

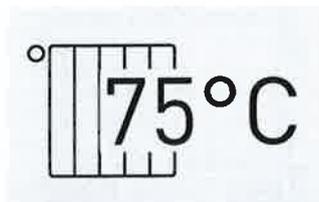
Panasonic introduces Aquarea M, the 2nd Series of air to water heat pumps with R290

Aquarea air to water heat pumps with R290 refrigerant range is a groundbreaking low energy system for heating, cooling and domestic hot water production that delivers outstanding performance, aligning with our vision of a carbon-free society and our GREEN IMPACT plan.



Global Warming Potential

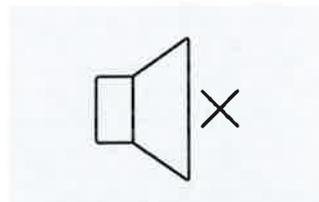
With sustainability at the forefront of its innovations, Panasonic's newest series are engineered with industry leading natural refrigerant R290, which has a low Global Warming Potential (GWP) of just 3, helping reduce CO₂ emissions and environmental impact.



Output water.

Up to 75 °C water outlet down to -15 °C* outdoor.

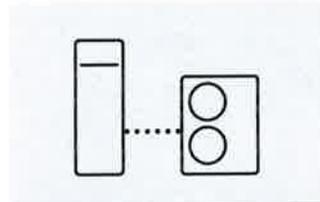
* -10 °C for L Series.



Quiet operation.

Only 27 dB(A) sound pressure at 5m*.

* Sound pressure calculation for WH-WDG05LE5, free standing, A +7 °C, W 35 °C in Quite mode 3.



Flexible hydraulic installation.

Hydraulic connection between indoor and outdoor.



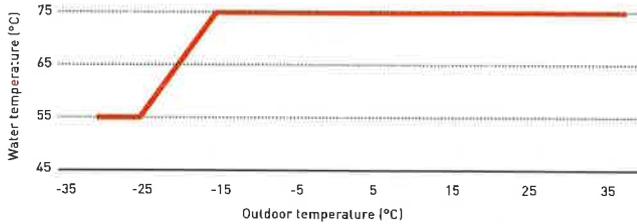
Made and designed by Panasonic.

Reliable outdoor units with Panasonic compressor.

Output water. High performance under extreme conditions

Excellent solution for heating system retrofit.

The compressor operates without backup heating down to -28 °C ambient temperatures, and can be integrated alongside existing radiators with a high-water flow temperature of up to 75 °C at -15 °C outside temperature. Even at -28 °C outside temperature, it can supply hot water at 55 °C.



* For M Series, In case of L Series operation down to -25 °C and 75 °C water outlet down to -10 °C ambient.

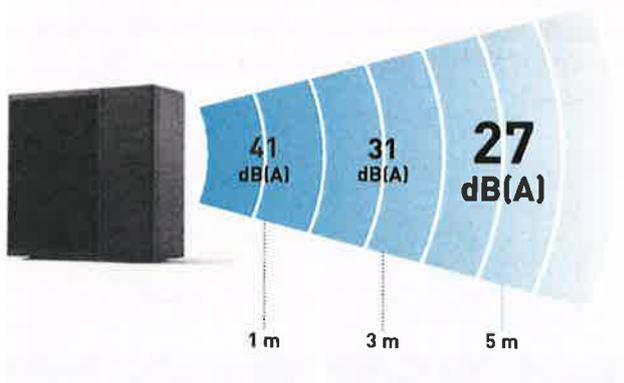
Sterilisation process without heater.

It can also reach a domestic hot water temperature of up to 65 °C without the use of the electric heater, so the tank sterilization can be performed with the heat pump operation.



Quiet operation. Panasonic's unique low noise architecture

The compressor, which is a major source of noise, is equipped with a double-bottomed structure to provide a safe, quiet structure that does not disturb neighbours in crowded residential areas.



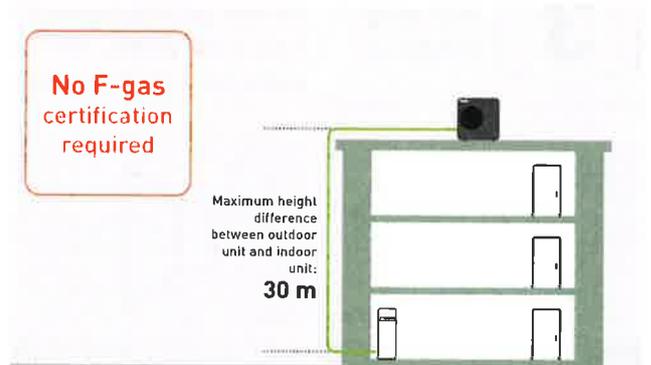
* Sound pressure calculation for WH-WDG05LE5, free standing, A +7 °C, W 35 °C in Quiet mode 3.

Flexible hydraulic installation

The installation of the system is 100% hydraulic, with only water pipes between the outdoor unit and the interior of the home.

More living space at home.

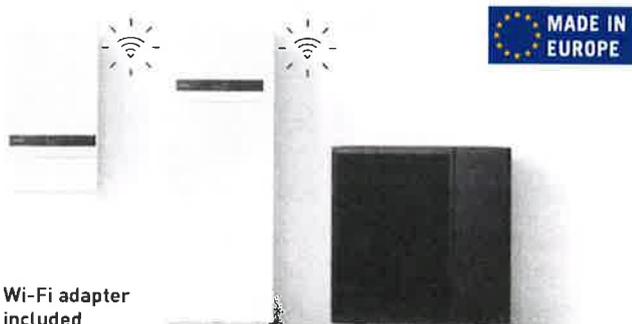
No indoor safety measures needed for refrigerant or fuel gas piping.



