



2

CONSTRUCTION:

- White polymer valve with black polymer flapper
- Valves designed for use with plastic or metal tanks
- Perko's "Flapper Valve" fits inside the fuel hose or inlet fitting itself
- Eliminates the need to retool existing doghouse on plastic tanks
- Allows for full 18 gpm flow rates

Fig. 0635 Fill Hose Insert Inlet Check Valves (ICV)

- These in-hose ICVs mount inside standard 1½" or 2" fill hose near the connection to the fuel tank



Fig. 0635
for 1-1/2" Hose



Fig. 0635
for 2" Hose (Diesel)

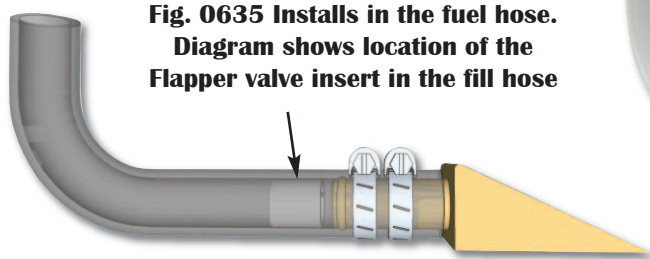


Fig. 0635 installs in the fuel hose. Diagram shows location of the Flapper valve insert in the fill hose



Fig. 0636 Fill Pipe Insert Inlet Check Valves (ICV)

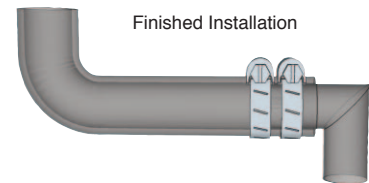
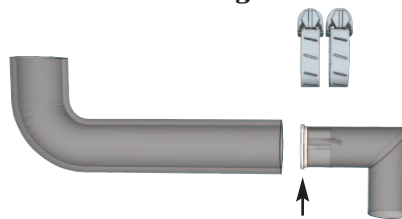
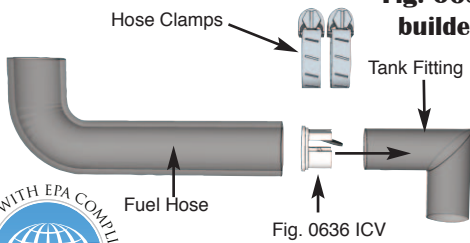
- This ICV mounts inside standard 1½" tank fill inlet fittings (1-3/8" I.D.)
- Replaces in-line ICVs, eliminating 4 hose clamps & 2 leak points

Fig. 0636
Shown installed in inlet fitting

Fig. 0636
for 1-1/2" Inlet Fittings



Fig. 0636 is installed by the tank builder in the Fuel Inlet Fitting



Ordering & Technical Information

Recommended Use	Hose Connection	Length Inches	Width Inches	Fire Test Capable	Dealer Pkg. 5 Pcs.	OEM Bulk Pkg. 25 Pcs.	Shipping Weight Lbs. DP/OEM Bulk.
Gasoline Systems	1-1/2	1-1/4	1-9/16 Dia.	Yes	0635DP0	0635000	0.6/2.0
Diesel Systems	2	1-1/4	1-15/16 Dia.	Yes	0635DP2*	0635002*	1.0/2.5
Gasoline Systems	1-1/2	7/8	1-1/2 Dia.	Yes	0636DP0*	0636000*	0.4/1.5

* New Item



STANCHION TUBES AND SPECIAL APPLICATION INLET CHECK VALVES (ICV)

Fig. 0638 Stanchion Tubes

For use with Diesel tank systems to set ullage depth

- Pick up tube can be cut to adjust tank ullage

CONSTRUCTION:

- Aluminum

OPTIONS:

- 3/4" Threaded NPTF
- SAE 5 bolt Flanged (Cork gasket included)

Technical Information

- For use on polymer or aluminum tanks
- Hose Connection: 5/8"
- Projection above tank: 1-5/8"
- Max length below tank surface 4"
(Installer cuts to length as needed)



Fig. 0638F



Fig. 0638T

Ordering & Technical Information - OEM Bulk Pkg 10 Pcs.

