


# OS1 – PRESSURISATION UNIT



-  Strong 2mm mild steel construction
-  Fully powder coated against corrosion
-  63mm gauge for clear pressure indication
-  Pre-wired high and low pressure switches
-  Lowara PMB 16 Bronze pumps

## INTRODUCTION

- The OS1 is a single pump, single system, pressurisation unit.
- Designed for use on heating or chilled water systems up to and including 2.8 Bar cold fill pressures.
- All mounted in a mild steel powder coated baseplate.
- The unit is designed for ease of installation with all mechanical connections being terminated on the two side upstands.
- Electrical connections are to a common terminal box providing both high and low pressure, volt free contacts for common or separate fault alarms and/or enable signals.

## PIPEWORK

Suction & discharge internal pipework in copper/plastic capillary tubing, complete with system and vessel isolating valves terminating in 1/2" BSPM screwed connections.

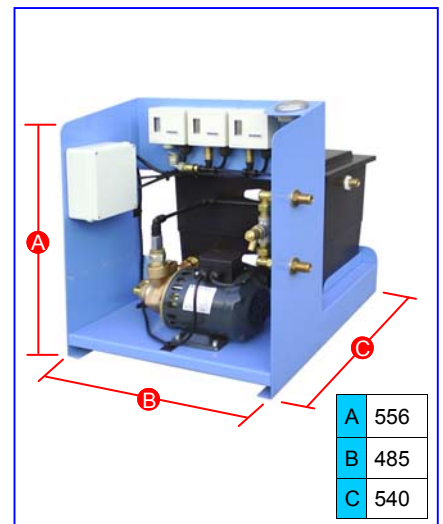
## BREAK TANK

1 No. 4 Gallon polypropylene tank complete with type A air gap from the 1/2" BS1212 Pt 2 float valve and a 22mm compression overflow connection.

## VESSELS

A Full range of replaceable bag/diaphragm expansion vessels is available to suit all systems. Ranging from 3 ltr. to 1000 ltr. and rated at 99°C & 10bar.

## DIMENSIONS (mm)



## PUMP

This consists of a stainless steel shaft with bronze impeller & casing. The pump incorporates a self-adjusting mechanical seal.

## SYSTEM CONNECTIONS

- 1/2" BSP connection to float valve
- 1/2" BSP connection to system
- 1/2" BSP connection to vessel
- 22mm overflow connection

## ELECTRICAL

- Motor: Totally enclosed fan cooled
- Electrical supply: 240 a.c. single phase
- F.L.C.: 2.2 amps
- Power consumption: 300w continuously rated
- Motor insulation: IP44 Class F



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