

ProStor PS 300 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**

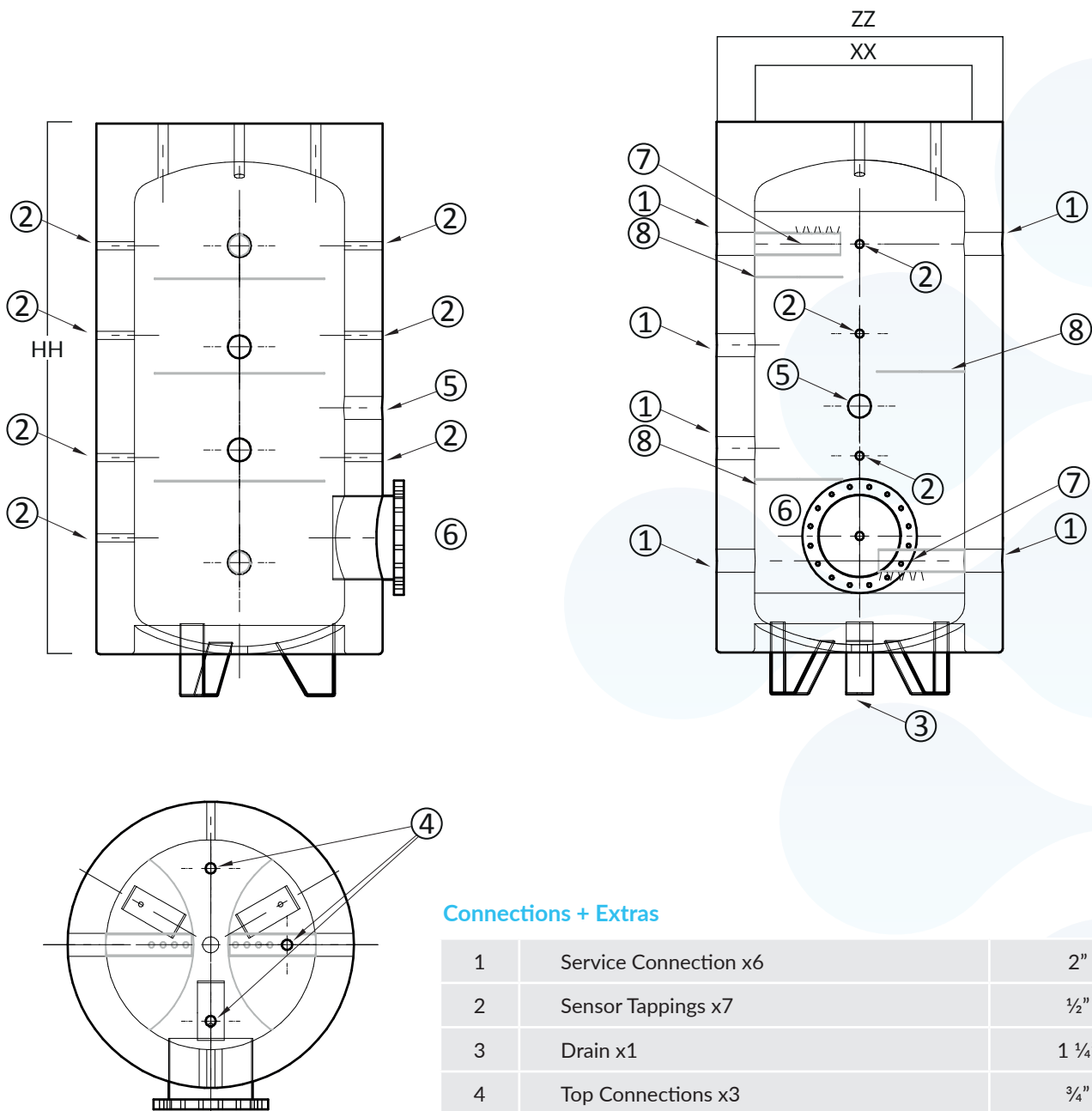


Technical Specification

Capacity	284 litres
Orientation	Vertical
Construction Materials	High Quality S235JR Carbon Steel
Insulation Material & Thickness	100mm Flexible Insulation with PVC Outer Jacket
Standing Energy Losses*	52.1 w/hr
	1.25 kwh/24hrs
Total Height with Insulation	1500mm
Total Diameter with Insulation	750mm
Total Diameter without Insulation	550mm
Weight Empty	55 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

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Heating Water Storage Vessel



Dimensions (mm)

HH	1500 mm
XX	550 mm
ZZ	750 mm

Connections + Extras

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

