

**ProStor PS 4000 Thermal Heating Water Storage Vessel**

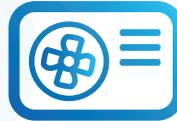
**Product Description**

**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**



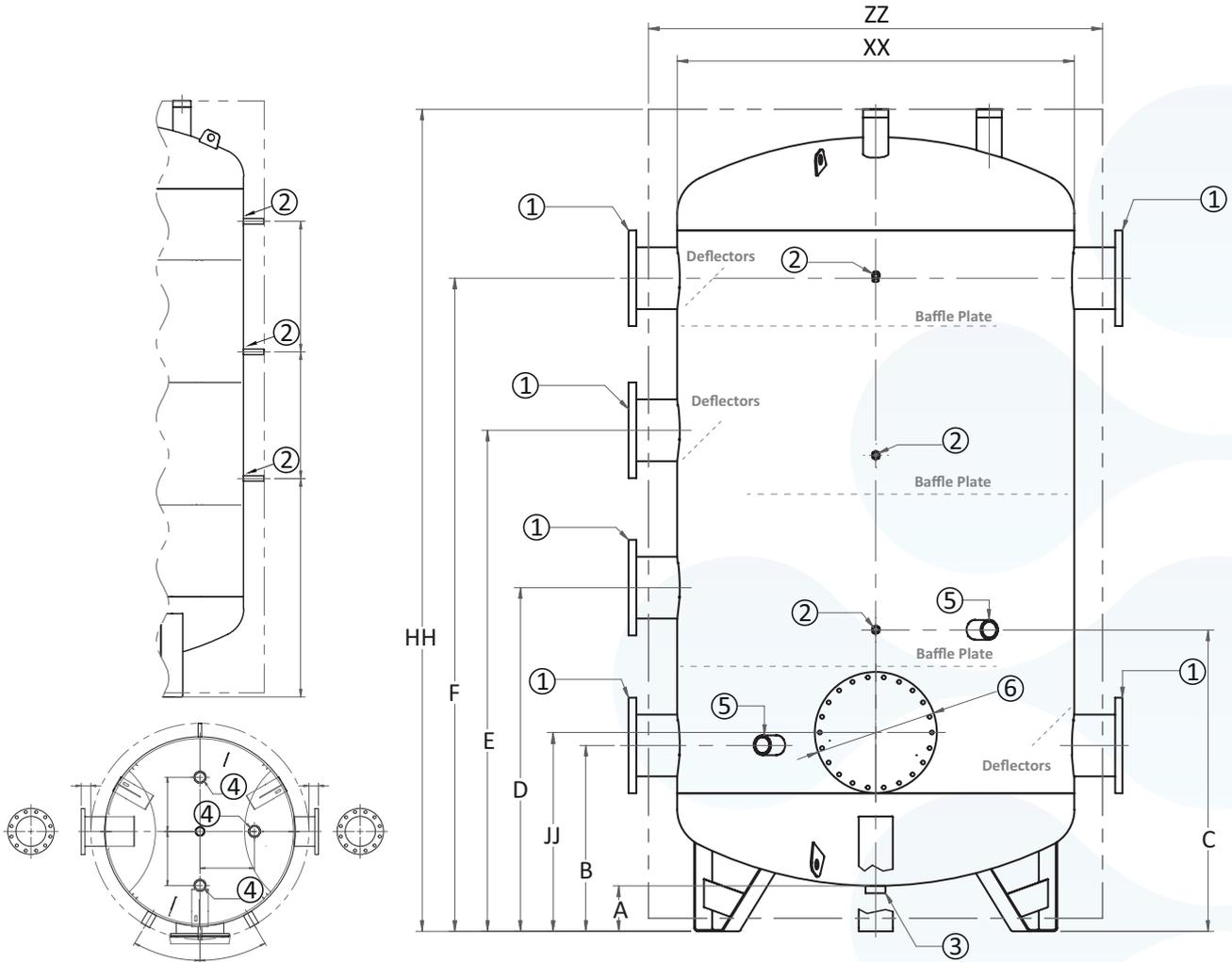
**Technical Specification**

Capacity	4000 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*	371 w/hr
	8.90 kwh/24hrs
Total Height with Insulation	2920mm
Total Diameter with Insulation	1600mm
Total Diameter without Insulation	1400mm
Weight Empty	588 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

## ProStor PS 4000 Thermal Heating Water Storage Vessel



### Dimensions (mm)

A	160 mm
B	660 mm
C	1070 mm
D	1220 mm
E	1780 mm
F	2320 mm
HH	2920 mm
JJ	705 mm
XX	1400 mm
ZZ	1600 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

