00/2,41 | 9,00/2,48 | 12,00/2,41 |
| Heating capacity / COP [A +2 °C, W 35 °C] | kW / COP | 9,00/3,45 | 12,00/3,26 | 9,00/3,45 | 12,00/3,26 |
| Heating capacity / COP [A +2 °C, W 65 °C] | kW / COP | 9,00/2,06 | 10,30/2,01 | 9,00/2,06 | 10,30/2,01 |
| Heating capacity / COP [A -7 °C, W 35 °C] | kW / COP | 9,00/2,74 | 12,00/2,52 | 9,00/2,74 | 12,00/2,52 |
| Heating capacity / COP [A -7 °C, W 65 °C] | kW / COP | 9,00/1,79 | 9,60/1,77 | 9,00/1,79 | 9,60/1,77 |
| Seasonal energy efficiency - Heating Average Climate (W35 °C / W55 °C) | ETA % | 153/125 | 150/125 | 153/125 | 150/125 |
| | SCOP | 3,90/3,20 | 3,83/3,20 | 3,90/3,20 | 3,83/3,20 |
| Energy Class Heating Average Climate (W35 °C / W55 °C) | A+++ to D | A++/A++ | A++/A++ | A++/A++ | A++/A++ |
| Seasonal energy efficiency - Heating Warm Climate (W35 °C / W55 °C) | ETA % | 191/156 | 188/156 | 191/156 | 188/156 |
| | SCOP | 4,85/3,98 | 4,78/3,98 | 4,85/3,98 | 4,78/3,98 |
| Energy Class Heating Warm Climate (W35 °C / W55 °C) | A+++ to D | A+++/A+++ | A+++/A+++ | A+++/A+++ | A+++/A+++ |
| Seasonal energy efficiency - Heating Cold Climate (W35 °C / W55 °C) | ETA % | 137/116 | 134/113 | 137/116 | 134/113 |
| | SCOP | 3,50/2,98 | 3,43/2,90 | 3,50/2,98 | 3,43/2,90 |
| Energy Class Heating Cold Climate (W35 °C / W55 °C) | A+++ to D | A+/A+ | A+/A+ | A+/A+ | A+/A+ |
| Indoor unit | | WH-SHF09F3E5 | WH-SHF12F6E5 | WH-SHF09F3E8 | WH-SHF12F9E8 |
| Sound pressure | dB(A) | 33 | 33 | 33 | 33 |
| Dimension | HxWxD | mm | 892x502x353 | 892x502x353 | 892x502x353 |
| Net weight | | kg | 46 | 47 | 48 |
| Water pipe connector | | Inch | R 1½ | R 1½ | R 1½ |
| A class pump | Number of speeds | | 7 | 7 | 7 |
| | Input power (Min/Max) | W | 38/100 | 40/106 | 38/100 |
| Heating water flow (ΔT=5 K, 35 °C) | L/min | 25,8 | 34,4 | 25,8 | 34,4 |
| Capacity of integrated electric heater | kW | 3 | 6 | 3 | 9 |
| Recommended fuse | A | 30/30 | 30/30 | 30/16 | 30/16 |
| Recommended cable size, supply 1 / 2 | mm | 3x4,0 or 6,0/3x4,0 | 3x4,0 or 6,0/3x4,0 | 5x1,5/3x1,5 | 5x1,5/5x1,5 |
| Outdoor unit | | WH-UH09FE5 | WH-UH12FE5 | WH-UH09FE8 | WH-UH12FE8 |
| Sound power part load | dB | — | — | — | — |
| Sound power full load | dB | 66 | 67 | 66 | 67 |
| Dimension | HxWxD | mm | 1340x900x320 | 1340x900x320 | 1340x900x320 |
| Net weight | | kg | 104 | 104 | 110 |
| Refrigerant (R407C) / CO ₂ Eq. | kg / T | 2,90/5,145 | 2,90/5,145 | 2,90/5,145 | 2,90/5,145 |
| Pipe diameter | Liquid / Gas | Inch (mm) | 3/8(9,52)/5/8(15,88) | 3/8(9,52)/5/8(15,88) | 3/8(9,52)/5/8(15,88) |
| Pipe length range | | m | 3-30 | 3-30 | 3-30 |
| Elevation difference (in/out) | | m | 20 | 20 | 20 |
| Pipe length for additional gas | | m | 10 | 10 | 10 |
| Additional gas amount | | g/m | 70 | 70 | 70 |
| Operation range | Outdoor ambient | °C | -20 ~ +35 | -20 ~ +35 | -20 ~ +35 |
| Water outlet | Heat | °C | 25 ~ 65 | 25 ~ 65 | 25 ~ 65 |
| Kit Price | € | 4135 | 5161 | 5391 | 5933 |
| Indoor unit Price | € | 1891 | 2188 | 2431 | 2697 |
| Outdoor unit Price | € | 2244 | 2973 | 2960 | 3236 |

| Accessories | Price € |
|--|-------------|
| PAW-TD20C1E5-UK Tank 200L - Stainless steel | 1048 |
| PAW-TD30C1E5-UK Tank 300L - Stainless steel | 1315 |
| PAW-3WYVLV-HW 3 way valve for DHW Tanks | 173 |
| PAW-BTANK50L-2 Buffer tank 50L | 258 |

| Accessories | Price € |
|--|------------|
| PAW-A2W-RTWIRED Room thermostat | 126 |
| PAW-A2W-RTWIRELESS Wireless LCD room thermostat | 191 |

EER and COP calculation is based in accordance to EN14511. Sound pressure measured at 1 m from the outdoor unit and at 1,5 m height. Heating sound pressure measured at +7 °C (heating water at 55 °C).
 EER and COP calculation is based in accordance to EN14511. Sound pressure measured at 1 m from the outdoor unit and at 1,5 m height. Heating sound pressure measured at +7 °C (heating water at 55 °C).



INTERNET CONTROL: Optional.



