






MT1 – 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 MT1 is a twin pump (duty/standby), 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 taken to an IP54 auto-changeover panel complete with 1 No. Power-on lamps, 2 No. trip lamps, 1 No. Pump selector switch.
- Volt free contacts are provided for pump trip and pressure faults, these are available as common or separate high and low pressure fault alarms and/or enable signals.

PUMPS

These consist 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

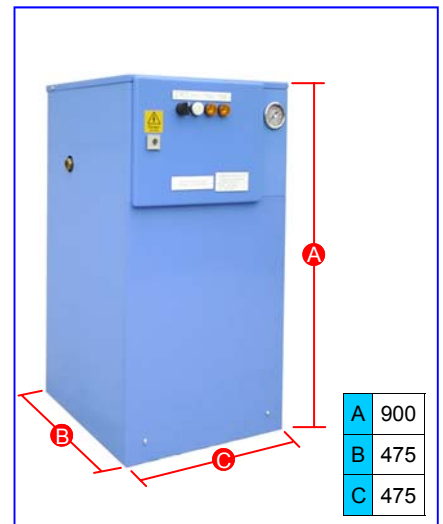
VESSELS

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.

SYSTEM CONNECTIONS

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

DIMENSIONS (mm)



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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