

FOR ALL YOUR PUMPING SOLUTIONS

TRICEL PUMPS PRESSURISATION UNIT

OPERATING INSTRUCTIONS



PRESSURISATION UNIT OPERATING INSTRUCTIONS

Operating Instructions

The power (1ph) into the unit should be connected to the Black Pressure Switch. Usually located just above the pump. The Pump is already wired from there and no further connections are required.

High & Low Pressure Switches:

The high and low pressure switches are for the system (Circ Pump, Boiler, etc.) protection only and should not be connected to the control circuit or otherwise of the Pressurisation Unit.

They should be used in conjunction with controls for the circ pumps and boilers.

These should be connected as follows:

LP (Low Pressure) For N/O on fault. Use: Terminal 1 & 4
 For N/C on fault. Use: Terminal 1 & 2

HP (High Pressure) : For N/O on fault. Use: Terminal 1 & 2
 For N/C on fault. Use: Terminal 1 & 4

The unit is already Pre-Commissioned and no adjustments should be necessary.

Unit Output @ 1.8 Bar

System Switches – High 40 Psi, Low 10 Psi

Pressure Vessel – 33 Psi

Troubleshooting:

The monitor will not run:

- A) Pressure switch set too low.
- B) Power not available at the unit.
- C) Faulty pressure switch.
- D) Motor is defective

Motor runs but the pressure will not build up:

- A) Unit not properly primed.
- B) All valves open to waste.

Pump cycles rapidly:

- A) Incorrect air charge pressure.
- B) Perforated diaphragm.
- C) Pressure switch set too low.
- D) Suction footvalve failure.

The pump runs continuously:

- A) Pressure switch set too high.
- Subject to alterations.