Aqua HT Mono-bloc G Generation Single Phase. Heating Only - MHF • R407C refrigerant

Single Phase

| Outdoor unit | | WH-MHF09G3E5 | WH-MHF12G6E5 |
|--|-----------------------|--------------------|--------------------|
| Heating capacity / COP (A +7 °C, W 35 °C) | kW / COP | 9,00/4,64 | 12,00/4,46 |
| Heating capacity / COP (A +7 °C, W 65 °C) | kW / COP | 9,00/2,48 | 12,00/2,41 |
| Heating capacity / COP (A +2 °C, W 35 °C) | kW / COP | 9,00/3,45 | 12,00/3,26 |
| Heating capacity / COP (A +2 °C, W 65 °C) | kW / COP | 9,00/2,06 | 10,30/2,01 |
| Heating capacity / COP (A -7 °C, W 35 °C) | kW / COP | 9,00/2,74 | 12,00/2,52 |
| Heating capacity / COP (A -7 °C, W 65 °C) | kW / COP | 9,00/1,79 | 9,60/1,77 |
| Seasonal energy efficiency - Heating Average Climate (W35 °C / W55 °C) | ETA % | 153/125 | 150/125 |
| | SCOP | 3,90/3,20 | 3,83/3,20 |
| Energy Class Heating Average Climate (W35 °C / W55 °C) | A+++ to D | A++/A++ | A++/A++ |
| Seasonal energy efficiency - Heating Warm Climate (W35 °C / W55 °C) | ETA % | 191/156 | 188/156 |
| | SCOP | 4,85/3,98 | 4,78/3,98 |
| Energy Class Heating Warm Climate (W35 °C / W55 °C) | A+++ to D | A+++/A+++ | A+++/A+++ |
| Seasonal energy efficiency - Heating Cold Climate (W35 °C / W55 °C) | ETA % | 137/116 | 134/113 |
| | SCOP | 3,50/2,98 | 3,43/2,90 |
| Energy Class Heating Cold Climate (W35 °C / W55 °C) | A+++ to D | A+/A+ | A+/A+ |
| Sound power part load | dB | — | — |
| Sound power full load | dB | 68 | 69 |
| Dimension | HxWxD | mm | 1410x1283x320 |
| Net weight | kg | 151 | 151 |
| Refrigerant (R407C) / CO ₂ Eq. ¹⁾ | kg / T | 1,92/3,406 | 1,92/3,406 |
| Water pipe connector | Inch | R 1½ | R 1½ |
| Pump | Number of speeds | 7 | 7 |
| | Input power (Min/Max) | W | — |
| Heating water flow (ΔT=5 K. 35 °C) | L/min | 25,8 | 34,4 |
| Capacity of integrated electric heater | kW | 3 | 6 |
| Input Power | kW | 1,94 | 2,69 |
| Running and Starting current | A | 9,3 | 12,8 |
| Current 1 | A | 28,5 | 29,0 |
| Current 2 | A | 13,0 | 26,0 |
| Recommended fuse | A | 30/30 | 30/30 |
| Recommended cable size, supply 1 / 2 | mm ² | 3x4,0 or 6,0/3x4,0 | 3x4,0 or 6,0/3x4,0 |
| Operation range | Outdoor ambient | °C | -20 ~ +35 |
| Water outlet | Heat | °C | 25 ~ 65 |
| Outdoor unit Price | € | 4711 | 5890 |

| Accessories | Price € |
|---|-------------|
| PAW-TD20C1E5-UK Tank 200L - Stainless steel | 1048 |
| PAW-TD30C1E5-UK Tank 300L - Stainless steel | 1315 |
| PAW-TD23B6E5 Combo Tank 230L + 60L - Stainless Steel | 3505 |
| PAW-3WYVLV-HW 3 way valve for DHW Tanks | 173 |
| PAW-BTANK50L-2 Buffer tank 50L | 258 |

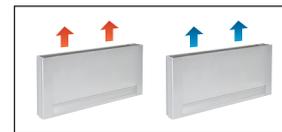
| Accessories | Price € |
|---|------------|
| PAW-A2W-RTWIRED Room thermostat | 126 |
| PAW-A2W-RTWIREDLESS Wireless LCD room thermostat | 191 |

EER and COP calculation is based in accordance to EN14511. Sound pressure measured at 1 m from the outdoor unit and at 1,5 m height. Heating sound pressure measured at +7 °C (heating water at 55 °C).
1) WH-MHF models are hermetically sealed.



INTERNET CONTROL: Optional.

Smart fan coils



| Air flow | Speed | PAW-AAIR-200-2 | | | PAW-AAIR-700-2 | | | PAW-AAIR-900-2 | | |
|--------------------------------|----------|-----------------|--------|--------|-----------------|---------|---------|------------------|---------|---------|
| | | Min | Med | Max | Min | Med | Max | Min | Med | Max |
| Heating mode | | | | | | | | | | |
| Total heating capacity | W | 217,00 | 470,00 | 570,00 | 708,00 | 1032,00 | 1188,00 | 886,00 | 1420,00 | 1703,00 |
| Water flow | kg/h | 37,30 | 80,80 | 98,00 | 121,80 | 177,50 | 204,30 | 152,40 | 244,20 | 292,90 |
| Water pressure drop | kPa | 0,40 | 2,00 | 2,90 | 0,30 | 0,80 | 1,00 | 0,50 | 1,60 | 2,20 |
| Inlet water temperature | °C | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 |
| Outlet water temperature | °C | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| Inlet air temperature | °C | 19,00 | 19,00 | 19,00 | 19,00 | 19,00 | 19,00 | 19,00 | 19,00 | 19,00 |
| Outlet air temperature | °C | 38,90 | 32,00 | 30,00 | 33,30 | 31,80 | 30,60 | 30,20 | 31,10 | 30,60 |
| Cooling mode | | | | | | | | | | |
| Total cooling capacity | W | 237,00 | 345,00 | 555,00 | 756,00 | 1039,00 | 1204,00 | 1153,00 | 1518,00 | 1746,00 |
| Sensible cooling capacity | W | 230,00 | 314,00 | 504,00 | 646,00 | 903,00 | 1058,00 | 1061,00 | 1384,00 | 1598,00 |
| Water flow | kg/h | 40,00 | 59,00 | 95,00 | 129,00 | 178,00 | 207,00 | 198,00 | 261,00 | 300,00 |
| Water pressure drop | kPa | 0,40 | 2,00 | 2,90 | 1,00 | 2,00 | 2,00 | 6,00 | 9,00 | 12,00 |
| Inlet water temperature | °C | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Outlet water temperature | °C | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| Inlet air temperature | °C | 27,00 | 27,00 | 27,00 | 27,00 | 27,00 | 27,00 | 27,00 | 27,00 | 27,00 |
| Outlet air temperature | °C | 15,00 | 17,00 | 18,00 | 14,00 | 16,00 | 17,00 | 16,00 | 17,00 | 18,00 |
| Relative humidity of inlet air | % | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 |
| Air flow | m³/min | 0,90 | 1,90 | 2,70 | 2,60 | 4,20 | 5,30 | 4,10 | 6,10 | 7,70 |
| Maximum input power | W | 7,00 | 9,00 | 13,00 | 14,00 | 18,00 | 22,00 | 16,00 | 20,00 | 24,00 |
| Sound pressure | dB(A) | 23 | 33 | 40 | 24 | 36 | 42 | 25 | 36 | 44 |
| Dimension (HxWxD) | mm | 735 x 579 x 129 | | | 935 x 579 x 129 | | | 1135 x 579 x 129 | | |
| Net weight | kg | 17 | | | 20 | | | 23 | | |
| 3 Ways valve included | | Yes | | | Yes | | | Yes | | |
| Touch screen thermostat | | Yes | | | Yes | | | Yes | | |
| Price | € | 668 | | | 726 | | | 867 | | |

* Smart fan coils is produced by Innova.

| Accessories | Price € |
|---|-----------|
| PAW-AAIR-LEGS-1 Kits of 2 legs to support the Smart fan coil on the floor and to protect the water pipings | 51 |

| Accessories | Price € |
|--|-----------|
| PAW-AAIR-RHCABLE Motor connection cable for units with hydraulic connections on the right | 23 |

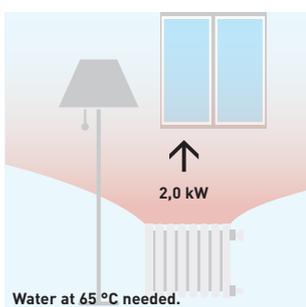
Stylish Floor-standing fan coils with advanced controller

The slimline of Smart fan coils delivers high efficiency climate control.

