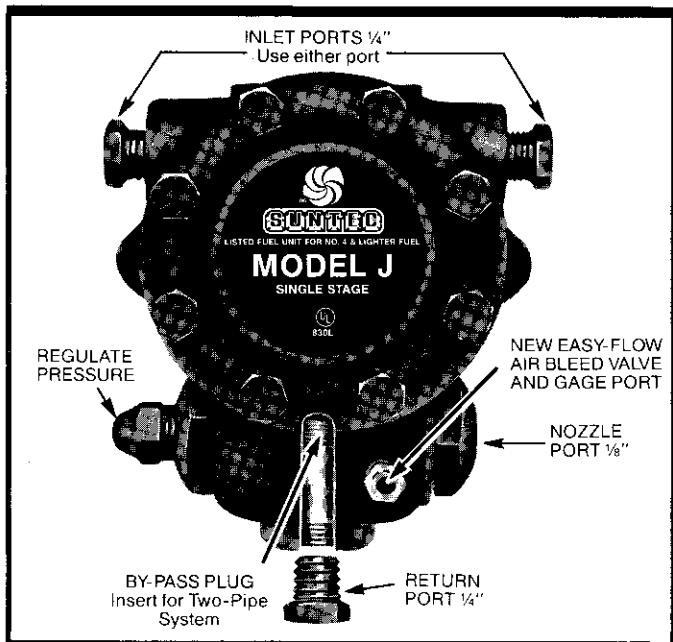


IMPORTANT... INSTALLATION INFORMATION



SUNTEC ROTA-ROLL® FUEL UNITS MODEL J SINGLE-STAGE AND MODEL H TWO-STAGE



ALL SYSTEMS • GENERAL INFORMATION

1. Oil lines should consist of not smaller than 1/2" O.D. copper tubing. See line size and installation data.
2. Oil lines must be absolutely airtight. Check all connections and joints. Note: Teflon tape should not be used on fittings.
3. During initial start-up or if the oil supply runs dry, prime the fuel unit with lubricating oil.
4. Return line and inlet pressures must not exceed 10 psi. Higher pressures may cause the seal to leak.

AIR BLEED PROCEDURE WITH NEW EASY-FLOW AIR BLEED VALVE

ONE-PIPE SYSTEM

START BURNER: Loosen easy-flow air bleed valve CCW one turn for fast purging.

For clean bleed in restricted spaces, an easily-attached hose can be used to direct bleed oil into a container. A 3/16" I.D. hose can be slipped directly over end of valve.

OPTIONAL PROCEDURE: Before starting burner on gravity-feed systems, loosen unused intake port plug until there is a flow of oil from the port.

TWO-PIPE SYSTEMS

Air bleeding is automatic. Opening easy-flow air bleed valve will allow oil to be pulled up faster.

MOUNTING POSITION: Model "J" may be mounted in any position.

NOTE: Direction of rotation and nozzle port location determined from shaft end with valve at bottom.

Model "H" may be mounted with the valve horizontal at either top or bottom.

Valve may be mounted vertical providing the adjusting screw is at the top of CW rotation-left nozzle and CCW rotation-right nozzle models, or adjusting screw at bottom on CW rotation-right nozzle and CCW rotation-left nozzle models.

ADDITIONAL INSTALLATION INFORMATION:

Piping of fuel lines for oil-fired
 WATER HEATER Form No. 1335
 Suntec boost pump—
 SIMPLIFIED CIRCUIT Form No. 450012

ONE-PIPE SYSTEM • INLET LINE ONLY

Fuel units are shipped without by-pass plug installed. Verify that no one has installed the by-pass plug. For line lengths under 50 feet, use 3/8" O.D. copper tubing. For line lengths 50 to 100 feet, use 1/2" O.D. copper tubing. "J" and "H" models are not recommended for lift above two feet, max 2" Hg inlet vacuum, except for the J2-F (Fig. 2).

TWO-PIPE SYSTEM • INLET AND RETURN LINE

Remove internal by-pass plug from plastic bag and insert as shown in illustration. Tighten securely. For recommended line sizes, refer to charts on reverse side. Maximum operating vacuum at fuel unit for the "J" model is 12" Hg. The Model "H" should not be used where inlet vacuum exceeds 20" of Hg at 1725 and 17" of Hg at 3450 rpm.

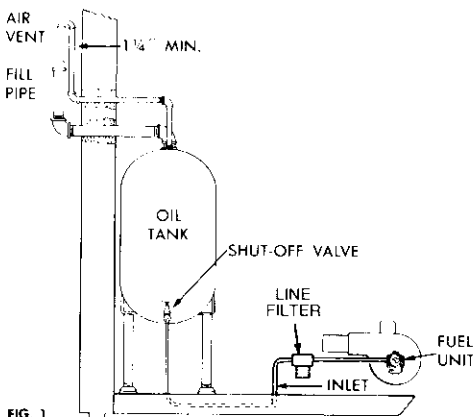


FIG. 1

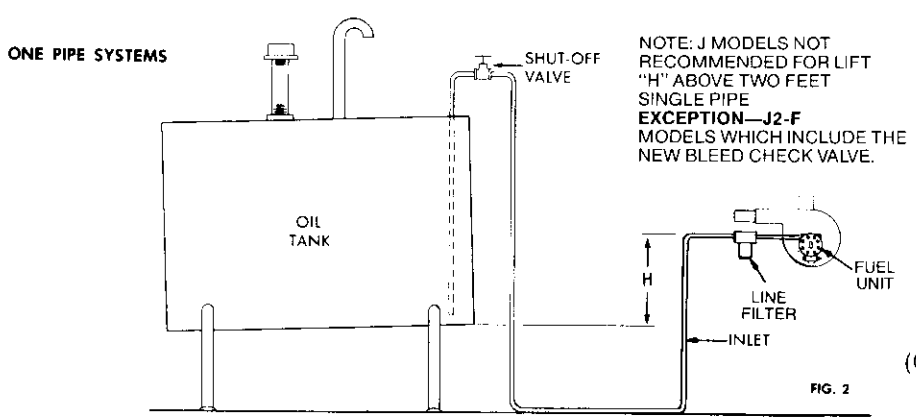


FIG. 2

(OVER)

