

ProStor XM/F 3000 Stainless Steel DHW Buffer Storage Vessel

Product Description

WRAS and KIWA UK Reg 4 approved DHW Buffer Vessel

The ProStor XM/F range of commercial domestic hot water buffer vessels are suitable for a wide range of water heating applications. Each vessel can be used in conjunction with a ProPak Thermal Packaged Plate Heat Exchanger, or Electrical Immersion Heaters and is constructed from AISI 316 stainless steel.

XM/F Range: Features

- Full WRAS Approval (WRAS Approval Number 250104710)
- Capacities: 200 – 5000 litres
- Electrical Immersion Tapping
- De-stratification Tappings
- Access Hatch
- Factory Fitted Insulation
- Low Standing Losses
- 3 Year Warranty

XM/F Range: Options

- Suitable for use with electrical immersions or ProPak Thermal packaged plate heat exchangers
- Destratification Pump



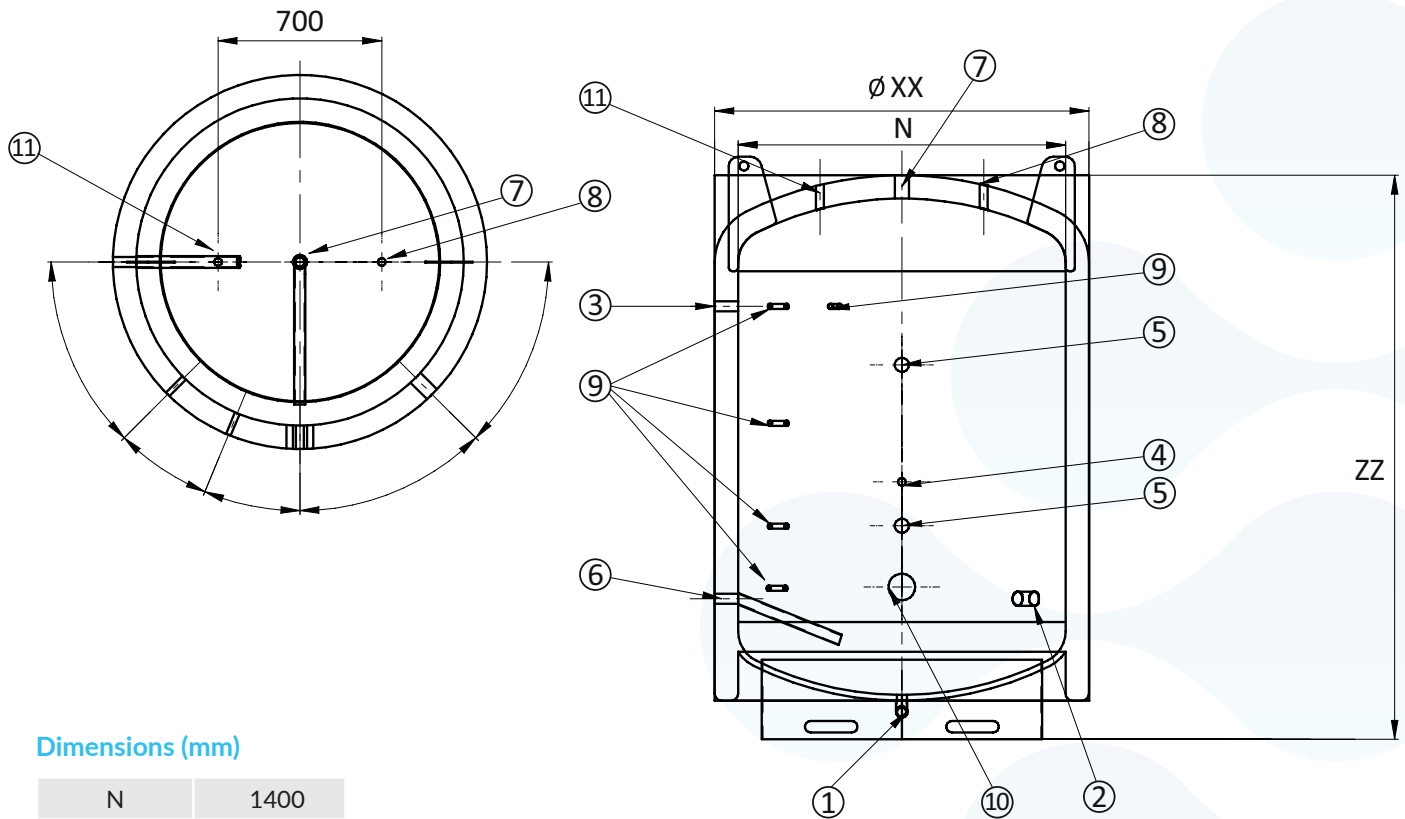
Technical Specification

| | |
|-----------------------------------|---|
| Capacity | 2968 litres |
| Heat Input | Plate Heat Exchanger. Electrical Immersions and Electric Water Heater |
| Orientation | Vertical |
| Construction Materials | AISI 316L Stainless Steel |
| Insulation Material & Thickness | 100 mm Flexible Polyurethane with PVC Jacket outer |
| Standing Energy Losses* | 230 w/hr |
| | 5.52 kwh/24hrs |
| Total Height with Insulation | 2412mm |
| Total Diameter with Insulation | 1600mm |
| Total Diameter without Insulation | 1400mm |
| Weight Empty | 447 kg |
| Maximum working pressure - Vessel | 6 bar |
| Test Pressure | 9 bar |
| Maximum working temperature | 99°C |
| WRAS Approval Number | 250104710 |

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

TECHNICAL PRODUCT SUBMITTAL

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Dimensions (mm)

| | |
|----|------|
| N | 1400 |
| XX | 1600 |
| ZZ | 2412 |

Connections

| | | |
|----|--|------|
| 1 | Drain | 1 ¼" |
| 2 | Service Connection | 2 ½" |
| 3 | Destratification Outlet | 1 ¼" |
| 4 | Secondary Return Inlet | 1" |
| 5 | Service Connection / Optional Immersions | 2" |
| 6 | Destratification Inlet | 1 ¼" |
| 7 | Domestic Hot Water Outlet | 2 ½" |
| 8 | Temp & Pressure Relief Valve | 1 ½" |
| 9 | Sensor Tappings x5 | ½" |
| 10 | Access Hatch | 4" |
| 11 | Auxillary Connection | 1 ½" |