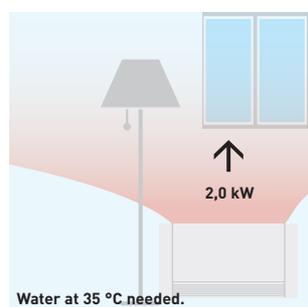
With a depth of just under 13cm they are at the cutting edge of the market. Blending easily into the home, Smart fan coil's elegant design and product refinements are clear to see in every detail.

Exceptional ventilation efficiency means the motor uses considerably less energy (low wattage). The fan speed is continuously modulated by the temperature controller with proportional integral logic, with undoubted advantages for regulating the temperature and humidity in summer mode.

With standard cast radiators.



With Smart fan coil.



Technical focus:

- High heating capacity
- 3 fan speeds and capacities
- Exclusive design
- Extremely compact (only 12,9cm deep)
- Cooling and dehumidification functions possible (drain is needed)
- 3-way valve included (no overflow valve needed on the installation if more than 3 units installed)
- Touch screen thermostat

All temperature curves and capacity are available on www.panasonicproclub.com

Fan coils



PAW-FC-903TC
Optional Controller.
Wired remote controller.



PAW-FC-RC1
Optional Controller.
Advanced wired remote controller.

| Compact units | | | | | | | | | | | High Static Pressure |
|---|---------------|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------------|
| Left side connection | | | PAW-FC-D11-1 | PAW-FC-D15-1 | PAW-FC-D24-1 | PAW-FC-D28-1 | PAW-FC-D40-1 | PAW-FC-D55-1 | PAW-FC-D65-1 | PAW-FC-D90-1 | PAW-FC-H150 |
| Right side connection | | | PAW-FC-D11-1-R | PAW-FC-D15-1-R | PAW-FC-D24-1-R | PAW-FC-D28-1-R | PAW-FC-D40-1-R | PAW-FC-D55-1-R | PAW-FC-D65-1-R | PAW-FC-D90-1-R | PAW-FC-H150-R |
| Total cooling capacity ¹⁾ | Med/S-Hi | kW | 1,0/1,5 | 1,2/1,7 | 2,0/2,5 | 2,4/3,2 | 3,2/4,6 | 4,6/5,8 | 6,1/7,3 | 6,1/8,1 | 11,9/14,8 |
| Sensible cooling capacity ¹⁾ | Med/S-Hi | kW | 0,8/1,1 | 0,9/1,3 | 1,5/1,9 | 1,8/2,3 | 2,2/3,3 | 3,3/4,5 | 4,3/5,1 | 4,6/6,3 | 9,6/12,9 |
| Heating capacity ¹⁾ | Med/S-Hi | kW | 1,4/2,0 | 1,5/2,2 | 2,4/3,1 | 2,9/4,0 | 4,1/5,7 | 5,3/7,1 | 7,9/9,3 | 8,1/11,6 | 14,9/19,9 |
| Power consumption | S-Lo/Med/S-Hi | W | 13/24/36 | 10/18/29 | 16/37/45 | 15/37/56 | 28/55/72 | 37/75/105 | 53/100/147 | 90/112/188 | 180/421/675 |
| Fuse rating | A | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 6 |
| Dimensions ²⁾ | H x W x D | mm | 220x570x430 | 220x570x430 | 220x753x430 | 220x938x430 | 220x1122x430 | 220x1307x430 | 220x1121x530 | 220x1316x530 | 376x1600x798 |
| Weight ³⁾ | kg | | 13 | 13 | 15 | 20 | 22 | 26 | 27 | 38 | 63 |
| Sound power global | S-Lo/Med/S-Hi | dB(A) | 33/40/49 | 31/43/50 | 30/45/52 | 30/44/51 | 34/46/56 | 38/51/58 | 43/56/61 | 50/55/64 | 52/64/71 |
| Sound pressure global | S-Lo/Med/S-Hi | dB(A) | 24/31/40 | 22/34/41 | 21/36/43 | 21/35/42 | 25/37/47 | 29/42/49 | 34/47/52 | 41/46/55 | 31/45/51 |
| Static pressure | Max | Pa | 30 | 30 | 50 | 50 | 70 | 70 | 70 | 70 | 110 |
| Air flow ¹⁾ | Med/S-Hi | m ³ /h | 190/283 | 179/265 | 274/390 | 357/499 | 486/716 | 640/933 | 893/1064 | 936/1397 | 2112/3176 |
| Water pressure drop | Med/S-Hi | kPa | 19,5/39,2 | 3,9/6,3 | 19,3/28,8 | 17,1/28 | 22,8/46,9 | 37,4/60,2 | 15,4/21,5 | 19,3/32,5 | 19,8/26,1 |
| Fan speeds | | | 3 speeds |
| Fan motor and number of speeds | | | AC 5 speeds |
| Drain pan and air filter | | | Included |
| Water connections | Inch | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 3/4 | 3/4 | 1 |
| Price | | € | 267 | 287 | 297 | 359 | 390 | 420 | 461 | 646 | 871 |

| Accessories | | Price € |
|---------------------------|---|-----------|
| PAW-FC-RC1 | Advanced wired remote controller for fan coil | 92 |
| PAW-FC-903TC | NEW Wired remote controller for fan coil | 81 |
| PAW-FC-2WY-11/55-1 | 2 way valve + drain pan (for PAW-FC-D11/15/24/28/40/55-1) | 66 |
| PAW-FC-2WY-65/90-1 | 2 way valve + drain pan (for PAW-FC-D65/90-1) | 76 |

| Accessories | | Price € |
|---------------------------|---|------------|
| PAW-FC-2WY-150 | 2 way valve (for PAW-FC-H150) | 154 |
| PAW-FC-3WY-11/55-1 | 3 way valve + drain pan (for PAW-FC-D11/15/24/28/40/55-1) | 96 |
| PAW-FC-3WY-65/90-1 | 3 way valve + drain pan (for PAW-FC-D65/90-1) | 111 |
| PAW-FC-3WY-150 | 3 way valve (for PAW-FC-H150) | 215 |

¹⁾ Air flow and capacity at 0 Pa of static pressure. ²⁾ Including pan and electrical box. ³⁾ Without water content. * Performances based on: Cooling: Air: 27 °C DB / 19 °C WB, Chilled water: 7 °C / 12 °C - Heating: Air: 20 °C DB, Hot water: 50 °C / 45 °C. ** Fan coil units are produced by Systemair.

