

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, inspection hatch, and inlet/ outlet deflector plates. Vessels can be shipped with or without insulation as requested.

PS Range: Features

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



**ASHP
READY**



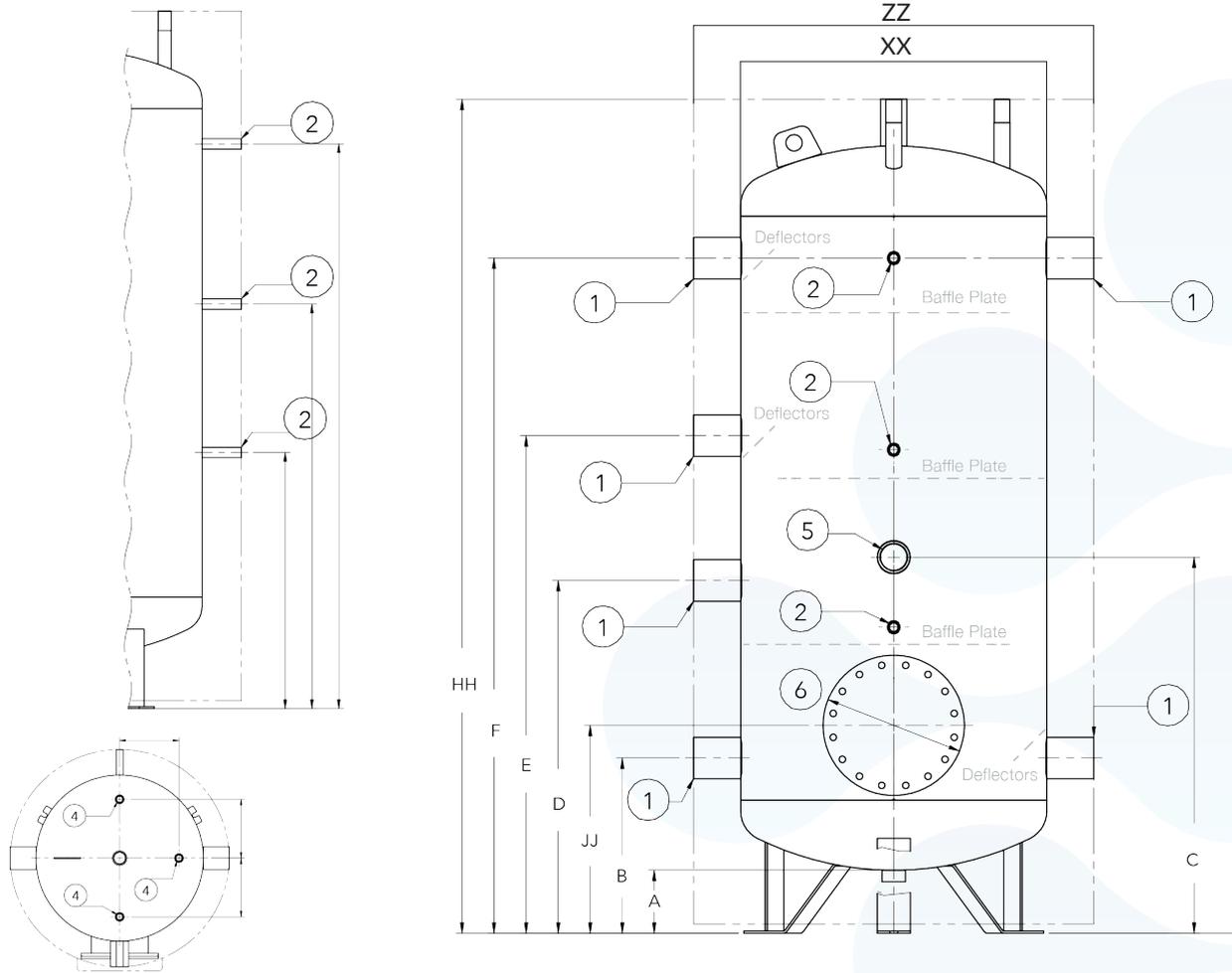
Technical Specification

Capacity	485 litres
Orientation	Vertical
Construction Materials	High Quality 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

TECHNICAL PRODUCT SUBMITTAL

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Dimensions (mm)

A	135 mm
B	375 mm
C	805 mm
D	755 mm
E	1065 mm
F	1445 mm
HH	1785 mm
JJ	445 mm
XX	650 mm
ZZ	850 mm

Connections (BSP/mm)

1	Service Connection x6	2 ½"
2	Sensor Tappings x6	½"
3	Drain x1	1 ¼"
4	Top Connections x3	¾"
5	Immersion Connections x1	2"
6	Inspection Hatch (mm)	300/220

