

ProStor PS 5000 Thermal Heating Water Storage Vessel

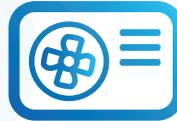
Product Description

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**



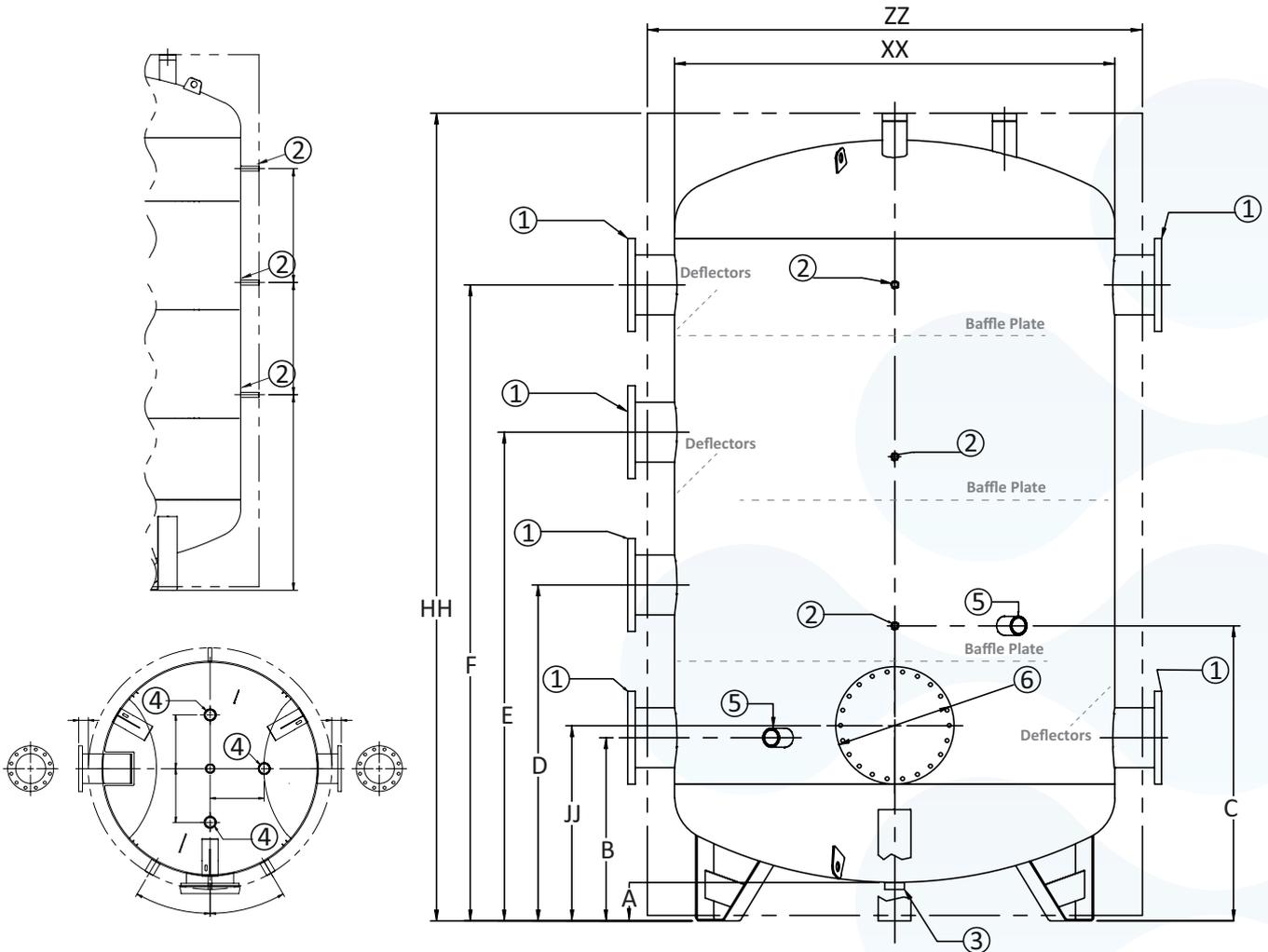
Technical Specification

Capacity	5000 litres
Orientation	Vertical
Construction Materials	High Quality Steel
Insulation Material & Thickness	20mm Close Cell Insulation + 100mm Flexible Insulation with PVC Outer Jacket
Standing Energy Losses*	432 w/hr
	10.37 kwh/24hrs
Total Height with Insulation	2960mm
Total Diameter with Insulation	1800mm
Total Diameter without Insulation	1600mm
Weight Empty	699 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	160 mm
B	670 mm
C	1080 mm
D	1230 mm
E	1790 mm
F	2330 mm
HH	2960 mm
JJ	715 mm
XX	1600 mm
ZZ	1800 mm

Connections (BSP/mm)

1	Service Connection x6	DN200
2	Sensor Tappings x6	½"
3	Drain x1	2"
4	Top Connections x3	2½"
5	Immersion Connections x2	2"
6	Inspection Hatch (mm)	430/220