Range of fan coil units

Easy to install, improved sound level and performance. The fan coil range consists of a compact ducted range ideal for residential and commercial use and one model with high static pressure for commercial applications. All units are certified by Eurovent, include drain pan and filter and are equipped with a low consumption fan motor. The D type is even more flexible thanks to an L-shaped drain pan. The unit can be installed either in a horizontal or in a vertical position.

1 Innovation for an optimum comfort

3 Efficient high-quality coil

2 Low energy consumption fan

4 Flexible installation: vertical or horizontal

Fan coil controller PAW-FC-RC1

This advanced controller provides a higher level of comfort in heating. The sensor can be used as a water flow sensor, stopping the fan when the water temperature is low, avoiding cold drafts in winter. Also is ready to use J Generation feature of defrost mode and stop the fan coil.

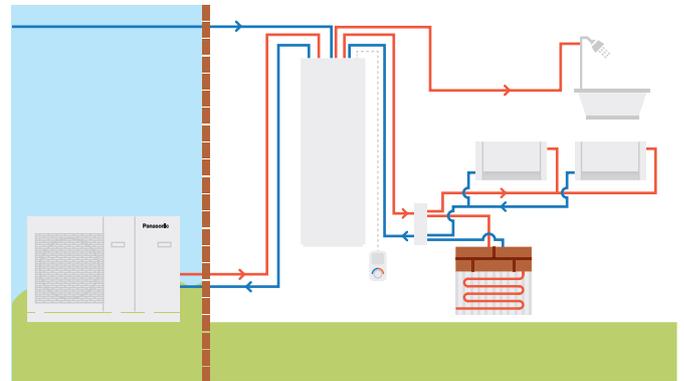
Features:

- Room thermostat
- 3 outputs, 230 V relays for fan control
- 2 outputs, 230 V relays for heating / cooling control
- Modbus RTU slave
- 1 DI for presence detection (key card switch)
- 1 AI for sensor

Sanitary Tanks

Combo Tank.

The best option to combine with Mono-bloc units. DHW tank with buffer tank. Designed for retrofit applications, the DHW tank with a buffer tank is particularly suitable for fast integration on an existing installation. This tank includes a 3-way valve and an "A" Class pump. Easy to install, nice looking, high efficiency for DHW production and for heating.



NEW Stainless steel

| Model | | PAW-TD23B6E5 | |
|---|----------------|------------------|-------------|
| Dimension H x W x D | mm | 1750 x 600 x 646 | |
| Weight (empty) | kg | 111 | |
| Volume | L | 230 + 60 | |
| Power supply | V, Phase, Hz | 230, 1, 50 | |
| | | Hot water tank | Buffer tank |
| Volume | L | 230 | 60 |
| Max working pressure | MPa (bar) | 1,0 (10) | 0,3 (3,0) |
| Pressure test | MPa (bar) | 1,5 (15) | 0,39 (3,9) |
| Max working temp | °C | 80 | 80 |
| Connections | mm | Ø22 | Ø22, copper |
| Material | | EN 14521 | EN 14521 |
| Insulation | Material, t=mm | PUR, 50 | PUR, 50 |
| Heating coil surface | m ² | 1,8 | — |
| Electrical heater | W | 2800 | — |
| Energy loss at 65 °C | kWh/24h | 1,25 | — |
| Energy efficiency class (from A+ to F) | | B | A |
| Standing loss | W | 52 | 29 |
| Price | € | 3505 | |

1) EU Regulation 812/2013. 2) Tested pursuant to EN 12897:2006. * Stainless Steel Combo Tank is produced by OSO.





Stainless Steel Tank.

| Model | | PAW-TD20C1E5-UK | PAW-TD30C1E5-UK |
|--|----------------|-----------------|-----------------|
| Water volume | L | 192 | 280 |
| Maximum water temperature | °C | 75 | 75 |
| Dimensions (Height / Diameter) | mm | 1270 / 595 | 1750 / 595 |
| Weight / filled with water | kg | 53 / — | 65 / — |
| Electric heater | kW | 1,50 | 1,50 |
| Power supply | V | 230 | 230 |
| Material inside tank | | Stainless steel | Stainless steel |
| Exchange surface | m ² | 1,8 | 1,8 |
| Energy loss at 65 °C ¹⁾ | kWh/24h | 0,99 | 1,13 |
| 3 way valve accessory PAW-3WYVLV-HW or CZ-NV1 | | Optional | Optional |
| 20 m temperature sensor cable included | | Yes | Yes |
| Energy losses | W | 42 | 46 |
| Energy Efficiency Class (from A+ to F) | | A | A |
| Warranty | | 2 Years | 2 Years |
| Maintenance required | | No | No |
| List Price (excludes PAW-G3KIT) | € | 1048 | 1315 |
| List Price PAW-G3KIT (must be ordered with this tank) | € | 129 | 129 |
| Total List Price (Tank + G3-KIT) | € | 1177 | 1444 |

1) Insulated tested under EN12897. ** Stainless Steel Tanks and Buffer Tank are produced by OSO.

NEW Buffer tank.

| Model | | PAW-BTANK50L-2 |
|---|----|-----------------|
| Capacity | L | 48 |
| Energy losses | W | 42 |
| Energy Efficiency Class (from A+ to F) | | B |
| Material | | Stainless Steel |
| Dimensions (Height / Diameter) | mm | 636 / 430 |
| Net weight | kg | — |
| Price | € | 258 |

* Automatic air vent and drain cock are included. Built-in pocket sensor (sensor not included).

