









MICRO-S – PRESSURISATION UNIT



-  Compact wall-hung design
-  Possibly the smallest full sized peripheral pump operated pressurisation unit in the UK
-  Non-dependant on mains pressure to satisfy system pressure requirements
-  Option of 2nd float valve where water mains pressure is low
-  All mechanical connections exit the base. Electrical connections on either side.
-  Strong 1.5mm mild steel construction fully powder coated
-  Pump anti seize pulse feature
-  Economically priced

INTRODUCTION

- The Micro-S is a compact single pump, single system, electronically controlled 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 on the underside and all electrical connections on either side to suit site requirements.

SYSTEM CONNECTIONS

- 1/2" BSPM connection to float valve(s)
- 1/2" BSPF connection to system
- 3/4" compression overflow connection

VESSELS

A Full range of replaceable bag/diaphragm expansion vessels are available to suit all systems.
Range: from 3 to 1000 ltr. (rated at 99°C & 10bar).

ELECTRICAL

- Motor: Totally enclosed fan cooled
- Electrical supply: 240 a.c. single phase
- 0.37 kW / 2.5 amps FLC continuously rated
- Motor insulation: IP44 Class F

PIPEWORK

Suction & discharge internal pipe-work complete with double check valves and twin isolation valves.

BREAK TANK

1 No. 10 litre polypropylene tank with 1/2" float valve and a 22mm compression overflow connection. Second float valve option for low water pressure areas.

PUMP

Constructed of a cast iron body with stainless trim, stainless steel shaft with a brass impellor. The pump incorporates a self-adjusting mechanical seal.

CONTROLS

All within the integral enclosure, the controls feature :-

Electronic Controls for:

- Pump control
- High pressure alarm
- Low pressure alarm
- Daily anti-seize pump pulse
- Low water level

Alarms for:

- Low pressure
- High pressure

Volt free contacts for:

- Low pressure
- High pressure

Gauge for:

- System pressure

DIMENSIONS / WEIGHT

Dimensions (mm): 385w x 345d x 315h
Weight (kg.): 18 (dry) / 28 (wet)



AbbeyHouse, Charter Street, Leicester. LE13UD
Tel: 0116 242 5425. Fax: 0116 242 5555
Email: info@flowmech.co.uk www.flowmech.co.uk