

Specifications

- Model: 708-690 Series
- Type: Class I Automatic Overfill Shutoff Device—Gravity Fill Only
- Size: Fits through 4" schedule 40 (DN 100) pipe
- Flow rate: 25-370 GPM (93-1400 LPM)
- Static pressure rating: 30 PSI (2.0 bar) MAX
- Compatibility: Liquid petroleum fuel blends (E0-E85, B0-B20)

Valve operation

The Franklin Fueling Systems (FFS) model 708690 Series Overfill Prevention Valve (OPV) is designed with a primary shutoff that activates between 85 and 92% of tank volume, depending on the tank diameter. When the primary shut-off is actuated, the flow through the OPV is limited to less than 8 GPM (30 LPM). A secondary, positive shutoff happens at 95% tank volume if you continue filling. After primary shutoff, you can still drain the delivery hose, but you must be extremely careful and follow these steps:

1. Close the truck bottom loading valve.
2. Wait 5 minutes
3. Partially open the coupler between the delivery hose and the bottom loading valve and allow the hose to drain.

NOTE: Shutoff points are affected by the specific gravity of the stored liquids. These instructions are based on the average performance of all products. The OPV was designed to be only an emergency overfill prevention device.

NOTE: Determine if the underground storage tank has a ball float vent valve. If it does, make sure the nipple portion does not extend more than 3" (76.2 mm) into the tank.