

NEW



New Aquarea Tank with Buffer Tank

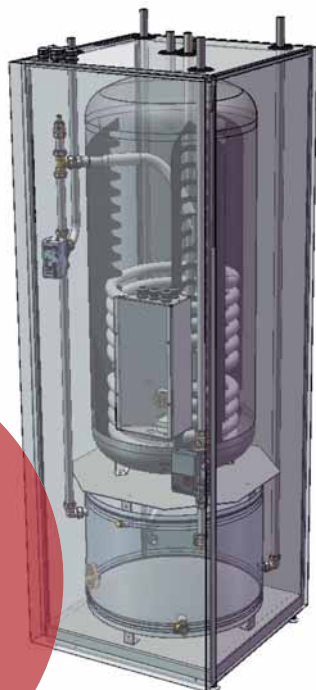
Panasonic introduce a new domestic hot water tank with buffer tank which ideally covers the new and existing installations. The full line up of Aquarea Heat pumps, from 3kW up to 16kW, can be combined and offer an extremely efficient solution.

AQUAREA
TANK

Panasonic



IDEAL FOR
RETROFIT



Aquarea Tank: Extremely Energy Efficient Solution

The choice of hot water tank for air source heat pumps is extremely important, and this new tank is specially designed to run with the Aquarea air source heat pump range to deliver reliable and super-efficient hot water. The tank's integral 80-litre buffer tank ensures sufficient heat when the tank is supplying DHW, maintaining the comfort within the property.

Intelligently designed to take up the minimum of space, the new Aquarea Tank is ideal for retrofit applications. With connections on the top of the tank, easy opening front panel and with the 3-way valve and A class pump already fitted, installation and maintenance can be quick and simple. The tank features large heat surfaces to ensure fast and efficient water heating.

The Aquarea tank's A Class pump has a high water flow rate to ideally suit all property types and configurations (eg, radiators, underfloor heating, mixed systems). The 185-litre stainless steel DHW cylinder ensures that the tank is durable and will last a lifetime. Polyurethane has been used to provide high levels of insulation. This allows the tank to be installed in all parts of the property, including the garage, without affecting the efficiency of the system.

- 185l Stainless steel tank for DHW • Buffer tank of 80l • Compact chassis: 0.600x0.632 m • High Heat surface for high efficiency: 2.3m² • High insulation of the tank with 50cm Polyurethane thickness • 3kW backup heater for the DHW tank • Easy access opening for the buffer tank's back-up heater (Heater not included) • A Class Pump on the secondary heating circuit • Only 1.81m high • Connections on the top of the tank • 3 way Honeywell valve