Accessories for Sanitary tanks

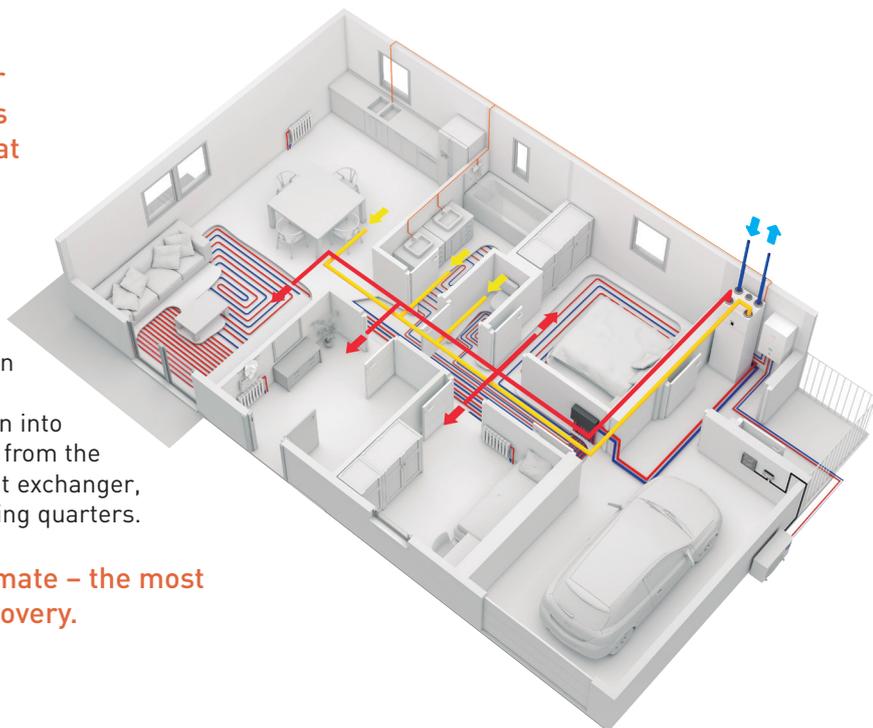
| | | Price € |
|----------------------|---|------------|
| PAW-3WYVLV-HW | 3 way valve for DHW Tanks | 173 |
| CZ-NV1 | 3 way valve kit for inside the hydrokit | 263 |

Heat Recovery Ventilation unit



Ventilation systems with heat recovery offer users a high degree of living comfort thanks to temperature controlled and clean air. Heat recovery units are ideal for use in houses, for these owners who are looking for high performance and maximum comfort.

With an optimum exchange program, the ventilation unit guides air extracted from the kitchen and bathroom to the outside. Fresh outdoor air is drawn into the unit via the pipe system. Here 84 % of the heat from the extract air is transferred to the supply air via a heat exchanger, which is then supplied back to the living and sleeping quarters.



A perfect exchange and a perfect indoor climate – the most important advantages of units with heat recovery.

- Thermal comfort
- Lower heating requirement
- Lower ventilation heat losses
- Preheating of the supply air
- Considerable energy saving potential

Main features:

- Heat recovery unit designed for ventilated areas up to approximately 140 m².
- High energy-efficiency rotary heat exchanger with EC - technology fans
- Moisture transfer function to minimize condensation in supply air during wintertime
- Control via touch display and Startup Wizard for easy commissioning
- Modbus communication via RS-485
- Option to control Aquarea H and J series heat pumps from PAW-A2W-VENTA control panel if both units are connected via Modbus interface (PAW-AW-MBS-H and PAW-VEN-ACCPCB required)

The built in humidity sensor in extract air can be used for demand control.

| Heat Recovery Ventilation unit | PAW-A2W-VENTA-R | PAW-A2W-VENTA-L |
|--|-------------------|------------------------------|
| Nominal air flow rate | m ³ /h | 204 @ 50 Pa |
| Maximum air flow rate | m ³ /h | 292 @ 100 Pa |
| SPF | | 1,24 @ 204 m ³ /h |
| Heat exchanger rotor drive type | | Variable speed |
| Exchanger type | | Rotating |
| Heat recovery efficiency | | 84 % |
| Power supply | V / Hz | 230 / 50 / 1 phase |
| Power consumption | W | 176 |
| Energy Class, basic unit | | A |
| Energy Class, unit with local control on demand | | A |
| Noise level | dB | 38 |
| Dimensions (W x H x D) | mm | 598 x 450 x 500 |
| Weight | kg | 46 |
| Mounting position | | Vertical |
| Supply side | | Right Left |
| Duct connections | mm | DN125 |
| Filter class, supply air | | F7/ePM1 60 % |
| Filter class, extract air | | M5/ePM10 50 % |
| Minimum outdoor temperature | °C | -20 |
| Price | € | 2106 |

* Heat recovery efficiency according to EN 13141-7. SAP Product Characteristics Database listing is pending

Control

- All settings and features accessible via a control panel, integrated into the front cover.
- Color touch screen with a user-friendly interface
 - The option for connecting one or more external control panels is available
 - Separate user level for authorised installers and service personnel
 - MANUAL and AUTO mode or choose preferred settings from the pre-configured user modes
 - If Aquarea H and J series heat pumps are connected with PAW-A2W-VENTA, the heat pump control options will appear on the home screen in a separate tab

The unit can be mounted on a PAW-TA20C1E5C, on a WH-ADC0309J3E5UK or installed on the wall (PAW-VEN-WBRK is needed).

| Accessories | | Price € |
|--------------------------|---|------------|
| PAW-VEN-FLTKIT | Supply and extract filters kit | 56 |
| PAW-VEN-ACCPCB | Optional PCB for additional functions | 45 |
| PAW-VEN-DPL | HRV touch control panel. White frame (cable must be ordered separately) | 149 |
| PAW-VEN-CBLEXT12 | Cable with plug for electrical connection between unit and control panel, type CE and CD (12 m) | 28 |
| PAW-VEN-DIVPLG | Twin plugs for installation of several control panels type CD or CE for one unit | 15 |
| PAW-VEN-DPLBOX | HRV touch control panel wall-mounted kit | 82 |
| PAW-VEN-S-C02RH-W | CO ₂ RH wall-mounted sensor | 298 |
| PAW-VEN-S-C02-W | CO ₂ wall-mounted sensor | 345 |
| PAW-VEN-S-C02-D | CO ₂ duct sensor | 255 |
| PAW-VEN-PTC12 | 1,2 kW PTC heater DN125 | 259 |
| PAW-VEN-PTC08 | 0,8 kW PTC heater DN125 | 247 |
| PAW-VEN-WBRK | Wall bracket kit for stand alone installation on the wall | 30 |

DHW Stand Alone



New DHW Stand Alone: highly efficient heat pump water heater.

The wide range of DHW Stand Alone heat pump is a great solution to adapt to any type of family house. The wall type is available in 100 and 150L capacities, and the Floor-standing in 200 and 270L. For reaching even more efficient use the 270L is available in additional coil, it is able to connect solar water production.

