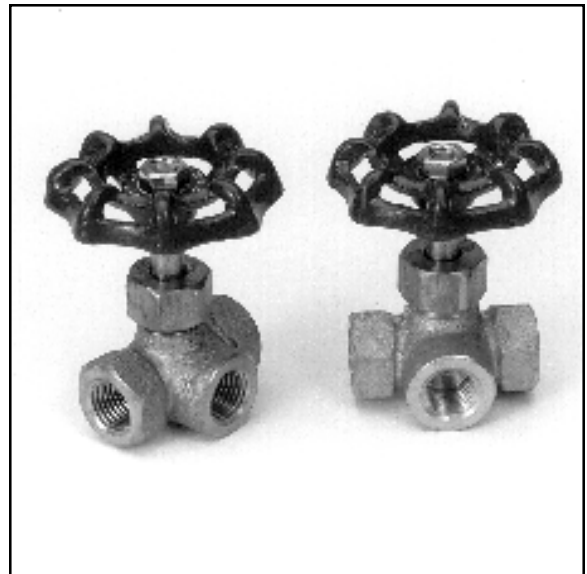


# Three-way Bronze Valve, 1/4" IPS



## Description

The 1/4" IPS three-way female threaded valve is used to facilitate the installation of sprinkler system pressure gauges. The valve provides for one inlet and two outlets. This design allows for replacement of the system gauge without shutting down the water supply to the sprinkler system. This design also allows Authority's Having Jurisdiction to test system pressure with an additional gauge through the second outlet. (The second outlet is normally plugged during installation with a 1/4" IPS pipe plug.)

## Installation

Installation of the three-way valves can be accomplished with normal field installation tools. Make sure the valve is installed according to the flow indication arrow that has been cast into the valve body. The most common installation allows for a 1/4" IPS nipple between the valve and the water supply being measured. This assures there will be adequate spacing for the sprinkler system gauge. Use either teflon tape or a suitable pipe thread sealant such as **Pipefit** when installing the valve. **DO NOT OVER TIGHTEN THREADS.**

## Specs

Size:

1/4" IPS

Material:

Body - Bronze

Seat - Brass

Handwheel - Iron

Finish:

Rough brass

Working Pressure:

400 WOG

For questions:

1 800 344-1822

1 800 344-3775 fax

<http://www.fppi.com>

[info@fppi.com](mailto:info@fppi.com)

# TrimFit® Bronze Globe Valve with Teflon\* Seat



## Description

FPPI TrimFit® Bronze Globe Valves are precision cast then machined using state of the art facilities. Each valve features a full floating seat holder for reduced seat wear when closing the valve. Seat is made of pure virgin Teflon\* for longer seat life and reduced maintenance as compared to rubber seat valves. Standard configuration is FNPT x FNPT and is available in 1/4" IPS through 2" IPS sizes.

## Installation

Install in accordance with usual and customary installation techniques for fire sprinkler systems. Use a suitable thread sealant on the male threads of the pipe being threaded into the valve body. We recommend either Teflon®\* tape or PipeFit® Thread Sealant Paste with PTFE. (PTFE is the chemical equivalent of Teflon\*) **DO NOT OVERTIGHTEN. OVERTIGHTENING MAY CAUSE CRACKS OR LEAKS.**

\*Teflon® is a registered trademark of DuPont.

PipeFit®, TrimFit® are registered trademarks of Fire Protection Products, Inc.



## Specs

### Material:

Brass or bronze  
Seat-Teflon\*  
Hand wheel-JIS FC 20 painted red.

### Sizes:

06-798 1/4" IPS FNPT  
06-800 1/2"  
06-802 3/4"  
06-804 1"  
06-806 1 1/4"  
06-808 1 1/2"  
06-810 2"

For questions:  
1 800 344-1822  
1 800 344-3775 fax  
<http://www.fppi.com>  
[info@fppi.com](mailto:info@fppi.com)

# 1/2"-2" IPS Angle Globe Valves, UL Listed\*



Manufactured by: Fire Protection Products, Inc.  
6241 Yarrow Dr., Suite A, Carlsbad, CA 92009-1541

## Description

Manufactured from cast brass, our angle valves are for Trim or Drain applications and are designed to be suitable for all sprinkler system. The soft seat design utilizes NBR Nancar N70 material for positive sealing to 200 psi. The most common use for the 2" IPS size is as a system drain at the riser. May be used on both alarm valve and shotgun type riser assemblies.

