

**ProStor SC 1500**  
**Single Coil Indirect DHW Cylinder**

**Product Description**

**Single Coil DHW Indirect Cylinders with WRAS approved vitreous lining**

The ProStor SC range of commercial domestic hot water cylinders are suitable for a wide range of water heating applications. Each vessel is fitted with a high output fixed coil to give market leading domestic hot water production. The vessel is lined with WRAS approved Vitreous coating to prevent corrosion.

**SC Range: Features**

- WRAS approved vitreous lining
- High Output Fixed Coil Heat Exchangers
- Capacities: 300 – 1500 litres
- Heat Output: 79 – 196kw
- Electrical Immersion Tapping
- De-stratification Tappings
- Flanged Inspection Hatch
- 50mm Insulation
- Low Standing Losses
- 5 Year Warranty

**SC Range: Options**

- Single & Three Phase electrical elements
- De-stratification Pump

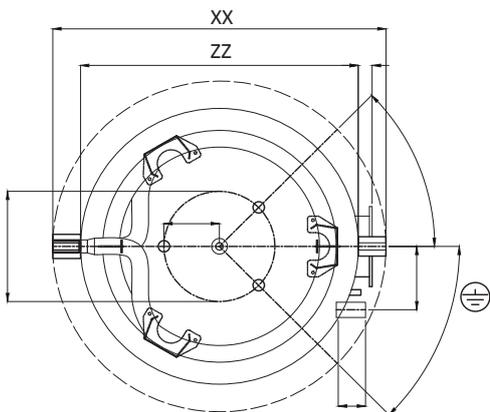
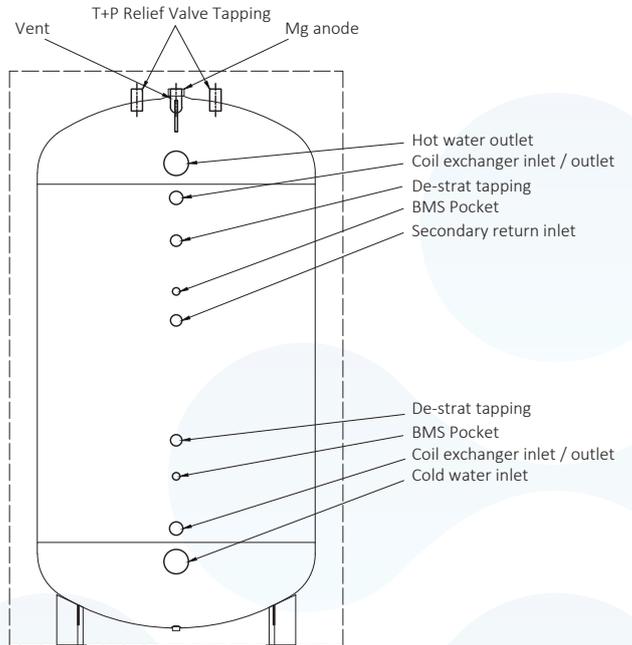
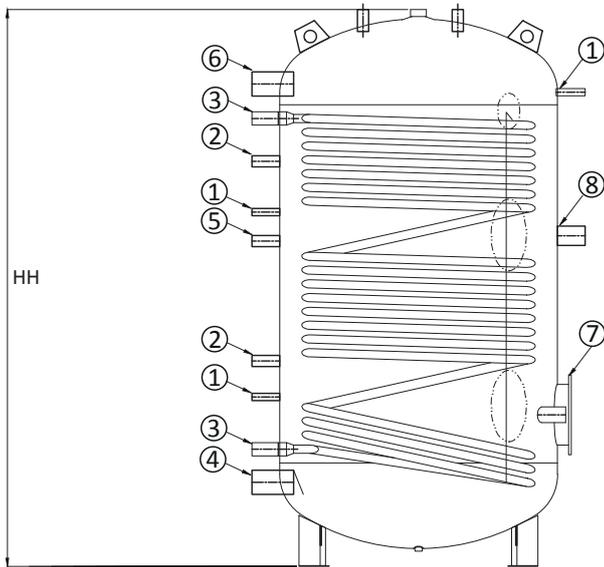


**Technical Specification**

Capacity	1300 litres
Heat Input	8m <sup>2</sup>
Orientation	Vertical
Construction Materials	High Quality Steel with WRAS Approved Vitreous Lining
Insulation Material & Thickness	100mm Soft Polyurethane with PVC Outer Jacket
Standing Energy Losses*	162 w/hr 3.89 kwh/24hrs
Total Height with Insulation	2020mm
Total Diameter with Insulation	1200mm
Total Diameter without Insulation	1000mm
Weight Empty	315 kg
Maximum working pressure - Coil	8 bar
Maximum working pressure - Vessel	8 bar
Maximum working temperature	95°C
Vitreous Lining WRAS Approval Number	1909560

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

## ProStor SC 1500 Single Coil Indirect DHW Cylinder



### Dimensions (mm)

HH	2020
XX	1200
ZZ	1000

### Performance @ Flow & Return

80°C/60°C

Heat Input	180 kW
1st Hour Hot Water ΔT 50°C	4395 litres
DHW Flow Rate ΔT 50°C	3095 litres
Vessel Recovery Rate	25 mins
Primary Flow Rate Required	2.15 lit/sec
Coil Pressure Loss	65 kpa

### Connections

1	BMS Sensor Pocket	½"
2	Destratification Inlet / Outlet	¾"
3	Coil Heat Exchanger Inlet / Outlet	1 ¼"
4	Domestic Cold Water Inlet	2"
5	HWS Secondary Return Inlet	¾"
6	Domestic Hot Water Outlet	2"
7	Flanged Inspection Access	290/220 mm
8	Optional Immersion Heater	2"

