TECHNICAL PRODUCT SUBMITTAL

ProStor HC 1000
Heating and Chilled Water Storage Vessel

Product Description



ProStor HC Heating and Chilled Water Storage Vessel

The ProStor HC 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.

HC Range: Features

- High Quality Steel Construction
- Capacities 100 - 5,000 litres
- Low Standing Losses
- 3 Year Warranty
- ASHP Ready
- Suitable for use with Heating and Chilled water applications

ASHP READY

3 YEAR WARRANTY

Technical Specification

Capacity	1000 litres
Orientation	Vertical
Construction Materials	High Quality Steel
Insulation Material & Thickness	80mm Rigid Polyurethane Foam
Standing Energy Losses*	125.4 w/hr
	3.01 kwh/24hrs
Total Height with Insulation	2075mm
Total Diameter with Insulation	1010mm
Total Diameter without Insulation	850mm
Weight Empty	133 kg
Maximum working pressure - Vessel	6 bar
Test Pressure	9 bar
Maximum working temperature	90°C

* Based upon ERP standard 65°C cylinder temperature at 20°C ambient air temperature.

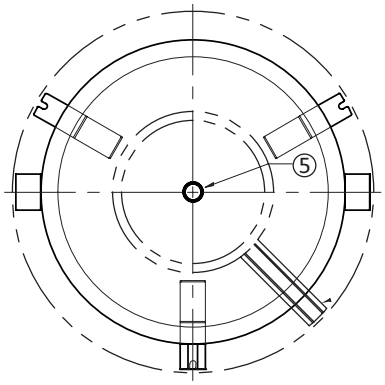
Please Note: HC Insulation Jackets are not removable.

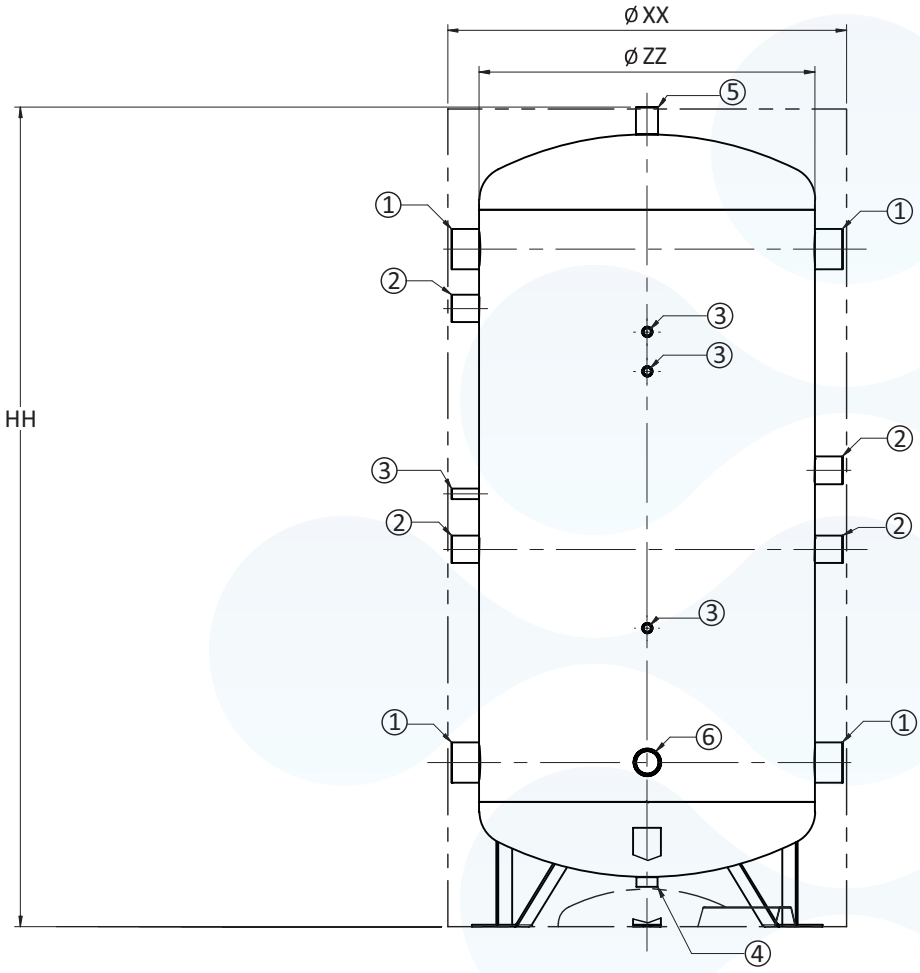
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Dimensions (mm)

HH	2075
XX	1010
ZZ	850

Connections

1	Service Connection x4	3”
2	Service Connection x4	2”
3	Sensor Tappings x4	½”
4	Drain x1	1 ½”
5	Top Connection x1	1 ½”
6	Immersion Connections x1	2”