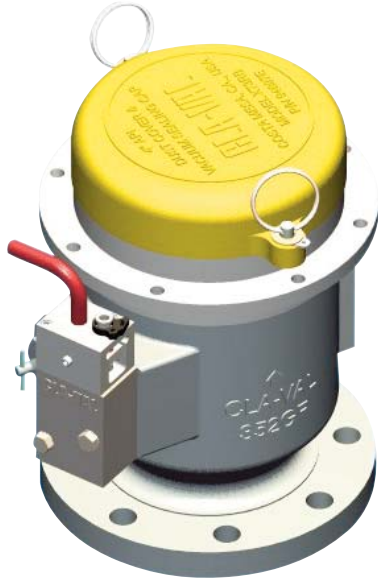




— MODEL — **352GF**

Hydrant Pit Valve



- **Conforms to API Bulletin 1584 Third Edition**
- **Pneumatic or Manual Deadman operated**
- **Optional Manual Override for the Pneumatic Deadman Version**
- **Optional Excess Flow Shut-off for Both the Pneumatic and Manual Deadman Versions**
- **Body of Ductile Iron and Stainless Steel – No Aluminum**
- **Fits Within 13 Inch Diameter Pits**
- **Three Year Warranty**

The Model 352GF Hydrant Pit Valve is a Deadman operated on-off valve designed for use in aircraft refueling. It typically bolts to the terminus of an underground fuel delivery piping system and qualifies as the final shut-off device for such systems per NFPA 30.

The outlet of the Model 352GF Hydrant Pit Valve can be connected to by any 4 inch API style hydrant pit coupler, such as the Cla-Val model 351GF-15 Hydrant Coupler and 353GF Pressure Control Coupler. It conforms to, or exceeds, the requirements of API 1584, third edition.

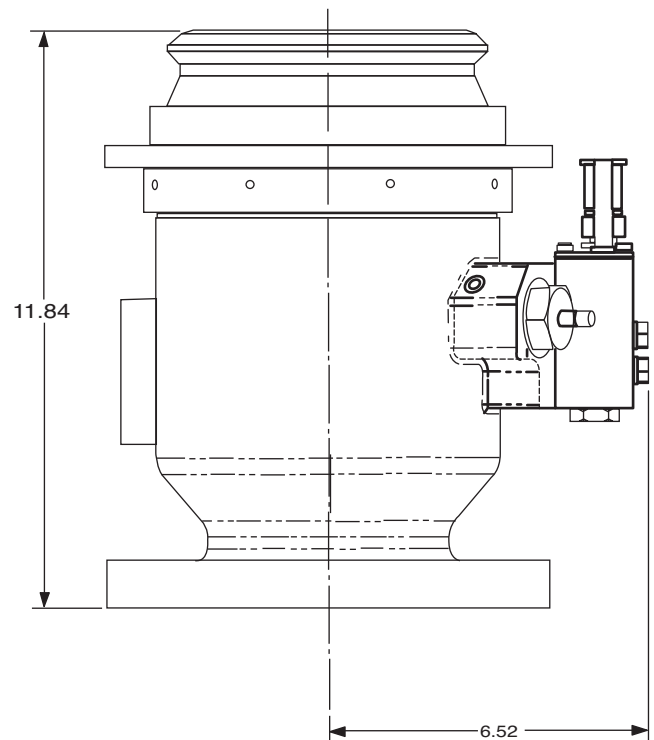
The Model 352GF Hydrant Pit Valve can be ordered with either a Manual Deadman Pilot or a Pneumatic Deadman Pilot. When fitted with a Pneumatic Pilot, an optional Manual Override can be added to provide a way to close the Pit Valve even with Deadman air pressure actively applied.

The upper body of the Model 352GF Hydrant Pit Valve that conforms to the API third edition profile is made of hardened Stainless Steel. The lower body is made of Ductile Iron. Aluminum is not used for these critical pressure containing components. By utilizing Stainless Steel and Ductile Iron only, the Model 352GF Hydrant Pit Valve completely conforms to the requirements of NFPA 30 for use as a pipeline terminus valve in underground pits.

The Model 352GF Hydrant Pit Valve is a piston style, pilot operated valve. It incorporates a servicing valve which allows for the removal of the pilot for service without the need to de-pressurize the delivery system.

