

MODEL FS  
FLOW SWITCH



Flow Switches are used to prove that fuel oil is flowing. Typically used on the outlet of a duplex pump set to prove that flow is established, if not a second pump is typically started. Flow switches may also be found on fill manifolds to prove oil is flowing into a particular day tank. The standard unit is pictured with an optional “Tee”, but a low flow unit is also available for low flows of less than 45gph and is filed adjustable (see table).

These units are designed for use with fuel oil (diesel).

**Model FS Specifications:**

- Vane Material - 301SS
- Body - Brass
- Temperature limits: -4 to 220 degrees F
- Pressure limits: 1000psi
- Enclosure Rating: Weatherproof and Explosion Proof, Listed with UL and CSA for Class 1, Groups A, B, C, and D, Class II Groups E,F, and G
- Switch Type: SPDT
- Electrical Rating: UL Models 5A at 125/250VAC
- Electrical Connections: UL models, 18 AEG, 18 inches.
- Conduit Connection: 3/4” male NPT
- Set Point is adjustable by trimming the paddle, normally factory set
- Mounting Orientation: Normally in the horizontal position, please consult factory for other orientations.
- Weight: 2 to 6 pounds depending on size



Model Number	Size (with Tee – Inches)	Typical Flow Range (gph)
FS-050	1/2	145 - 215
FS-075	3/4	270 - 400
FS-100	1	550 - 610
FS-150	1.5	650 - 1730
FS-200	2	2740 - 3050
FSLF-050	½ integral body	30 - 45

**Please consult with the factory for proper sizing of both the switch and the line sizing.**