* For L Series only when the outdoor unit is installed above the indoor unit, and the water pressure does not exceed 1 bar at the outdoor unit.

Made and designed by Panasonic.

Aquarea High Performance L Series from 5 to 9 kW.



Wi-Fi adapter included

Aquarea T-CAP M Series from 9 to 30 kW.



Wi-Fi adapter included

* Check availability of units and combinations.

Aquarea M Series, the modular heat pump concept of Panasonic

Introducing M Series T-CAP, the latest generation of Aquarea air to water heat pumps with R290.



Output water.

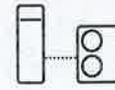
Up to 75 °C water outlet
down to -15 °C outdoor.



Quiet operation.

Only 29 dB(A) sound
pressure at 5 m*.

* Sound pressure calculation for
WH-WXG12ME5, free standing, A +7 °C,
W 35 °C in Quite mode 3.



Flexible hydraulic installation.

Hydraulic connection
between indoor and
outdoor.



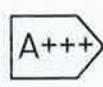
Made and designed by Panasonic.

Reliable outdoor units
with Panasonic
compressor.



Panasonic Comfort Cloud App and Aquarea Service Cloud included.

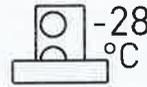
Smart control and
maintenance.



High efficiency.

ErP 35 °C.
Energy efficiency class up
to A+++*.

* Scale from A+++ to D.



Extreme conditions.

Compressor operating
down to -28 °C outdoor
temperatures.



T-CAP.

Keeping heating capacity
down to -20 °C.

Flexible installation, suitable for retrofit and new buildings.

Thanks to its new, modular concept, the outdoor unit can function independently with just an indoor remote control, for those seeking basic functionalities. Homeowners can opt for enhanced functionality by incorporating the more advanced control module or selecting between a Bi-bloc or All in One indoor units.

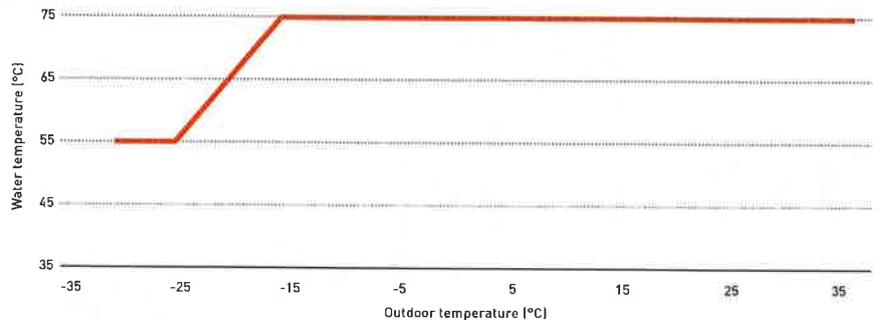


	Remote controller	Control module	Bi-bloc	All in One
CN-CNT	✓ [1]	✓ [2]	✓ [2]	✓ [2]
Backup heater	—	Field supply	✓	✓
Expansion vessel (10 L)	—	—	✓	✓
Additional functions	—	CZ-NS7P	CZ-NS6P	CZ-NS6P

Output water. High performance under extreme conditions

Excellent solution for heating system retrofit.

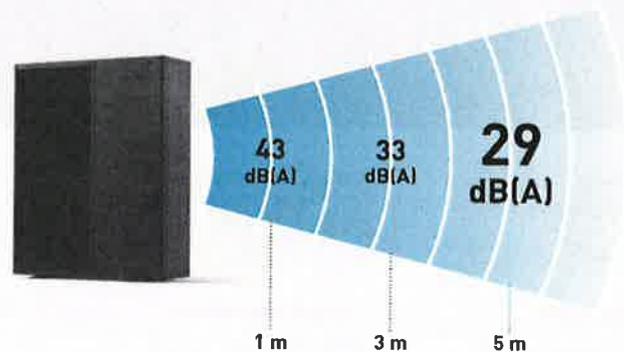
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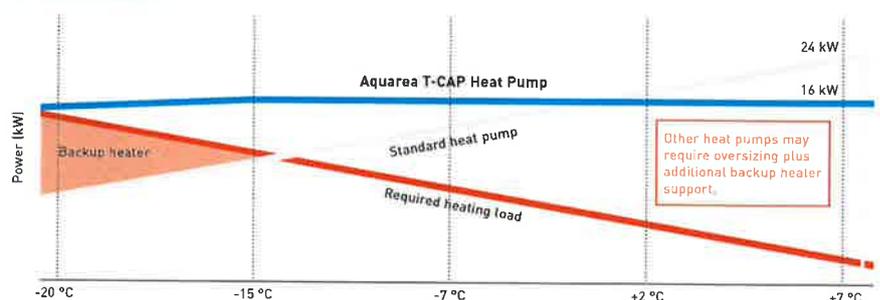
* Sound pressure calculation for WH-WXG12ME8, free standing, A +7 °C, W 35 °C in Quiet mode 3.



Aquarea T-CAP, high performance whatever the climate

With Aquarea T-CAP technology and the new compressor with Injection technology, Panasonic heat pumps can work in outdoor temperatures as low as -28 °C and maintain capacity without backup heating at -20 °C*.

1) 35 °C flow temperature.



Other heat pumps may require oversizing plus additional backup heater support.

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