



Model 800D



Float Pilots



General representation



Fueling



Aviation
Fueling

Interface Float Pilot – Side Mounted

Description

The OCV 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

Certification & Compliance



Features & Benefits

- 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

Operation

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.

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

Float Position	Discharge (Slug) Valve	Water Drain Valve
Down (no water)	Open	Closed
Median (rising water)	Open	Open
Up (high water)	Closed	Open

Maximum Pressure: 100°F / 37.78°C, 300 psi (20.7 bar)

Operating Temperature: 32° - 120°F (0° - 49°C)

Maximum Fuel Specific Gravity: 0.85

