

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, 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



**ASHP
READY**



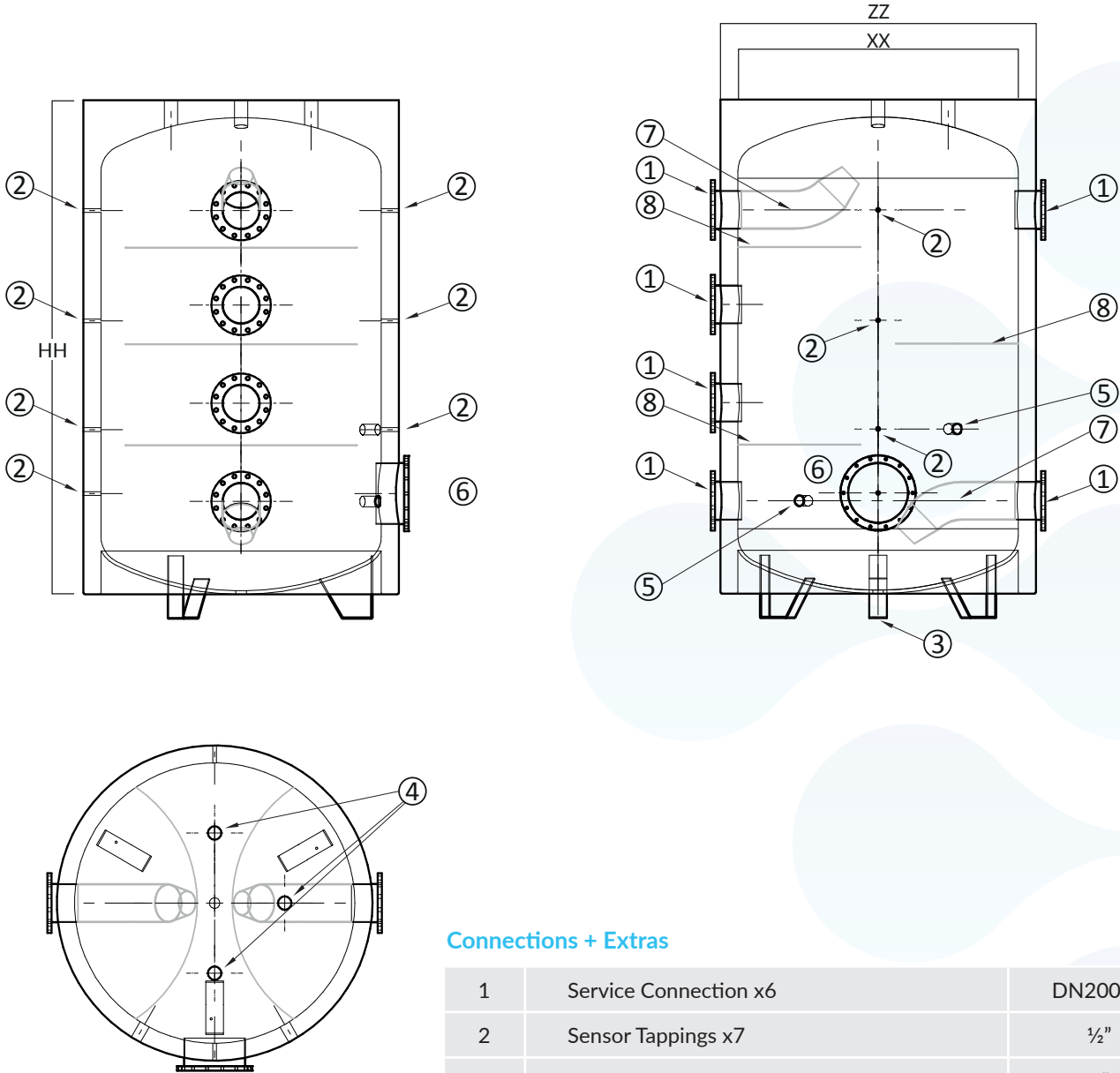
Technical Specification

Capacity	5000 litres
Orientation	Vertical
Construction Materials	High Quality S235JR Carbon Steel
Insulation Material & Thickness	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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Connections + Extras

1	Service Connection x6	DN200 8"
2	Sensor Tappings x7	1/2"
3	Drain x1	2"
4	Top Connections x3	2 1/2"
5	Immersion Connections x2	2"
6	Inspection Hatch (mm)	430/350
7	Conical Sparge Pipe	
8	Baffle Plates	

Dimensions (mm)

HH	2960 mm
XX	1600 mm
ZZ	1800 mm

