

### Fill Limit Valves (FLV)

- FLVs are used to establish ullage (airspace) in the tank and help prevent overfilling.
- Perko FLVs connect to 5/8" hose. They are designed to vent to vented fuel fills and not directly to canisters.
- Mounting options for tank mounted FLV's include flanged (for plastic tanks), threaded, welded and swivel (for metal tanks).
- Swivel valves include valve, valve housing, o-ring, snap ring and tank insert.
- Distant sensing (DFLV) versions are available for both plastic and metal tanks on a custom basis.
- Custom ullage set points are available. Contact the factory for details.

### Technical Information

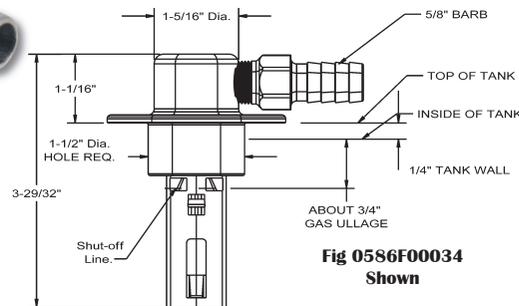
- For use on plastic or aluminum tanks
- Hose Connection - 5/8"
- Flow > 70 l/min @ 0.25 kPa.
- Flow without corking > 130 l/min.
- Minimum reopening pressure: 0.5 kPa



**Fig. 0586F00 Flanged Fill Limit Valve (FLV)**

#### CONSTRUCTION:

- Machined Aluminum
- Blue Polymer Valve
- Standard ullage depths range from 3/8" to 1-1/2"
- Matches the SAE 5-bolt level sender flange
- Gasket is not included
- For mounting on aluminum or plastic tanks



**Fig 0586F00034 Shown**

### Technical Information

Catalog No.	Length Inches	Width Inches	Projection Inches	Ullage Depth Inches	Hose Connection Inches	Bolt Circle Inches	Mounting Hole Dia. Inches
0586F00038	3-17/32	2-3/4	1-1/16	3/8	5/8	2-1/8	1-1/2
0586F00012	3-21/32	2-3/4	1-1/16	1/2	5/8	2-1/8	1-1/2
0586F00034	3-29/32	2-3/4	1-1/16	3/4	5/8	2-1/8	1-1/2
0586F00118	4-9/32	2-3/4	1-1/16	1-1/8	5/8	2-1/8	1-1/2
0586F00112	4-21/32	2-3/4	1-1/16	1-1/2	5/8	2-1/8	1-1/2

### Ordering Information - OEM Bulk Pkg. 10 Pcs.

Catalog No.	Style	Ullage Depth Inches*	Collar	For Use on Tank Type	Angle Port	Fire Test Capable	Shipping Weight Lbs.
0586F00038	Flanged	3/8	No	Plastic or Alum	90°	Yes	3.5
0586F00012	Flanged	1/2	No	Plastic or Alum	90°	Yes	3.5
0586F00034	Flanged	3/4	No	Plastic or Alum	90°	Yes	3.8
0586F00118	Flanged	1-1/8	No	Plastic or Alum	90°	Yes	4.4
0588F00112	Flanged	1-1/2	No	Plastic or Alum	90°	Yes	4.8

\*Note: Longer shut-off heights in 1/2" increments are generally available up to 5-1/2". For custom heights, contact the factory.