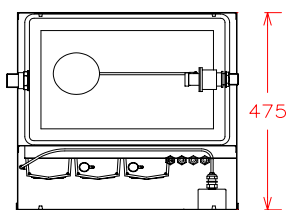
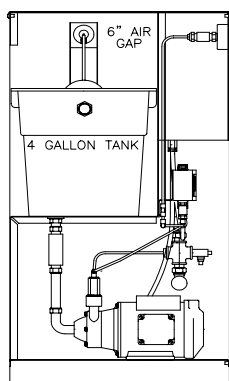
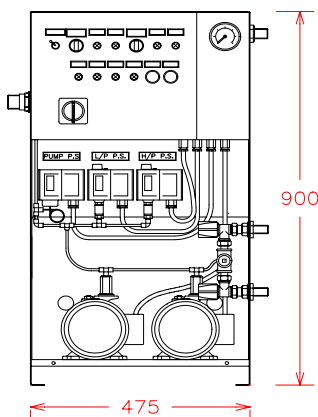


# MT1/ENH – PRESSURISATION UNIT



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



Enhanced Electrical Controls

## INTRODUCTION

- The MT1/ENH is a twin pump (duty/standby), single system, enhanced pressurisation unit.
- Designed for use on heating or chilled water systems up to and including 2.8 Bar cold fill pressures.
- 2 No. cumulative hours run meters
- 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.

## SYSTEM CONNECTIONS

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

## 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.

## PUMP

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

## 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

## ENHANCED CONTROLS

All housed in an IP54 enclosure, the enhanced feature include:-

- Door interlocked isolator
- Power on lamp
- High and low pressure lamps
- Run and trip lamps
- Low water level lamps
- Pump hand off auto switch
- Volt free contracts are provided for high and low pressure, pump trip and low water level



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