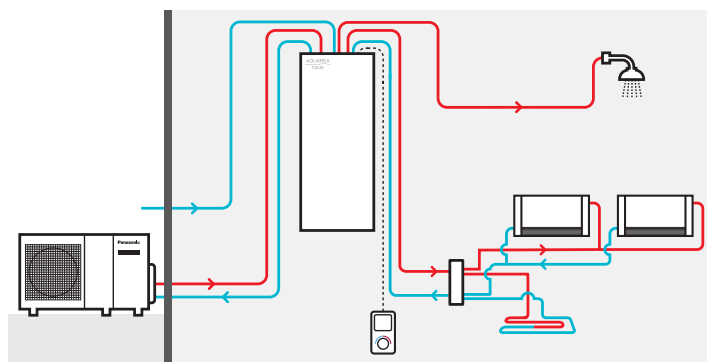
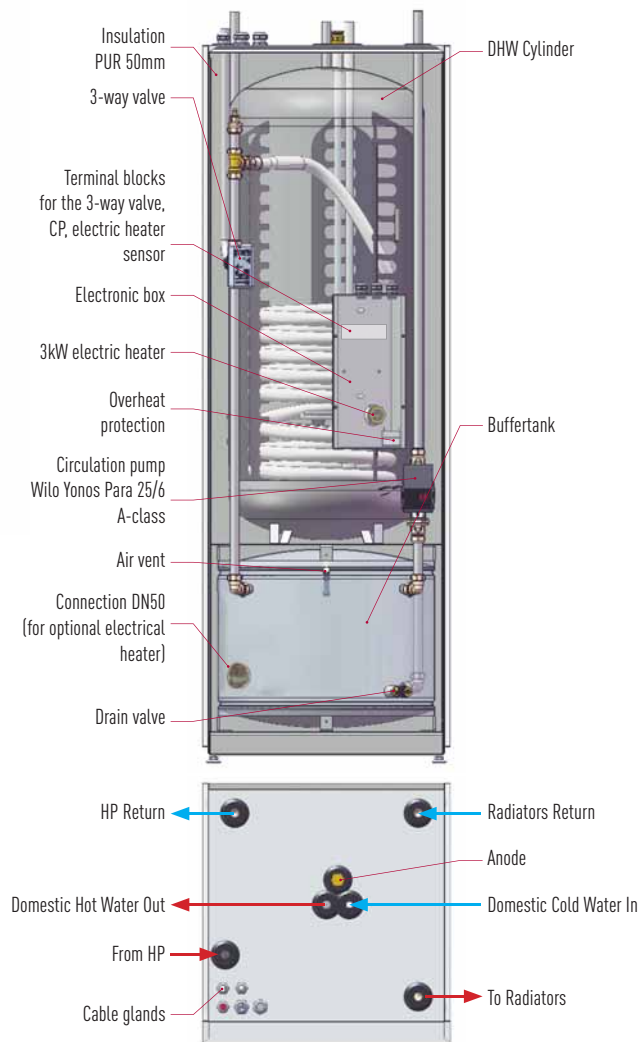
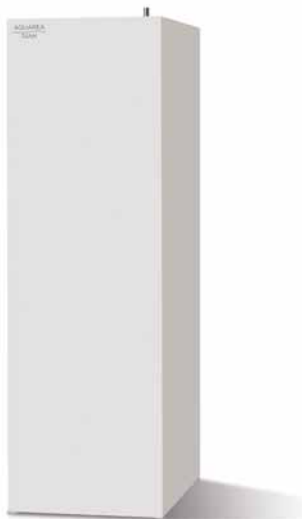


The full line up of Aquarea Heat pumps, from 3kW up to 16kW, can be combined and offer an extremely efficient solution.

Aquarea Tank advantages

Easy to install:

- Connections on the top of the tank
- Easy connection with Bi-block and Mono-Block Panasonic Aquarea Heat pumps
- Fast installations as the 3 way valve and the A class pump are already mounted on the tank
- Powerful Wilo 25/6 A class pump
- Stainless steel tank for long durability
- Squared chassis for easy integration into most residential properties.



Easy to install

Tanks and buffer tank in one!		PAW-TD20B8E3-NDS
Water volume for the DHW	L	185 (for DHW tank) / 80 (for buffer tank)
Maximum water temperature	°C	100
Dimension	H x W x D	mm 1,810 x 600 x 632
Weight	kg	150
Electric heater	kW	3
Power supply	V	230 - 2p
Material inside tank		Stainless steel. EN 1.4162
Exchange surface	m ²	2.3
Energy loss at 65°C ¹⁾	kWh/24h	1.3
A class pump	Number of speed	Stepless (800-4250 rpm)
	Pressure drop (Min / Max)	5 / 62
	Input power (Min / Max)	3 / 45
3 Way valve included		Yes
Safety thermostat with contact for failure part of E-Heating		Yes
Location of the electrical heater		Mid
Warranty of the tank		5 years
Warranty of electrical parts		2 years

1) Insulated tested under EN12897 DHW-cyl.

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Panasonic Marketing Europe GmbH
Panasonic Air Conditioning: Hagenauer Strasse 43, 65203 Wiesbaden, Germany

heatingandcoolingsystems



Климаркет Ефендулов ЕООД
ул. Славянска 11
9002 Варна
0700 20 720
www.climamarket.bg
office-var@climamarket.bg