\*2" IPS UL Listed, 2R97.

## Installation

Installation of the Trim/Drain valves can be accomplished using normal installation methods. Use a suitable thread sealant such as PipeFit Thread Sealant with Teflon\* or Teflon\*Tape to assure a positive seal between the valves and the installed pipe.

**Caution: Do not over-tighten male threads into the valve body. Thread damage or cracking of the valve body may occur.**

## Specs

### Materials

Cast Brass:  
Body  
Bonnet

Brass ASTM B16:  
Gland  
Holder  
Stem  
Washer

Stainless Steel:  
Nut  
NBR Nancar N70  
Rubber seat  
JIS FC20:  
Hand wheel

### Sizes:

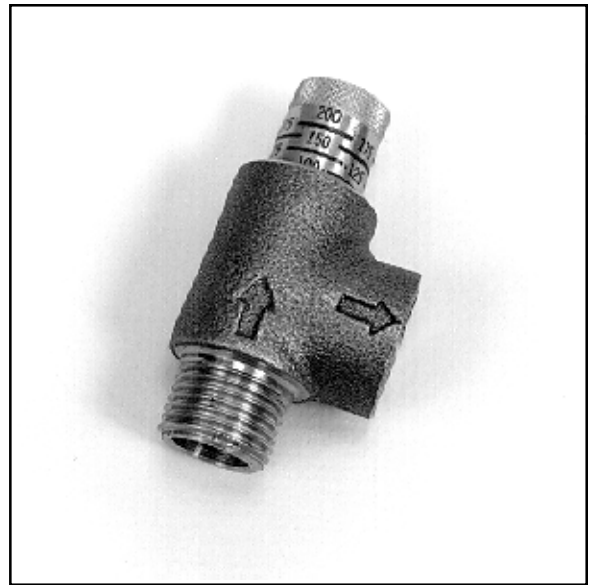
1/2" IPS FxF  
3/4" IPS FxF  
1" IPS FxF  
1 1/4" IPS FxF  
1 1/2" IPS FxF  
2" IPS FxF UL Listed

### For questions:

1 800 344-1822  
1 800 344-3775 fax  
<http://www.fppi.com>

The logo for Fire Protection Products, Inc. (FDDPI) features the letters 'FDDPI' in a bold, stylized, hand-drawn font. A registered trademark symbol (®) is located to the upper right of the 'I'. Below the letters is a thick, curved underline that sweeps from left to right.

# Adjustable Pressure Relief Valve, 1/2" IPS



Fire Protection Products, Inc.  
6241 Yarrow Dr., Suite A, Carlsbad, CA 92009-1541

## Description

Designed for use in grid systems or any sprinkler system where pressure relief is required. The Adjustable Pressure Relief Valve can be adjusted from 75-175 psi. Adjustment to the desired pressure is achieved with the use of an approved fire sprinkler system pressure gauge. The adjustment cap is "diamond" knurled for easy adjustment. The body is cast bronze and marked with directional arrows for proper flow indication. **The pressure markings on the adjustment cap are for reference only. Use the system gauge for proper relief setting.**

## Installation

Installation of the 02-835 Adjustable Pressure Relief Valve is accomplished with tools readily available on the job site utilizing approved installation methods. Use an appropriate thread sealant such as **Pipefit** to prevent leakage. Refer to Authority Having Jurisdiction or NFPA13 for proper installation location in the sprinkler system.