- A+ Highly efficient domestic hot water heat pump
- Provides reduced power consumption by 75 % compared with traditional electric water heater
- Easy to install
- Being CFC-free, this water heater is environmentally friendly

1 Energy saving

- Digital control panel with energy consumption monitoring
- Photovoltaic function
- Compatible with ducted fresh air intake installations
- Boiler/Solar Coil (only PAW-DHW270C1F)

2 Comfort

- Different modes of operation based on user needs
- Mode AUTO: Intelligent Temperature Set Point, thanks to monitoring hot water usage
- Mode BOOST, Mode ECO and Mode ABSENCE

3 Durability

- Diamond-quality enamel lining the inner tank
- Pressure relief valve which provides safety if any malfunctions or pressure rise
- Dielectric union preventing corrosion
- Specific lip gasket preventing rust around the flange

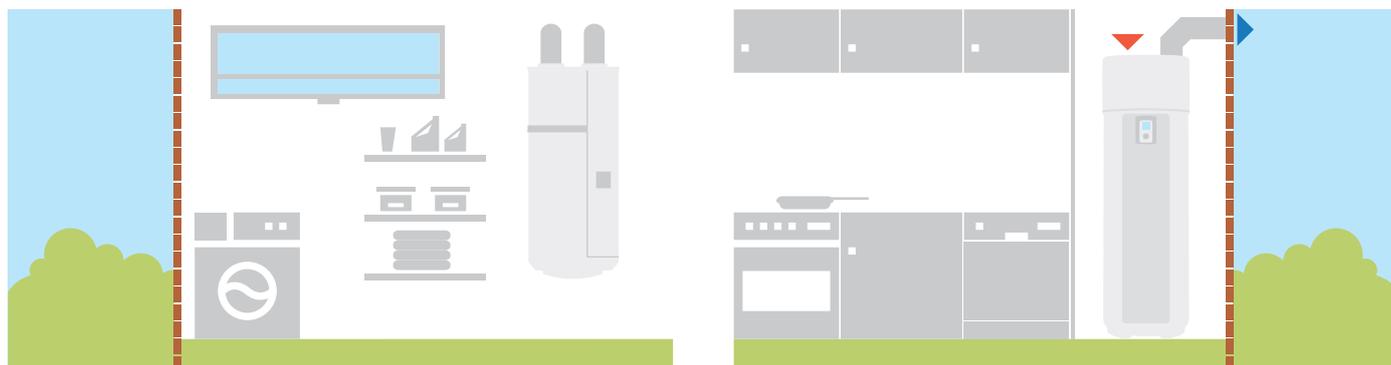


| Model Reference | | Wall-mounted | | | Floor-standing | |
|--|----------------------|-----------------------------------|------------------|--|------------------|------------------|
| | | PAW-DHW100W-1 | PAW-DHW150W-1 | PAW-DHW200F | PAW-DHW270F | PAW-DHW270C1F |
| Nominal capacity | L | 100 | 150 | 200 | 270 | 263 |
| Dimensions (H x W x D) | mm | 1209 x 522 x 538 | 1527 x 522 x 538 | 1617 x 620 x 665 | 1957 x 620 x 665 | 1957 x 620 x 665 |
| Empty weight | kg | 57 | 66 | 80 | 92 | 111 |
| Hot and cold connection | | ¾" M | ¾" M | ¾" M | ¾" M | ¾" M |
| Anticorrosion system | Anode | Magnesium | Magnesium | Magnesium | Magnesium | Magnesium |
| Rated water pressure | Mpa (bar) | 0,8 (8) | 0,8 (8) | 0,8 (8) | 0,8 (8) | 0,8 (8) |
| Electrical connection | V / Hz | 230/50 | 230/50 | 230/50 | 230/50 | 230/50 |
| Total maximum power | W | 1550 | 1950 | 2300 | 2300 | 2300 |
| Maximal power heat pump | W | 350 | 350 | 700 | 700 | 700 |
| Power electric heating element | W | 1200 | 1600 | 1600 | 1600 | 1600 |
| Heat pump water temperature range | °C | 50 – 62 | 50 – 62 | 50 – 62 | 50 – 62 | 50 – 62 |
| Heat pump air temperature range | °C | -5 – +43 | -5 – +43 | -5 – +43 | -5 – +43 | -5 – +43 |
| Duct diameter | mm | 125 | 125 | 160 | 160 | 160 |
| Air flow (without duct) | m³/h | 160 | 160 | 310/390 | 310/390 | 310/390 |
| Load losses acceptable on ventilation circuit, without affecting performance | Pa | 70 | 70 | 25 | 25 | 25 |
| Sound power level ¹⁾ | dB(A) | 45 | 45 | 53 | 53 | 53 |
| R134a refrigerant capacity | kg | 0,52 | 0,58 | 0,80 | 0,86 | 0,86 |
| Refrigerant volume in tons of CO ₂ equivalent | TCO ₂ Eq. | 0,74 | 0,83 | 0,50 | 0,54 | 0,54 |
| Refrigerant weight per liter | kg/L | 0,0052 | 0,0039 | 0,0040 | 0,0032 | 0,0032 |
| Hot water quantity at 40 °C: V40td | L | 151,0 | 182,0 | 265,5 | 361,2 | 357,9 |
| Acoustic power ErP ²⁾ | dB(A) | 45 | 45 | 53 | 53 | 53 |
| Energy Efficiency Class (from A+ to F) | | A+ | A+ | A+ | A+ | A+ |
| Connectable to PV | | Yes | Yes | Yes | Yes | Yes |
| Additional coil exchanger connection | | — | — | — | — | 1" M |
| Additional coil surface | m ² | — | — | — | — | 1,2 |
| Performance at 7 °C air temperature | | [EN 16147] ducted at 25 Pa | | [CDC LCIE 103-15/C] ducted at 30 Pa ³⁾ | | |
| Coefficient of performance (COP) according load profile | | 2,47 - M | 3,05 - L | 2,79 - L | 3,16 - XL | 3,05 - XL |
| Standby power input [P _{ss}] | W | 18 | 24 | 32 | 29 | 33 |
| Heating up time (t _h) | h. Min | 6h47 | 10h25 | 07h11 | 10h39 | 11h04 |
| Reference hot water temperature [T _{ref}] | °C | 52,7 | 53,2 | 52,7 | 53,1 | 52,9 |
| Flow rate [air] | m³/h | 140 | 110 | 320 | 320 | 320 |
| Performance at 15 °C air temperature (EN 16147) | | [EN 16147] ducted at 25 Pa | | [CDC LCIE 103-15/C] ducted at 30 Pa ³⁾ | | |
| Coefficient of performance (COP) according load profile | | 2,88 - M | 3,28 - L | 3,05 - L | 3,61 - XL | 3,44 - XL |
| Standby power input [P _{ss}] | W | 19 | 25 | 30 | 30 | 33 |
| Heating up time (t _h) | h. Min | 6h07 | 9h29 | 6h24 | 8h34 | 8h40 |
| Reference hot water temperature [T _{ref}] | °C | 52,6 | 53,4 | 52,8 | 53,0 | 53,1 |
| Flow rate [air] | m³/h | 140 | 110 | 320 | 320 | 320 |
| Price | € | 1312 | 1374 | 1870 | 1950 | 2150 |

1) According to ISO3744. 2) Compliant with EN 16147 conditions. 3) Performance measured for a water heater from 10 °C to T_{ref} according to the protocol of the NF Electricity Performance Mark specifications No.LCIE 103-15C, selfheating thermodynamic water heaters (based on standard EN 16147). * DHW Stand Alone is produced by S.A.T.E.

Ideal for small surfaces

Suitable for all installations (adapted to small surfaces, low ceiling, corner).



