

Three Phase Quick Set-Up Instructions

Important Setup and Operating Information

- 1) Install inlet & return piping to each pump set.
- 2) Install piping to discharge manifold block.
- 3) Pressure switch should be set at 25 psi main scale and 10 psi differential
- 4) Important...Operating pressure at the discharge manifold should be at least 25psi. A back pressure valve may have to be installed.
- 5) Set lead pump to #1
- 6) If a failure occurs with pump one an alarm will sound indicating failure and pump two will be activated. The alarm will continue until you select the alternate lead pump.
- 7) Locate problem... Inspect, repair or replace failed pump.

Test Note: To force the panel into failure mode, either push the Test Button or back out the Pressure Adjustment on the lead pump to the minimum setting.

This unit was Inspected By _____ Date _____

This unit is factory set for _____

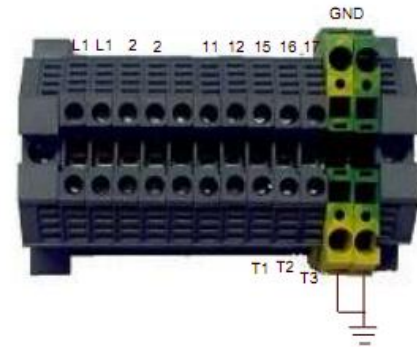


Important Pressuretrol Setup Information For Pump Priming and Line Purging

The adjustment screws on the pressuretrol should be set carefully according to the instructions below.

- 1) Set the differential scale indicator on the pressuretrol at approximately 5 psi (halfway between 10 and the bottom of the scale) This permanently sets the differential scale. Set main scale indicator at 0 psi so the supply pump can run continuously during priming and purging of the supply line.
- 2) Purge Lines... Run both supply pumps to assure both are oil filled. For priming purposes OSV valves can be manually operated by using a priming tool or by inserting a stiff wire through the cover hole of the oil safety valve and depressing the diaphragm plate.
- 3) After purging, return factory settings to the 25 psi main scale set and 10 psi differential scale set.

Electrical Connections



230 Volt 3 Phase Connection

Both Terminal 2's are Neutral
Apply voltage to terminals 15, 16 and 17
230 Volt Motor Connection

*460 Volt 3 Phase Connection

Both Terminal 2's are Neutral
Use Terminal 15, 16 and 17

*For converting 460v to a 230v application you must reconfigure the HV Jumpers on the transformer and also the motor connections. LV connections remain the same.

460 Volt Motor Connection

