

We supply various sizes of thermal stores, from 300 to 5000 litres. The tanks are constructed of 3mm steel, and insulated with 100mm of polyurethane foam to give extremely low heat losses. The outer casing is 0.5mm white coated galvanised steel.



Round tanks are the most economical. In addition we supply oval and retrofit tanks for smaller spaces.

The tanks are supplied with one or two heat exchangers located under the coloured covers. Generally the lower heat exchanger is connected to the solar collectors, and the upper heat exchanger is used to instantaneously heat the hot water.



The main body of water may be heated directly by a boiler, and can directly feed radiator and underfloor circuits. A header tank is usually used to maintain the water level/pressure, and take up expansion. The stores are rated to 1.5 bar, optionally 3.0 bar, and the heat exchangers to 10 bar. The connections shown in the pictures are female sized 3/4", 1", 1 1/4" and 2", and feed directly into the tank body.

As an option the round stores can be supplied with detachable insulation, reducing their size by around 200mm and enabling them to go through smaller doorways.

Immersion heaters are available in 3.0, 4.5, 6.0 kW sizes and larger.

Specifications

	Litres	Diameter	Height	Weight empty, 1.5 bar, kg	Weight full, 1.5 bar, kg
ROUND	300	710	2050	130	430
	500	800	2050	155	655
	750	950	2050	200	950
	1000	1050	2100	230	1230
	1500	1250	2150	280	1780
	2000	1400	2200	330	2330
	2500	1500	2250	360	2860
	3000	1600	2300	400	3400
	4000	1800	2350	480	4480
	5000	2000	2500	600	5600
RETROFIT	500	810	1550	130	630
	700	810	2050	160	860
OVAL		Depth/Width			
	1400	810/1630	1660	420	1820
	2000	810/2060	1840	500	2500
	2400	810/2060	2160	560	2960