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PRESSURE SWITCH INSTALLATION SHEET

Part Number 128117

Suntec Pressure Switch

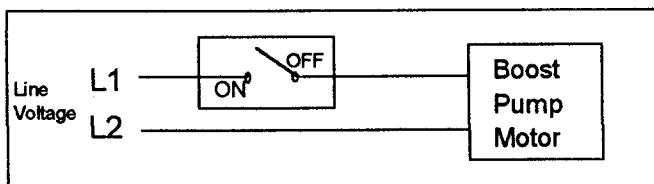
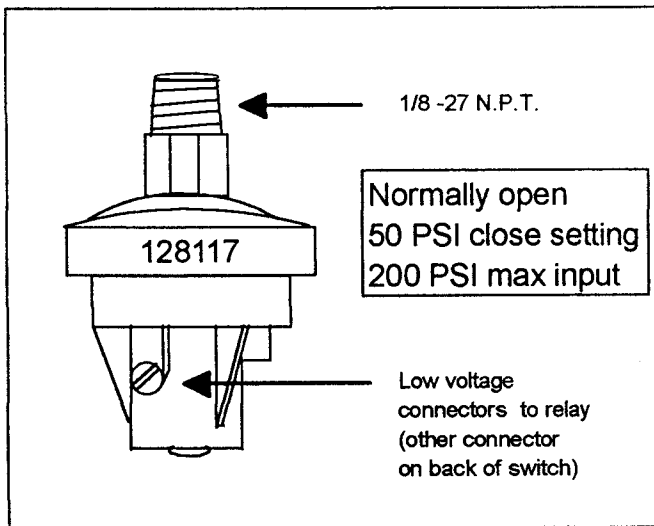


Figure 1 - Wiring for constant operation

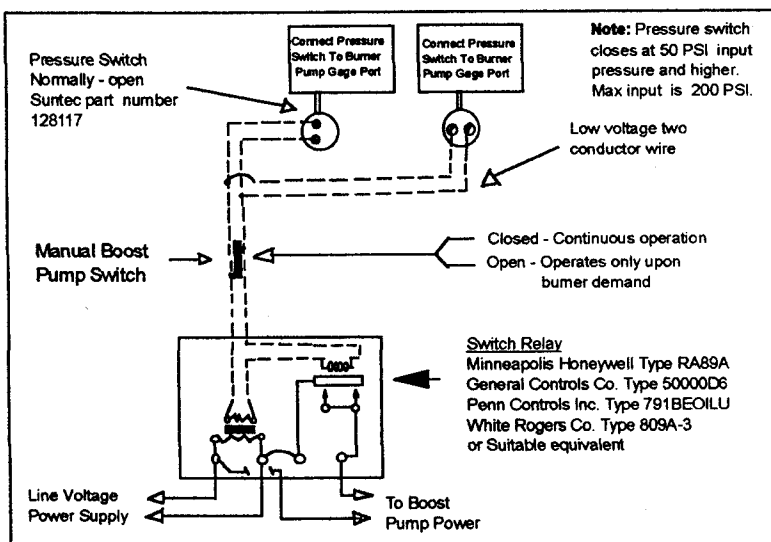


Figure 2 - Wiring for intermittent operation

WIRING INSTRUCTIONS:

Wiring the system depends upon the operation desired:
constant or intermittent.

A. CONSTANT OPERATION

A voltage switch between the power source and the boost pump motor is used for simple ON/OFF operation. Figure 1 illustrates this circuit. The switch is not furnished by Suntec but is readily available from most oil burner part suppliers.

B. INTERMITTENT OPERATION

A pressure switch (Suntec part number 128117 shown) is connected in the gage port of each heater's fuel unit. Figure 2 shows the switch installation in the circuit.

Operation is simple. Pressure developed by the oil burner fuel unit closes the low-voltage switch connected to the fuel unit. This causes the switch relay to energize the boost pump, which starts and stops automatically with the oil burner. For initial start-up, the switch relay may be held in manually, or a manual ON/OFF switch may be connected across the low-voltage wire leading from the switch relay to the pressure switch. With the manual switch in the ON position, the boost pump runs continuously.

Important Information

Caution: This product must be installed, adjusted and started only by a qualified service technician: an individual or agency, licensed and experienced with all codes and ordinances, who is responsible for the installation and adjustment of the equipment. The installation must comply with all local codes and ordinances and with the National Fire Protection Standard for Liquid Fuel Equipment, NFPA 31 or CSA B139-M91.