

## ProStor PS 4000 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**

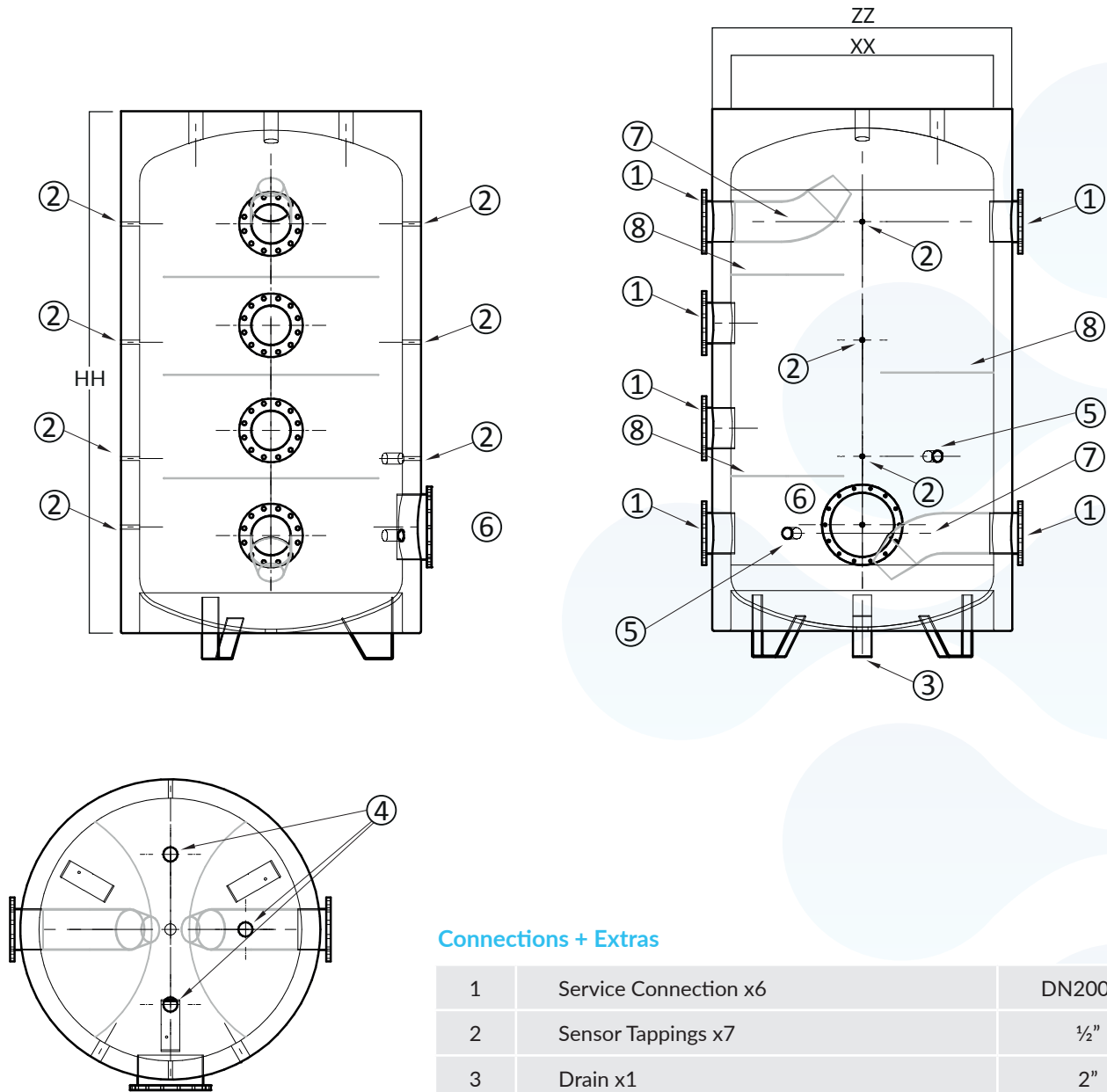


### Technical Specification

|                                   |                                                 |
|-----------------------------------|-------------------------------------------------|
| Capacity                          | 4000 litres                                     |
| Orientation                       | Vertical                                        |
| Construction Materials            | High Quality S235JR Carbon Steel                |
| Insulation Material & Thickness   | 100mm Flexible Insulation with PVC Outer Jacket |
| Standing Energy Losses*           | 371 w/hr                                        |
|                                   | 8.90 kwh/24hrs                                  |
| Total Height with Insulation      | 2920mm                                          |
| Total Diameter with Insulation    | 1600mm                                          |
| Total Diameter without Insulation | 1400mm                                          |
| Weight Empty                      | 588 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



Connections + Extras

|   |                          |          |
|---|--------------------------|----------|
| 1 | Service Connection x6    | DN200 8" |
| 2 | Sensor Tappings x7       | 1/2"     |
| 3 | Drain x1                 | 2"       |
| 4 | Top Connections x3       | 2 1/2"   |
| 5 | Immersion Connections x2 | 2"       |
| 6 | Inspection Hatch (mm)    | 430/350  |
| 7 | Conical Sparge Pipe      |          |
| 8 | Baffle Plates            |          |

Dimensions (mm)

|    |         |
|----|---------|
| HH | 2920 mm |
| XX | 1400 mm |
| ZZ | 1600 mm |

