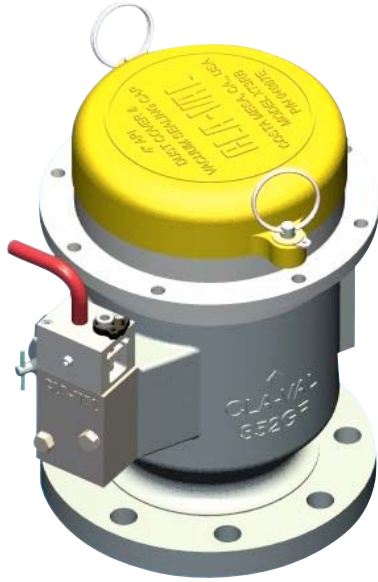




— MODEL — **352GF**

# 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.

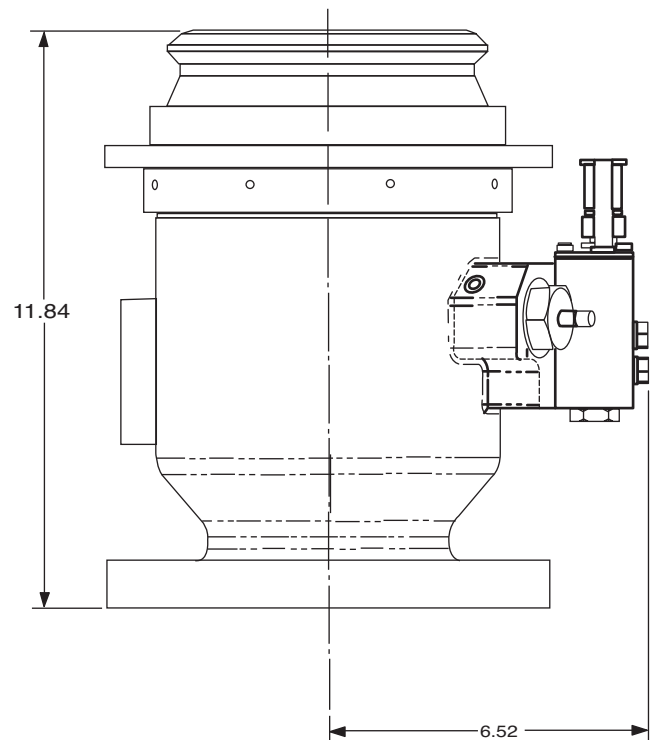
The Model 352GF Hydrant Pit Valve can be ordered with either a Manual Deadman Pilot or a Pneumatic Deadman Pilot. When fitted with a Pneumatic Pilot, an optional Manual Override can be added to provide a way to close the Pit Valve even with Deadman air pressure actively applied.

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

## 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.

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

**This is a Limited Warranty**

Automatic valves and controls manufactured by Cla-Val are 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 allowance or credit 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 charges incurred in the shipment or use of the foregoing data and services.

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><b>CLA-VAL</b> P.O. Box 1325 Newport Beach, CA 92659-0325 Phone: 949-722-4800 Fax: 949-548-5441 E-mail: claval@cla-val.com</p>	<p><b>CLA-VAL CANADA</b> 1000 Highway 10 Scarborough, Ontario Canada M1V 4Y7 Phone: 416-291-2400 Fax: 416-291-2400 E-mail: claval@cla-val.com</p>	<p><b>CLA-VAL EUROPE</b> Claydon Way, Westleigh Chichester, West Sussex PO19 1 United Kingdom Phone: +44 (0)1243 830000 Fax: +44 (0)1243 830000 E-mail: claval@cla-val.com</p>	<p><b>CLA-VAL ASIA</b> Claydon Way, Westleigh Chichester, West Sussex PO19 1 United Kingdom Phone: +44 (0)1243 830000 Fax: +44 (0)1243 830000 E-mail: claval@cla-val.com</p>	<p><b>CLA-VAL AUSTRALIA</b> 2000 Clayton Road Clayton, Victoria 3168 Australia Phone: +61 (0)3 9594 1100 Fax: +61 (0)3 9594 1100 E-mail: claval@cla-val.com</p>
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### Option

4  
6  
A  
D  
F  
M  
O  
R  
S4  
S6  
I

### Description

Pit Valve 4" Inlet ANSI 150  
Pit Valve 6" Inlet ANSI 150  
Air Pilot  
Air Pilot with Defuel  
Fusible Plug Assembly  
Manual Pilot  
Air Release  
Adapter Assembly 4" X 6"  
Stone Guard 4" with Snap Ring  
Stone Guard" with Snap Ring  
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

## Typical Application