Style	Catalog No.	Hose Connection	Tank Connection	Max Length Below Surface (Inches)	Shipping Wt. Lbs. OEM Bulk Pkg.
Flanged	0638F00400	5/8	SAE 5 Bolt	4	2.5
Threaded	0638T00400	5/8	1/2" NPTF	4	2.5



Special Application Inlet Check Valves (ICV) (Also see page E-8)

- ICVs are used to help prevent wellback (the reverse flow of fuel out of the fill after refueling is completed) & spitback. These normally closed valves are opened by the presence of fuel running down the fill pipe during refueling.
- All Perko inlet check valves are designed to handle incoming fuel flows in excess of 18 gallons per minute.
- Inlet check valves can be tank mounted or inserted into the fill pipe.
- Mounting options for tank mounted ICVs include flanged (for plastic tanks), threaded, welded or swivel (for metal tanks).
- Custom ICVs are also available for specialized applications



CONSTRUCTION:

- Machined aluminum
- White polymer valve
- Valves designed for mounting on aluminum tanks
- Mounting options – Welded or 1 1/2" NPTF Threaded
- Aluminum tank ICVs can be factory cut to 22 1/2° or 45° angles so that tank builder can form & weld 45° and 90° elbows.

0° Angle



90° Angle



Technical Information

- For use in polymer or aluminum tanks
- Hose Connection: 1-1/2"
- Maximum fuel leakage is 0.5 cc/m at 12.5 & 149 kPa.
- Custom lengths available



Fig. 0584F00
0° Flanged



Fig. 0584F90
90° Flanged



Fig. 0584S4500A
45° Swivel



Fig. 0584S0000A
0° Swivel



Fig. 0584T00
0° NPTF



Fig. 0584T 1-1/2" NPTF Threaded Inlet Check Valve (ICV)

Fig. 0584S0A Swivel Inlet Check Valve (ICV)

- For mounting on metal tanks

Fig. 0584F Flanged Inlet Check Valve (ICV)

- For mounting on plastic or aluminum tanks
- Gasket not included

CONSTRUCTION:

- Machined or Cast Aluminum
- White Polymer Valve
- Available with 0°, 45° or 90° hose barb connection
- Swivel Valves include valve, valve housing, o-ring, snap ring and tank insert
- Fire test capable

Technical Information

Catalog No.	Length Inches	Width Inches	Projection Inches	Hose Connection Inches	Bolt Circle Inches	Mounting Hole Dia. Inches
0584T90	4	2-3/4	2-1/16	1-1/2	N/A	1-1/2 NPTF
0584T45	4	2-1/2	2-1/16	1-1/2	N/A	1-1/2 NPTF
0584T00	3-3/4	1-29/32	2	1-1/2	N/A	1-1/2 NPTF
0584F90	3-27/32	4-3/8	2	1-1/2	3-3/4	3
0584F45	4-31/32	4-3/8	3-1/8	1-1/2	3-3/4	3
0584F00	4-27/32	4-3/8	2-3/8	1-1/2	3-3/4	3
0584S9000A	4-7/8	2-3/4	2-5/16	1-1/2	N/A	2-1/4
0584S4500A	6	2-3/4	3-7/16	1-1/2	N/A	2-1/4
0584S0000A	5-1/4	2-3/4	2-11/16	1-1/2	N/A	2-1/4

Ordering Information - OEM Bulk Pkg. 10 Pcs.

Catalog No.	Style	Collar	For Use on Tank Type	Hose Connection Inches	Angle/Port	Fire Test Capable	Shipping Weight Lbs.
0584T90	NPTF, Threaded	No	Aluminum	1-1/2	90°	Yes	13.6
0584T45	NPTF, Threaded	No	Aluminum	1-1/2	45°	Yes	11.2
0584T00	NPTF, Threaded	No	Aluminum	1-1/2	0°	Yes	4.8
0584F90	Flanged	No	Plastic or Alum	1-1/2	90°	Yes	11.0
0584F45	Flanged	No	Plastic or Alum	1-1/2	45°	Yes	10.0
0584F00	Flanged	No	Plastic or Alum	1-1/2	0°	Yes	9.2
0584S9000A	Swivel	Yes	Aluminum	1-1/2	90°	Yes	9.6
0584S4500A	Swivel	Yes	Aluminum	1-1/2	45°	Yes	8.2
0584S0000A	Swivel	Yes	Aluminum	1-1/2	0°	Yes	7.6