



### ProStor BV 2500 / 3000 - DHW Buffer Vessel

#### Product Description

DHW Buffer Vessels with WRAS approved Vitrecoat® coating

The ProStor range of DHW Buffer Vessels are suitable for water heating projects in commercial projects.

Cylinders can be used with ProPak Thermal Packaged Plate Heat Exchangers, Removable Heat Exchangers, Electrical Immersion Heaters or other heat sources.

All cylinders in the range are lined with WRAS approved Vitrecoat® to prevent corrosion.

#### ProStor® BV Range Features:

- WRAS approved Vitrecoat lining
- Capacity 200 - 3000 Litres
- Electrical Immersion Tapping
- Flanged Inspection Hatch
- Low Standing Losses
- 5 Year Warranty



#### Technical Specification

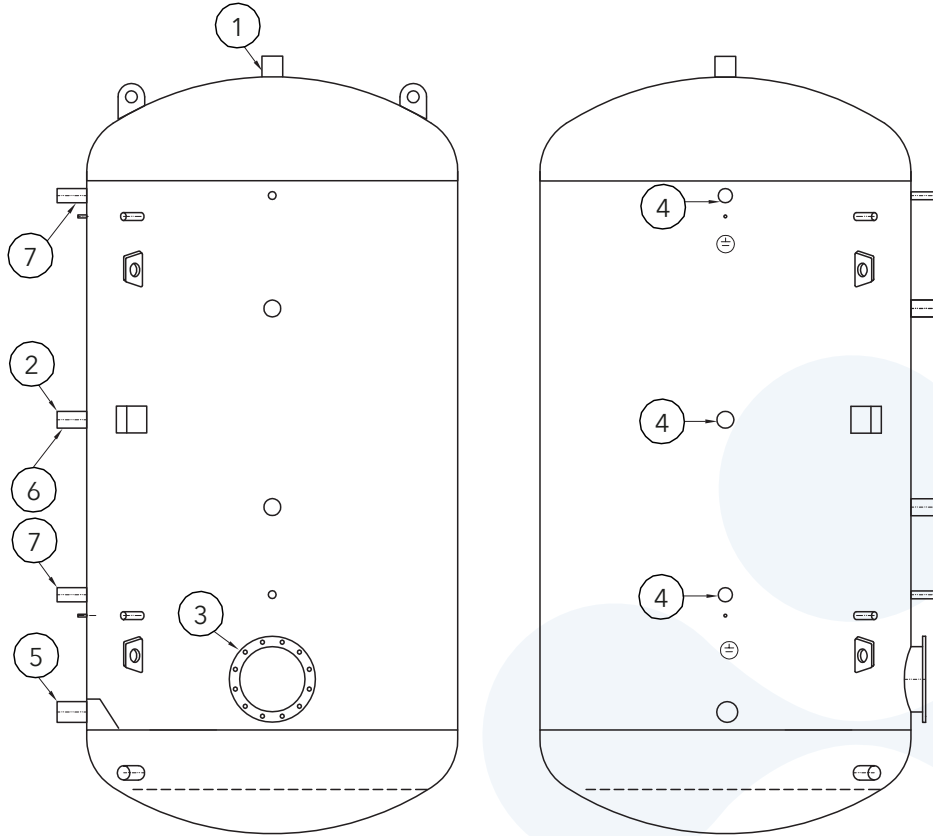
#### ProStor BV 2500

#### ProStor BV 3000

Capacity	litres	2346	2848
Heat Input - Fixed Pipe Coil Size		via External Heat Exchanger, U Bundle or Electrical Immersion	
Orientation		Vertical	
Construction Materials		High Quality Steel with WRAS Approved Vitrecoat Lining	
Insulation Thickness	mm	100	100
Insulation Type		Polyurethane with Jacket	
Overall Diameter (Including Insulation)	mm	1450	1450
Overall Height	mm	2280	2680
Weight Empty	kg	490	587
Max Operating Pressure (Vessel)	bar	8	8
Maximum Operating Temperature	degree C	95	95
Vitrecoat WRAS Approval Number		1704572	



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Note : Sizes are indicative for space planning / design purposes, CHWS will provide an as manufactured drawing for sign off upon receipt of an order.

Connections		ProStor BV 2500	ProStor BV 3000
1	Hot Water Outlet	2 1/2"	2 1/2"
2	Hot Water Return	1"	1"
3	Inspection Hatch	480/400	
4	Sensor Tapping (x3)	1/2"	1/2"
5	Cold Water Inlet	2 1/2"	2 1/2"
6	Service Connection Electric Immersion Port	2"	2"
7	Anode Tappings	1 1/4"	1 1/4"
8	Standing Energy Losses	325W	344W