The Model 352GF Hydrant Pit Valve is small enough to fit into a 13 inch pit box with the use of an offset adapter plate.

Dimensions (inches)





— MODEL — **352GF**

Hydrant Pit Valve

Materials Specification

Body Material
API Adapter
Pilot Valve
Seals
Internal Treatment of Body
Treatment of Poppet
Treatment of Piston
Cap
Corrosion Protection

Ductile Iron ASTM A536 65-45-12
Stainless Steel (Grade 410 - hardened to Brinnell 345/365)
Aluminum
Nitrile and Fluorocarbon
Electroless Nickel-Plated to MIL-C-26047 (4 to 6mm penetration)
Hard Anodized
Hard Anodized
Polyurethane Company
Electroless Nickel-Plated to MIL-C-26047 (4 to 6mm penetration)

Warranty: Three Years

CLA-VAL WARRANTY
3 Year Warranty on Cla-Val Quality Products

This is a Limited Warranty

Automatic valve and controls are manufactured by Cla-Val and warranted for three years from date of shipment against manufacturing defects in material and workmanship that develop in the service for which they are designed, provided the products are installed and used in accordance with all applicable instructions and treatment provided by Cla-Val. Electronic components manufactured by Cla-Val are warranted for one year from the date of shipment.

We will repair or replace defective material, free of charge which is returned to our factory, transportation charges prepaid, provided that after inspection the material is found to have been defective at time of shipment.

The warranty is expressly conditioned on the purchaser's giving Cla-Val immediate written notice upon discovery of the defect.

Components used by Cla-Val, but manufactured by others, are warranted only to the extent of the manufacturer's guarantee.

This warranty shall not apply if the product has been altered or repaired by others, and Cla-Val shall make no attempt or claim for such repair or alteration unless authorized in writing by Cla-Val.

Disclaimer of Warranties & Limitation of Liability

The foregoing warranty is exclusive and in lieu of all other warranties and representations, whether expressed, implied, oral or written, including but not limited to, all implied warranties of merchantability or fitness for a particular purpose. All such other warranties and representations are hereby disclaimed. Cla-Val shall not be liable for any incidental or consequential loss, damage or expense arising directly or indirectly from the use of the product. Cla-Val shall not be liable for any damage or charge for labor or expense in making repairs or adjustments to the product. Cla-Val shall not be liable for any damage or charge incurred by the adaptation or use of the engineering, design or service.

No representative of Cla-Val may change any of the foregoing or assume any additional liability or responsibility in connection with the product.

The liability of Cla-Val is limited to material replacement F.O.B. Newport Beach, California.

<p>CLA-VAL P.O. Box 1325 Newport Beach, CA 92659-0325 Phone: 949-722-4800 Fax: 949-548-5441 E-mail: cla-val@cla-val.com</p>	<p>CLA-VAL, EUROPE Cla-Val Europe GmbH Königsplatz 1 42699 Solingen Germany Phone: +49 2124 9200 Fax: +49 2124 92010 E-mail: cla-val@cla-val.com</p>	<p>CLA-VAL, ASIA Cla-Val (Singapore) Pte. Ltd. 100 Robinson Road Singapore 068903 Phone: +65 6336 1200 Fax: +65 6336 1201 E-mail: cla-val@cla-val.com</p>	<p>CLA-VAL, FRANCE Cla-Val France S.A. 2000000000 ZAC de la Vallée F-42100 St-Genès France Phone: +33 477 62 40 00 Fax: +33 477 62 40 01 E-mail: cla-val@cla-val.com</p>
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Ordering Information

Option letters and numbers may be combined with the basic unit, except as noted, to customize the valve to fit specific installation requirements.

Option	Description
4	Pit Valve 4" Inlet ANSI 150
6	Pit Valve 6" Inlet ANSI 150
A	Air Pilot
D	Air Pilot with Defuel
F	Fusible Plug Assembly
M	Manual Pilot
O	Air Release
R	Adapter Assembly 4" X 6"
S4	Stone Guard 4" with Snap Ring
S6	Stone Guard" with Snap Ring
I	20 Mesh Strainer 4" and 6"

Ordering Example

Model # 352GF-4AOS4

Standard pit valve with 4" inlet flange ANSI 150 with pneumatic operated pilot valve and lanyard override s/w stone guard on inlet