Accessories and Control

Optional PCB's for additional functions



CZ-NS4P 159 €
PCB for advanced functions in J and H Generation.

Device accessories

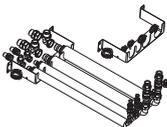


CZ-NE1P 145 €
Base pan heater (for all old Bi-bloc and Mono-bloc, not for the 3 and 5 kW).

CZ-NE2P 145 €
Base pan heater (for Bi-bloc 3 and 5 kW).

CZ-NE3P 191 €
Base pan heater for J and H Generation.

All in One accessories



PAW-ADC-PREKIT-1 495 €
Flexible pipings and wall mounting plate for All in One H Generation.

PAW-ADC-PREKIT-1 495 €
Flexible pipings and wall mounting plate for All in One J Generation (not compatible with WH-ADC0309J3E5UK).



PAW-ADC-CV150 149 €
Decorative magnetic side cover.

Smart fan coil accessories

PAW-AAIR-LEGS-1 51 €
Kits of 2 legs to support the Smart fan coil on the floor and to protect the water pipings.

PAW-AAIR-RHCABLE 23 €
Motor connection cable for units with hydraulic connections on the right.

DHW Stand Alone accessories



PAW-DHW-STAND 65 €
Rack for suspended device for 100 and 150 liters models.

Sanitary Tank accessories



PAW-TS1 33 €
Tank sensor with 6 m cable length.

PAW-TS2 39 €
Tank sensor with 20 m cable length.

PAW-TS4 39 €
Tank sensor with 6 m cable length and only 6 mm diameter.



CZ-TK1 64 €
Temperature sensor kit for third party tank (with copper pocket and 6 m length sensor cable).

Special outdoor supports



PAW-WTRAY 149 €
Tray for condenser water compatible with outdoor elevation platform.



PAW-GRDSTD40 149 €
Outdoor elevation platform 400x900x400 mm.



PAW-GRDBSE20 149 €
Outdoor base ground support for noise and vibration absorption (600x95x130 mm, 500kg).

Hydraulic accessories



CZ-NV1 263 €
3 way valve kit for inside the hydrokit.

PAW-G3KIT 129 €
G3 complaint kit consisting of 18l expansion vessel, tundish, multibloc valve.



PAW-3WYVLV-HW 173 €
3 way valve for DHW Tanks.

PAW-A2W-AFVLV 95 €
Anti-freeze valve.

Heat Recovery Ventilation accessories

PAW-VEN-FLTKIT 56 €
Supply and extract filters kit.

PAW-VEN-ACPCB 45 €
Optional PCB for additional functions.



PAW-VEN-DPL 149 €
HRV touch control panel. White frame (cable must be ordered separately).



PAW-VEN-CBLEXT12 28 €
Cable with plug for electrical connection between unit and control panel, type CE and CD (12 m).



PAW-VEN-DIVPLG 15 €
Twin plugs for installation of several control panels type CD or CE for one unit.



PAW-VEN-DPLBOX 82 €
HRV touch control panel wall-mounted kit.



PAW-VEN-S-CO2RH-W 298 €
CO₂ RH wall-mounted sensor.

PAW-VEN-S-CO2-W 345 €
CO₂ wall-mounted sensor.



PAW-VEN-S-CO2-D 255 €
CO₂ duct sensor.

PAW-VEN-PTC12 259 €
1,2 kW PTC heater DN125.

PAW-VEN-PTC08 247 €
0,8 kW PTC heater DN125.

PAW-VEN-WBRK 30 €

Wall bracket kit for stand alone installation on the wall.

Aquarea Manager accessories

Not compatible with J and H Generation units.

**PAW-HPM1** 385 €

Aquarea Manager with LCD.

**PAW-HPM2** 354 €

Aquarea Manager without LCD.

PAW-HPMINT-U 124 €

Interface to connect Aquarea Manager to Heat pump Aquarea Bi-bloc (HPM can control all parameters from HP).

PAW-HPMINT-M 124 €

Interface to connect Aquarea Manager to Heat pump Aquarea Mono-bloc (HPM can control all parameters from HP).

PAW-HPMINT-F 124 €

Interface to connect Aquarea Manager to Heat pump Aquarea Mono-bloc and Bi-bloc F type (HPM can control all parameters from HP).

PAW-HPMB1 96 €

Buffer tank sensor.

**PAW-HPMDHW** 128 €

Buffer tank sensor with well.

PAW-HPMSOL1 103 €

Buffer tank sensor solar (with higher temperature range).

**PAW-HPMAH1** 96 €

Water flow pipe sensor for heating circuit.

PAW-HPMR4 96 €

Room sensor + set point adaptation.

**PAW-HPMED** 482 €

Touch screen.

PAW-DEWPOINTSENSOR 105 €

Dew point sensor.

**PAW-HPMUH** 96 €

Outdoor temperature sensor.

Cascade Controller**PAW-A2W-CMH** 1199 €

NEW Modbus IP for BMS communication.

Room Thermostats**PAW-A2W-RTWIRED** 126 €

Wired LCD room thermostat with weekly timer.

**PAW-A2W-RTWIRELESS** 191 €

Wireless LCD room thermostat with weekly timer.

Fan coil Controller**PAW-FC-903TC** 81 €

NEW Wired remote controller for fan coil.

**PAW-FC-RC1** 92 €

Advanced wired remote controller for fan coil.

Connectivity Solutions**CZ-TAW1** 185 €

Aquarea Smart Cloud for remote control and maintenance through wireless or wired LAN.

CZ-TAW1-CBL 47 €

10 m extension cable for CZ-TAW1.

PAW-AW-KNX-H 648 €

KNX Interface for J and H Generation.

**PAW-AW-KNX-1i** 648 €

KNX Interface compatible with G and F Generation.

PAW-AW-MBS-H 648 €

Modbus Interface for J and H Generation.

**PAW-AW-MBS-1** 648 €

Modbus Interface compatible with G and F Generation.

H Generation Sensors**PAW-A2W-TS0D** 42 €

Outdoor ambient sensor.

**PAW-A2W-TSRT** 42 €

Zone room sensor.

**PAW-A2W-TSHC** 42 €

Zone water sensor.

**PAW-A2W-TSSO** 42 €

Solar sensor.

**PAW-A2W-TSBU** 42 €

Buffer tank sensor.

Energy saving



ErP 55°C

Better efficiency and Value for medium temperature applications. Energy efficiency class up to A++ in a scale from A+++ to D.



ErP 35°C

Better efficiency and Value for low temperature applications. Energy efficiency class up to A+++ in a scale from A+++ to D.



DHW

Better efficiency and Value for domestic hotwater. Energy efficiency class up to A+ in a scale from A+ to F.



AUTO SPEED

Aquarea are built-in with A class energy efficiency water pump. High efficiency circulating the water in the heating installation.



Our heat pumps containing the new refrigerant R32 show a drastic reduction in the value of Global Warming Potential (GWP). An important step to reduce greenhouse gases. R32 is also a component refrigerant, making it easy to recycle.



