TECHNICAL PRODUCT SUBMITTAL

ProStor PS 500 Thermal
Heating Water Storage Vessel

Product Description



ProStor PS Thermal: Heating / Chilled Water Storage Vessel

The ProStor PS range is suitable for Heating and Chilled water applications and can be used for installations with Air Source Heat Pumps. Each vessel is supplied fully insulated and with a variety of heat carriers, service connections and sensor pockets to give flexibility to the design engineer and installer. ProStor PS vessels are fitted with baffle plates to help promote stratification, linear or conical sparge pipes. The vessels can be shipped with or without insulation as requested.

PS Range: Features

- High Quality Steel Construction
- Capacities 50 - 10,000 litres
- Stratification Baffles / Sparge pipes
- Low Standing Losses
- 3 Year Warranty
- ASHP Ready Logo
- Suitable for use with heating water applications

3 YEAR WARRANTY

ASHP READY

Technical Specification

Capacity	485 litres
Orientation	Vertical
Construction Materials	High Quality S235JR Carbon Steel
Insulation Material & Thickness	100mm Flexible Insulation with PVC Outer Jacket
Standing Energy Losses*	109.8 w/hr
	2.64 kwh/24hrs
Total Height with Insulation	1785mm
Total Diameter with Insulation	850mm
Total Diameter without Insulation	650mm
Weight Empty	88 kg
Maximum working pressure - Vessel	6 bar
Test Pressure	9 bar
Maximum working temperature	95°C

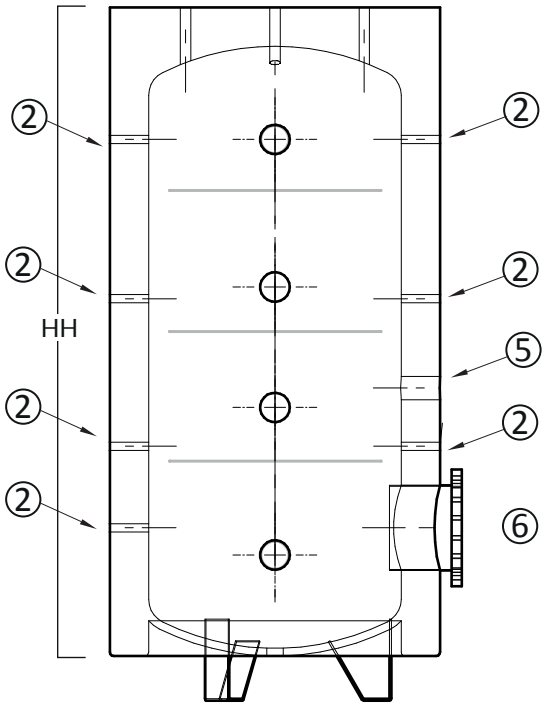
* Based upon ERP standard 65°C cylinder temperature at 20°C ambient air temperature

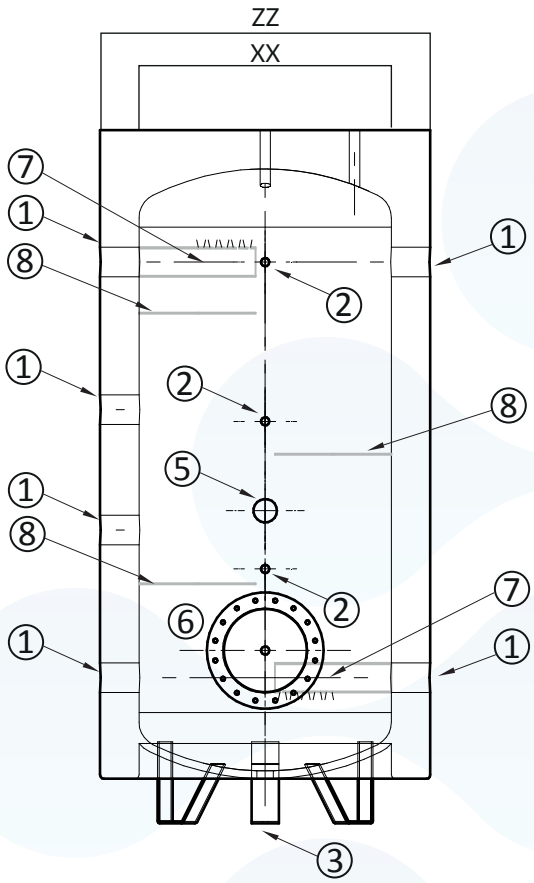
CHWS LTD

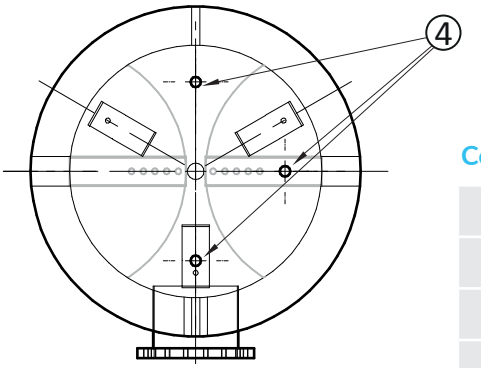
71-72 Gazelle Road, Weston Industrial Estate, Weston-super-Mare, Somerset BS24 9ES / t. 01934 244770 / e. info@chwsltd.co.uk / www.chwsltd.co.uk

TECHNICAL PRODUCT SUBMITTAL

ProStor PS 500 Thermal
Heating Water Storage Vessel







Dimensions (mm)

HH	1785 mm
XX	650 mm
ZZ	850 mm

Connections + Extras

1	Service Connection x6	2½”
2	Sensor Tappings x7	½”
3	Drain x1	1¼”
4	Top Connections x3	¾”
5	Immersion Connections x1	2”
6	Inspection Hatch (mm)	300/220
7	Linear Sparge Pipe	
8	Baffle Plates	