

## SANITARY TANKS



### Aquarea UK Cylinders

Aquarea UK cylinders are designed to maximise the efficiency of our Aquarea heat pump range. Supplied in varying sizes and complete with both heat pump and solar coils, they are extremely versatile and will ensure they fit within almost any installation.

Heat pump systems typically supply hot water at approximately 50°C. This is hotter than is required for bathing and showering (39 ~ 44°C), but much lower than for a conventional boiler (70°C), providing even greater efficiency and ultimately greater cost savings.

		Slimline HP Tank		Standard Heat Pump Tank		Standard Heat Pump Tank (Twin Coil)	
Model		PAW-TE18C2E3HI-UK	PAW-TE18E3STD-UK	PAW-TE30E3STD-UK	PAW-TE18C2E3STD-UK *	PAW-TE30C2E3STD-UK *	PAW-TE40C2E3STD-UK *
Water volume	L	180		300	180	300	400
Maximum water temperature	°C			95			
Dimensions	Height	1,790	1,305	1,990	1,305	1,990	2,030
	Diameter	475		550			630
Weight	kg	33		49	33	49	61
Electric heater	kW			3			
Power supply	V			230			
Material inside tank				Stainless steel			
Exchange surface	m²	3.01	2.50	3.00	1.36	2.04	2.91
Secondary Coil Exchange surface	m²	—	—	—	0.68	0.97	1.27
Energy loss	W	51	54	85	54	85	118
3 Way valve included				Yes			
20 m temperature sensor cable included				Yes			
Heat up time	Valuation	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★
Energy losses	Valuation	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★
Efficiency of the tank	Valuation	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★
Energy Efficiency Class		◀B		◀C	◀B	◀C	◀D
Warranty				25 years			
Maintenance required				Yearly			

1) Insulated tested under EN12897.  
Sold complete with G3 compliant kit.  
\* 4 weeks lead time.

### Aquarea Tank

Aquarea Tank. Tanks and buffer tank in one!		PAW-TD20B8E3-NDS	
Water volume	L	185 (for DHW tank) / 80 (for buffer tank)	
Maximum water temperature	°C	100	
Dimension	H x W x D	mm	
Weight	kg	1,810 x 600 x 632	
Electric heater	kW	150	
Power supply	V	3	
Material inside tank		230 - 2p	
Exchange surface	m²	Stainless steel	
Energy loss at 65 °C¹	kWh/24h	2.3	
A class pump	Number of speed	1.3	
	Pressure drop (Min / Max)	Stepless (800-4250 rpm)	
	Input power (Min / Max)	5 / 6	
3 Way valve included		3 / 45	
Safety thermostat with contact for failure part of E-Heating		Yes	
Location of the electrical heater		Yes	
Electrical backup heater on the buffer tank		Mid	
Price	€	Optional	
		2,100.00	

\*Only for Ireland

### AQUAREA TANK

