

## DESCRIPTION

- Side-mount flange fits most brands of filter separators
- Pilot float "rides" the interface between water and fuel
- Four-way control to actuate discharge slug valve and/or automatic water drain valve
- Uses time-proven 800 pilot block (see Model Sheet 800)
- Stainless Steel pilot and float assembly (no red metals)
- Manual tester standard
- Factory tested

The Model 800D side-mounted filter separator float allows only the discharge of clean, water-free fuel from the filter separator. The three models are as follows:

MODEL	PART NUMBER	FLANGE MATERIAL	PILOT/FLOAT ASSEMBLY
800D-5MT	230767	Ductile Iron, Epoxy-Coated	Stainless Steel
800D-6MT	230794	Stainless Steel	Stainless Steel
800D-8MT	230567	Aluminum	Stainless Steel

**POWER:** Filter separator vessel pressure

**ACCELERATOR VALVE:** Bonnet of accelerator pilot on discharge slug valve

**WATER DRAIN:** Bonnet of automatic water drain valve

**EXHAUST:** Atmospheric drain line

## OPERATION

The float of the 800D is counterweighted so that it will float in water, but sink in fuel. Depending on the water level in the filter separator, the 800D actuates the other control components in the system as follows:

FLOAT POSITION	DISCHARGE (SLUG) VALVE	WATER DRAIN VALVE (if equipped)
DOWN (No Water)	OPEN	CLOSED
MEDIAN (Rising Water)	OPEN	OPEN
UP (High Water)	CLOSED	OPEN

Actuating the manual tester will raise the float to the median or up positions, confirming the proper operation of the pilot, slug valve, and/or the water drain valve.

### MAXIMUM PRESSURE:

(at 100°F/37.78°C)

300 psi (20.7 bar)

### OPERATING

### TEMPERATURE:

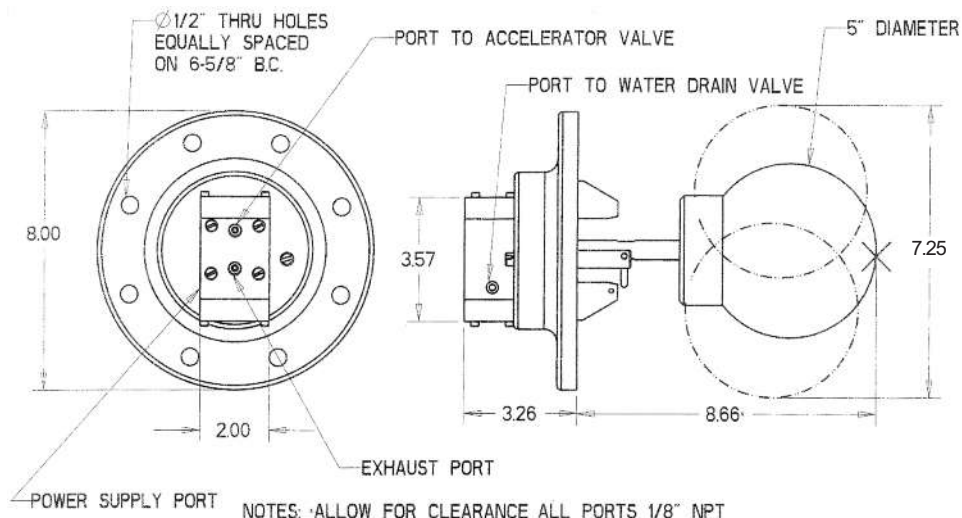
32°-120°F

(0°-49°C)

### MAXIMUM FUEL

### SPECIFIC GRAVITY:

0.85



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