

**ProStor HC 500**  
**Heating and Chilled Water Storage Vessel**

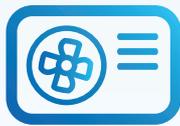
**Product Description**

**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**



**Technical Specification**

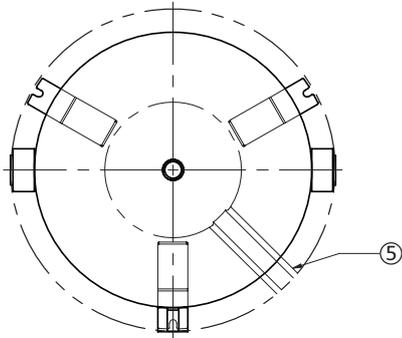
Capacity	485 litres
Orientation	Vertical
Construction Materials	High Quality Steel
Insulation Material & Thickness	55mm Rigid Polyurethane Foam
Standing Energy Losses*	114.1 w/hr
	2.74 kwh/24hrs
Total Height with Insulation	1735mm
Total Diameter with Insulation	760mm
Total Diameter without Insulation	650mm
Weight Empty	88 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.

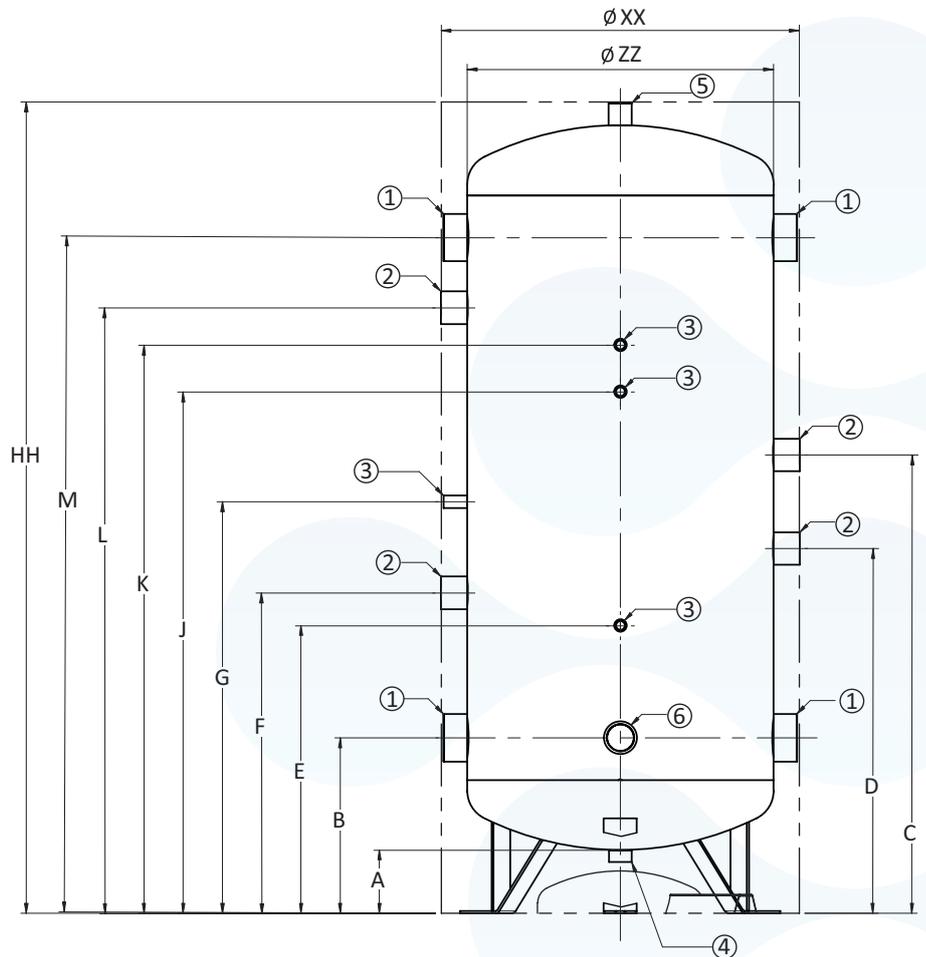
# TECHNICAL PRODUCT SUBMITTAL

## ProStor HC 500 Heating and Chilled Water Storage Vessel



### Dimensions (mm)

A	135
B	375
C	980
D	780
E	615
F	685
G	880
HH	1735
J	1115
K	1215
L	1295
M	1445
XX	760
ZZ	650



### Connections

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