Inverter Plus System classification, highlights the highest performing Panasonic systems.



The Inverter range provides greater efficiency and comfort. Provides more precise temperature control, without highs and lows, and keeps the ambient temperature constant with lower energy consumption and a significant reduction in noise and vibration levels.



HEATING MODE

The air conditioner works in heat pump mode with an outdoor temperature is as low as -15 °C.

High connectivity



Our Aquarea Heat Pumps can be connected to an existing or new boiler for optimum comfort even at very low outdoor temperatures.



For even greater efficiency, our Aquarea Heat Pumps can be connected to photovoltaic solar panels with an optional kit.



New remote controller with full dotted 3,5" wide back light screen. Menu with 17 available languages easy to use for installer and user. Included on J and H Generation.



Internet control. A next generation system providing user-friendly remote control of air conditioning or heat pump units from everywhere, using a simple Android™ or iOS smartphone, tablet or PC via the internet.



The communication port can be integrated into the indoor unit and provides easy connection to, and control of, your Panasonic heat pump to your home or building management system.



The AC Smart Cloud from Panasonic allows you to have complete control of all your installations. In a simple click, receive status updates from all your units in real-time, preventing breakdowns and optimising costs.

High performance and healthy air



Aquarea High Performance for low consumption houses. From 3 to 16 kW. For a house with low temperature radiators or under-floor heating, our high performance Aquarea HP is a good solution. *COP of 5,33 for J Generation 3 kW.



Aquarea T-CAP for extremely low temperatures. From 9 to 16 kW. If the most important aspect is to maintain nominal heating capacities even at temperatures as low as -7 °C or -15 °C, select the Aquarea T-CAP.



Aquarea HT ideal for retrofit. From 9 to 12 kW. For a house with traditional high-temperature radiators, the Aquarea HT solution is the most appropriate, can work in output water temperatures of 65 °C even at outdoor temperatures as low as -20 °C.



With Aquarea you can also heat your domestic hot water at a very low cost with the optional hot water cylinder.



Water filter with magnet. Easy access & fast clip technology for J Generation. Water filter only for H Generation.



Water Flow Sensor. Included on J and H Generation.



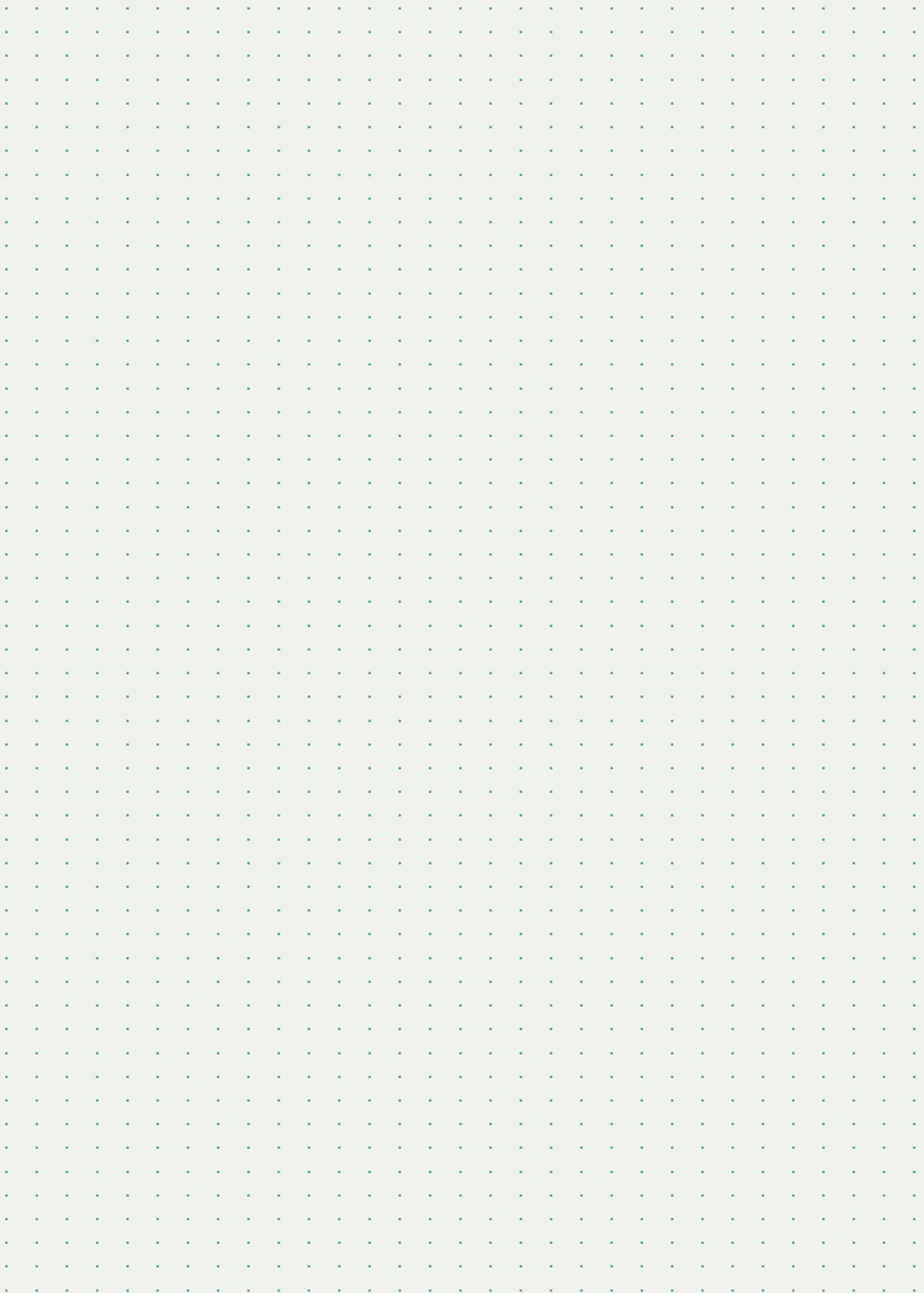
Fine control helps prevent a rapid decrease in room humidity while maintaining the set temperature. Maintains an RH* up to 10 % higher than cooling operation (*RH: Relative Humidity). Ideal when sleeping with the air conditioner on.



COOLING MODE

The air conditioner works in cooling only mode with an outdoor temperature of -10 °C.

Notes

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Notes

A large grid of small dots for taking notes, arranged in approximately 30 columns and 40 rows.

Notes

A large grid of small dots for taking notes, consisting of 20 columns and 30 rows of dots.





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heating & cooling solutions

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+353 (0)1 4195313
+353 (0) 876005031

Heating & Cooling Solutions

Panasonic Ireland. A branch of Panasonic Marketing Europe GmbH
Unit 1, The Courtyard, Kilcarbery Business Park
Nangor Road, Dublin 22



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.

