

5/4/98

Solenoid Change Improves Performance for Oil Burner Shutoff Valves

The solenoid arrangement for Scotch Oil Burner Shutoff Valves has been changed. This change affects all new orders as well as replacement solenoids for existing oil valves. For new valves, the solenoids are mounted directly to the actuators. This arrangement eliminates external piping and connections from the solenoids to the actuator. For retrofitting solenoids on existing oil valves, an adapter plate, manifold block and fasteners are supplied as a kit.

For New Valves the following are eliminated:

- Plastic valve bodies (Automatic Valve)
- External tubing
- Automatic Valve & Numatics solenoids

Replaced by:

- All metal construction
- Direct mounting to actuator with no external tubing
- Optional speed controls
- Versa solenoids

For Existing Valves the following are eliminated:

- Plastic valve bodies (Automatic Valve)
- Automatic Valve & Numatics solenoids

Replaced by:

- All metal construction
- Metal mounting plate and manifold block
- Optional speed controls
- Versa solenoids

The Versa solenoid is a superior all metal design with a continuous duty, type H coil. Viton® seals are standard, providing an ambient temperature rating of 180° F. Single coil fail closed models feature a high rate return spring for improved reliability.

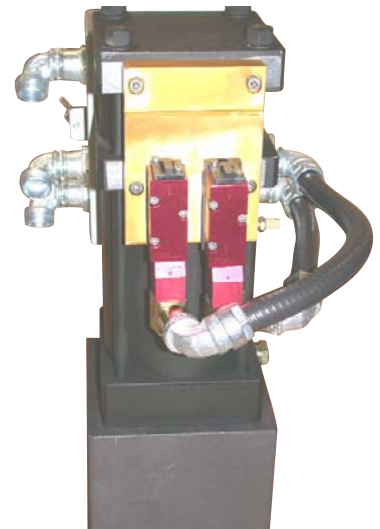
Replacement Automatic Valve and Numatics solenoids for the existing oil valves will no longer be supplied. We have configured a retrofit kit for replacing solenoids on existing oil valves with the new Versa solenoids. The kit is P/N 37410 and includes a mounting plate, manifold block, and related fasteners. In addition to the mounting kit, two solenoids are required and must be selected from the price list based upon electrical requirements. The solenoids are not included in the kit.

Detailed installation instructions are shipped with each kit and are also available for review prior to ordering kits. Consult factory or your Scotch representative for a copy.



Existing Valve Configuration

Valves originally ordered with Factory Mutual approval and retrofitted with the Versa solenoid will maintain FM approval. New valves ordered with FM approval will carry FM approval with the new Versa arrangement.



New Valve Configuration

When ordering Versa solenoid retrofit kits for existing valves please supply the following information:

- Number of kits required.
- Scotch valve serial number.
- Failure mode
 - Fail closed position - single coil
 - Fail position - dual coil
- Solenoid voltage
- Electrical area classification
 - Non hazardous
 - Class 1 Division 1
 - Class 1 Division 2

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