

**FOR A-7000 SINGLE-STAGE AND B-8000
TWO-STAGE FUEL UNITS
MODELS A1 & B1
FOR 1725 RPM, BLACK LABEL
MODELS A2 & B2
FOR 3450 RPM, WHITE LABEL**

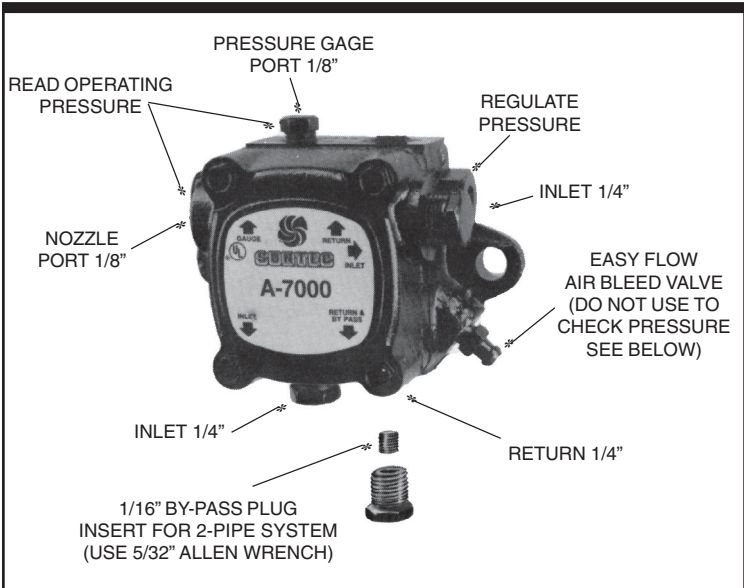


FIGURE 1

GENERAL INFORMATION • ALL SYSTEMS

IMPORTANT INFORMATION Long or oversized inlet lines may require the pump to operate dry during initial bleeding period. In such cases, the priming may be assisted by injecting fuel oil into the pump gearset. Under lift conditions, oil lines and fittings must be air tight. To assure this, "pipe dope" may be applied to both the used and unused inlet and both return fittings. **DO NOT USE TEFLON TAPE!! DO NOT USE COMPRESSION FITTINGS!!**

MOUNTING POSITION Model "A" Single-Stage Fuel Unit may be mounted in any position. Model "B" Two-Stage Fuel Unit may be mounted in any position except upside down (1/8" ports pointed down).

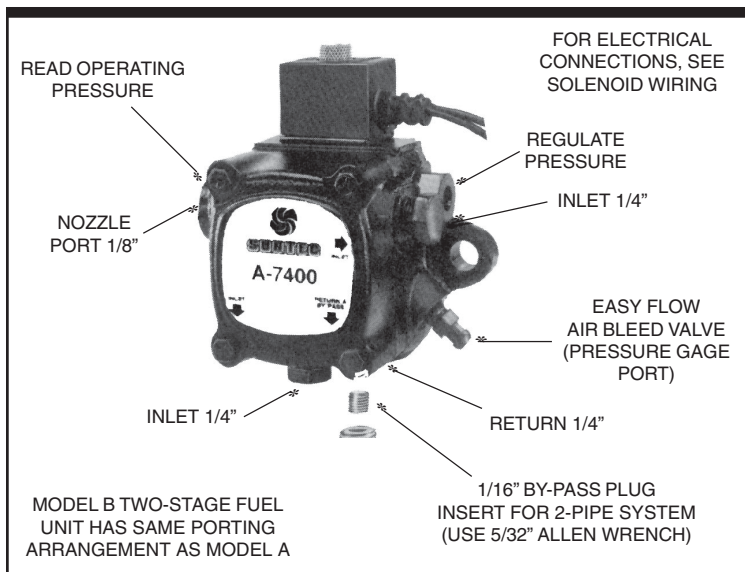


FIGURE 2

VACUUM CHECK A vacuum gage may be installed in either of the 1/4" inlet ports or in the 1/8" return port (on single-pipe installations), whichever is most convenient. The Model "A" pump should be used where the vacuum does not exceed 6" hg. single-pipe and 12" hg. two-pipe. The Model "B" should be used where vacuum does not exceed 17" hg. Remember, running vacuum is the total of all pressure drops (ΔP) in the system from tank to inlet of pump.

PRESSURE CHECK If a pressure check is made, use GAGE PORT OR NOZZLE PORT. DO NOT USE EASY FLOW BLEED VALVE PORT FOR THE 7000 SERIES. The easy flow bleed valve port contains pressure higher than operating pressure. Setting pump pressure with gage in the easy flow bleed valve port results in WRONG operating pressure. The 7400 is an exception (see Figure 2).

CUTOFF PRESSURE Average cutoff pressure for A and B fuel units is 80 psig. To check cutoff pressure, install pressure gage in nozzle port. Run burner for short period of time. Shut burner off. Gage shows cutoff pressure.