

Floor Standing Digital Pressurisation Unit Twin Pump 4/6 Bar



PRE003/PRE004/PRE005

MICROPROCESSOR CONTROLLED TOUGH AND FEATURE PACKED STURDY FLOOR-STANDING PRESSURISATION UNIT

For maintaining system pressure in large commercial sealed heating systems, chilled water systems, refrigeration units and industrial cooling systems.

Features include:-



- High-Pressure Control (over 4 Bar)*
- Single (Duty) or Dual Pump (Duty/Standby) Operation for maximum Backup Security
- Integral 20L (actual) Break-Tank with WRAS approved Fill Valve
- All plumbing connections conveniently located through side (left or right) of unit*
- Compact Floor-Standing Design (only 483 x 723 x 352mm) 38kg* (approx)
- Tough, all-Steel unbreakable enclosure
- Simple Installation, Commissioning & Setup
- Automated operation, Fill and Top-Up
- Full English Language interaction - no obscure error codes or symbols
- ECO Low-Power energy saving with less than 5W* average standby and high end-of-life recyclability
- Digital Accuracy with 100mB (0.1Bar) Resolution
- Low Pressure, High Pressure, Water Low (Supply), Leak and Service Alarms
- Automatic changeover on Pump Fault
- Automatic Pump-Test (anti-seize) feature
- Two independent customisable VOLT-FREE (*Change-Over*) contacts for Plant Shutdown & Remote Telemetry/Signaling
- Error/History Log
- Remote/BMS Enable Control On/Off
- 'At-a-glance' indication of possible problems or errors with a RED/GREEN STATUS LED
- Customisable Audible Alarm
- Service/Maintenance Reminder with System Safety and Lock Features
- Adjustable Contrast and Brightness (for all environments - even zero Lux)
- Comprehensive built-in Diagnostic and Test Features
- Password protected multi-level Setup Menus for installation in high-risk areas

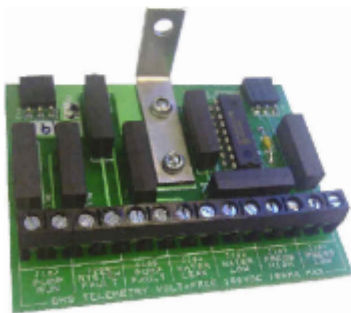
Options: No other Pressurisation Unit offers such a range to suit every application...

/A Remote Alarm Panel



Connects to the Remote Relay inside the Pressmatic to indicate an issue with the equipment at a remote location. Usually installed in a Security, Management, Janitorial, Caretakers or Custodians office to indicate a problem with the main equipment (that is usually located elsewhere in a basement or plant room or otherwise sometimes rarely accessible location). Requires 110-240vAC or 12-24vAC/DC Power. Made to BS5733.

/B BMS Interface Module ⁽²⁾



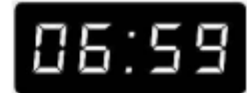
Provides 7 Volt-Free Telemetry Contacts for Low Pressure, High Pressure, Water Low, Water Leak, Pump Fault and System Fault Alarms, plus Pump Run.

*Notes

(1) Factory Fitted/Installed Option - cannot be retro-fitted

(2) Only ONE Module (of any type) can be fitted at any time - but can be retro fitted as required

/C Clock Module ⁽¹⁾



Adds a Time and Date stamp to events recorded in the Error History Log. The clock is maintained by a replaceable integral Battery when the unit is disconnected from main power.

/D Dual Output Model



Two Pumps each driving an independent output. It's like having two Pressurisation Units in one cabinet with each output having it's own Pressure Settings, Alarms and Volt-Free Contact. The two Pressure Outputs exit the cabinet independently, one on the left, the other on the right.

/E ECO+ Super Energy Saving ⁽¹⁾



Special low-energy consumption version that reduces average standby power consumption to 3.5W

/F FILL on Left-hand side



Awkward having the Water entry on the Right-hand side (factory default)? That's OK because you can order the Pressmatic with FILL on the LEFT.

/G GLYCOL version



With the GLYCOL version, the Pressmatic is fitted with the facility to agitate the Water Tank contents to prevent separation of the anti-freeze additive.

/H High Pressure Model



This option fits larger pumps that can deliver over 7 Bar for installations requiring extra high pressure.

/L Legionella Alert Alarm ⁽¹⁾



Provides a warning that the system has been idle in conditions that could support bacterial growth.

**/O OVERFLOW
on Left-hand side**



Right-hand side is the factory default. But you can order the Pressmatic with the OVERFLOW on the LEFT.

**/P PRESSURISED OUT
on Left-hand side**



If needed, the Pressmatic-Maxi can be ordered with the Pressurised Output on the LEFT (factory default is Right-hand side). This option is not available with the DUO /D option DUAL OUTPUT model.

/R Power Relay Expansion Module ⁽²⁾



Provides 3 Volt-Free Change-Over Relay Contacts. Each contact is individually programmable for Low Pressure, High Pressure, Water Low, Water Leak, Pump Fault and System Fault Alarms, plus Pump Run. The contacts are rated at up to 6A 240vAC (Resistive).

