

Features

- General Purpose Enclosure.
- 3-Way operation allows diversion of flow from commercial/industrial oil burners to recirculatory system.
- Zero differential.

Fluid Handled

Fuel Oil up to 1500 SSU

Construction

| Valve Parts in Contact with Fluids | |
|------------------------------------|----------------------|
| Body | Brass |
| Seals and Disc | NBR |
| Core and Plugnut | 430F Stainless Steel |
| Springs | 302 Stainless Steel |
| Shading Coil | Copper |

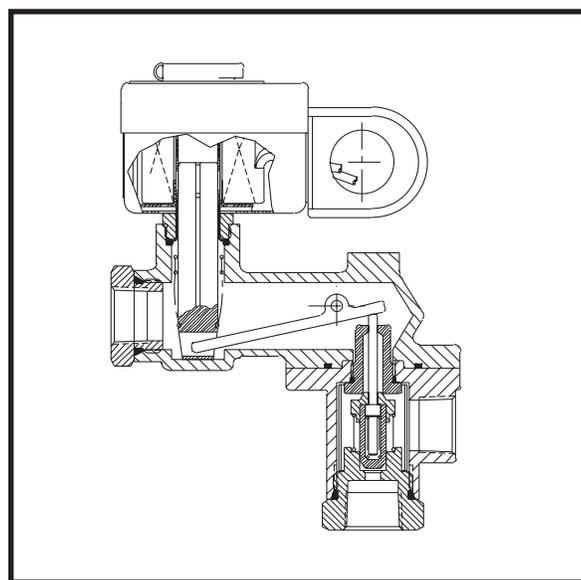
Electrical

| Standard Coil and Class of Insulation | Watt Rating and Power Consumption | | | Ambient Temp. °F | Spare Coil Family | |
|---------------------------------------|-----------------------------------|------------|-----------|------------------|-------------------|----------------|
| | AC | | | | General Purpose | Explosionproof |
| | Watts | VA Holding | VA Inrush | | AC | AC |
| F | 15.4 | 27 | 160 | 32 to 115 | 099257 | - |

Standard Voltages: 24, 120, 240 volts AC, 60 Hz (or 110, 220 volts AC, 50 Hz).

Solenoid Enclosures

Standard: RedHat® Type 1 General Purpose.
Optional: RedHat® Type 3R Rainproof (prefix "R").



Approvals:

UL listed Shutoff Valve.
 FM Approved Oil Safety Shutoff Valves
 CSA Electrically Operated Valves

Specifications (This valve construction is only capable of 3-way operation. DO NOT PLUG or RESTRICT BYPASS PORT.)

| Pipe Size (ins.) | Orifice Size (ins.) | CV Flow | Operating Pressure Differential (psi) Fuel Oil up to 1500 SSU ② | | Max. Temp. °F | | ① Inlet Positio | Standard Solenoid Enclosure Redhat Type 1 Junction Box Catalog Number | Const. Ref. | Approvals | | | Watt Rating/ Class of Coil Insulation AC |
|--|---------------------|---------|--|------|---------------|---------|-----------------|--|-------------|-----------|----|-----|--|
| | | | Min. | Max. | Fluid | Ambient | | | | UL | FM | CSA | |
| NORMALLY CLOSED (Closed when de-energized) Aluminum Body with NBR Seating | | | | | | | | | | | | | |
| 3/8 | 1/4 | 1.0 | 0 | 100 | 265 | 115 | A | 8377 001 | 1 | ○ | ○ | ○ | 15.4/F |
| 3/8 | 1/4 | 1.0 | 0 | 100 | 265 | 115 | B | 8377 003 | 1 | ○ | ○ | ○ | 15.4/F |
| 3/8 | 1/4 | 1.0 | 0 | 100 | 265 | 115 | C | 8377 005 | 1 | ○ | ○ | ○ | 15.4/F |
| 3/8 | 1/4 | 1.0 | 0 | 100 | 265 | 115 | D | 8377 013 | 1 | ○ | ○ | ○ | 15.4/F |
| 1/2 | 1/4 | 1.0 | 0 | 100 | 265 | 115 | A | 8377 007 | 1 | ○ | ○ | ○ | 15.4/F |
| 1/2 | 1/4 | 1.0 | 0 | 100 | 265 | 115 | B | 8377 009 | 1 | ○ | ○ | ○ | 15.4/F |
| 1/2 | 1/4 | 1.0 | 0 | 100 | 265 | 115 | C | 8377 011 | 1 | ○ | ○ | ○ | 15.4/F |
| 1/2 | 1/4 | 1.0 | 0 | 100 | 265 | 115 | D | 8377 015 | 1 | ○ | ○ | ○ | 15.4/F |

○ = Safety Shutoff Valve. ① Before ordering, refer to Diagram A below for description of inlet positions.
 ② Valve intended for burner control with low pressure drop when energized. For other applications, be sure pressure drop when energized does not exceed 65 psi.

Dimensions: inches

