

MS1 – 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 MS1 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 fully enclosed, mild steel powder coated cabinet.
- The unit is designed for ease of installation with all mechanical connections being terminated outside the main shell.
- 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.

PUMP

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

PIPEWORK

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

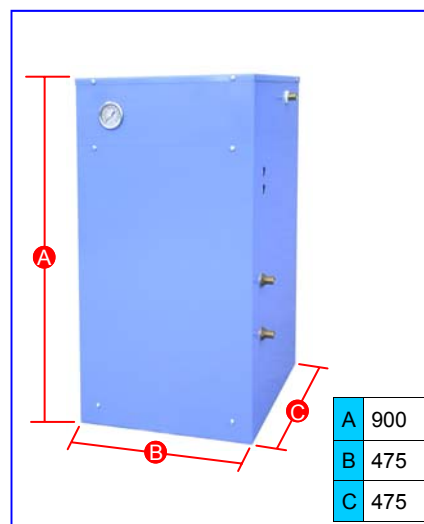
BREAK TANK

1 No. 4 Gallon polypropylene tank incorporating a 6" air gap from the 1/2" HP 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)



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



P r o d u c t s L t d
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