



# TECHNICAL PRODUCT SUBMITTAL

ProStor XM/F 300

## 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



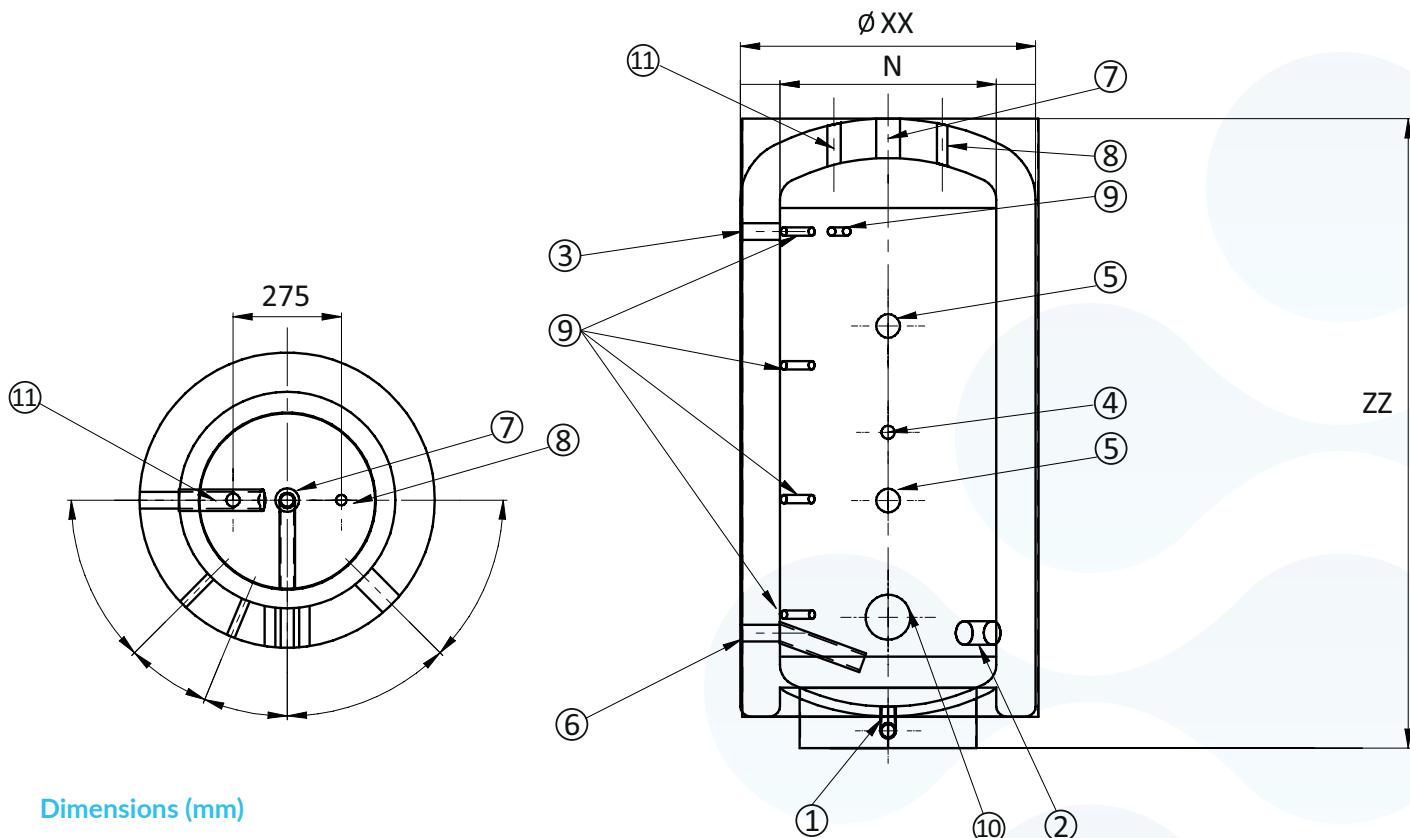
### Technical Specification

Capacity	312 litres
Heat Input	Plate Heat Exchanger. Electrical Immersions and Electric Water Heater
Orientation	Vertical
Construction Materials	AISI 316L Stainless Steel
Insulation Material & Thickness	100mm Flexible Polyurethane with metal sheet outer
Standing Energy Losses*	52 w/hr 1.25 kwh/24hrs
Total Height with Insulation	1600mm
Total Diameter with Insulation	750mm
Total Diameter without Insulation	550mm
Weight Empty	81 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

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### Dimensions (mm)

N	550
XX	750
ZZ	1600

### Connections

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