## Specs

Type:

Angle pattern, 1/2"  
IPS

Material

Body: Cast bronze  
Cap: Brass  
Seat packing: rubber

Sizes:

1/2" IPS

Finish:

Rough brass

Dimensions:

3.05" x 1.540" x 1.10"

For questions:  
1 800 344-1822  
1 800 344-1775 Fax

# Swing Check Valve, Full Floating Clapper Assembly



## Description

The bronze swing check valve features a full floating clapper assembly that provides for a positive seal each time the valve is cycled. This feature improves the swing check valves ability to "clear" any debris that may be present in the water supply. The recessed access cap design eliminates unnecessary material, keeping the overall cost of the valve low. The seat material is NBR which provides for a positive seal even under light residual pressures. Note: This valve is not intended to be user serviceable. The recessed cap does not provide access to any serviceable components.

## Installation

The female by female swing check valve should be installed in accordance with commonly used installation practices for the fire sprinkler industry. Proper seal of the threads can be accomplished by applying a liberal amount of PTFE based thread sealant such as PipeFit Thread Sealant Paste or PTFE Tape. Make sure to tighten the valve no more than 1-2 revolutions past initial thread contact of the male and female threads.

**Refer to service instructions on page 2 for clapper/seat replacement.**

**WARNING**  
**DO NOT OVER TIGHTEN.**  
**Over tightening may caused the valve body to crack and leak.**

## Specs

Valve Body:  
Cast Bronze  
(85-5-5-5)  
Clapper Assembly:  
Forged Brass  
Seat:  
NBR (Chloramine Resistant)  
Sizes:  
1/2" IPS- 2" IPS  
Female by female  
Rated Pressure:  
175 Psi

For questions:  
800 344-1822  
800 344-3775 fax  
<http://www.fppi.com>

## **Service Instructions for swing check valve with full floating clapper assembly**

The swing check valve has been designed with a serviceable clapper assembly that can be serviced with the valve left in place. Service would only be required in the event of seat failure or an obstruction caused by the introduction of foreign material in the water way.

To service the FPPI Swing Check Valve with Full Clapper Assembly, shut off the water supply at its' source. Drain water from the system. As a safety precaution, it is recommended that the control valve for the water supply be marked so as to notify all personnell that the system is being serviced and that the water has been shut-off until repairs have been completed.

Once the system is drained, it is safe to remove the access cap from the swing check valve with an adjustable wrench. Use appropriate care when removing the cap as to not cause damage to the access cap or the valve body. Once the cap has been removed the clapper assembly will be in plain view. Simply lift the clapper assembly from its resting place. Before installing the replacement clapper assembly, visually inspect the machined seat surface of the valve to make sure that is clean and free of any foreign materials and that the water ways at each end of the valve are clear of obstruction. To install the replacement clapper assembly, reinsert the new assembly in the same fashion that the original was removed. Make sure the replacement clapper assembly is properly seated and swings freely. Replace access cap. Tighten the access cap until fully seated. It is recommended that a small amount of thread sealant such as PipeFit Thread Sealant with PTFE is used on the threads of the access cap. To assure future serviceability do not use anaerobic or hardening thread sealants.

Visually inspect the area to make sure that all removed parts can be accounted for and the access cap has been reinstalled correctly. The system can now be placed back into service by opening the valve that controls the flow of water to the system.

After the system has been pressurized, visually reinspect the check valve to make sure there are no apparent leaks. Notify appropriate personnel that the system is back in service.

For questions or additional information contact Fire Protection Products, Inc at 1 800 344-1822 or your nearest distributor.

# TrimFit® Brass NRS Gate Valve



## Description

FPPI TrimFit® Brass Gate Valves are precision cast then machined using state of the art facilities. Precision machined gate assembly provides a positive seal when the valve is fully closed. Features a Solid Brass Wedge Disc. Non-rising stem configuration allows for installation in compact spaces and reduced maintenance as compared to OS&Y style valves. Standard configuration is FNPT x FNPT and is available in 1/2" IPS through 2" IPS sizes. Pressure rated to 200WOG. Suitable for use in all trim applications.

## Installation

Install in accordance with usual and customary installation techniques for fire sprinkler systems. Use a suitable thread sealant on the male threads of the pipe being threaded into the valve body. We recommend either Teflon®\* tape or PipeFit® Thread Sealant Paste with PTFE. (PTFE is the chemical equivalent of Teflon\*) **DO NOT OVERTIGHTEN. OVERTIGHTENING MAY CAUSE CRACKS OR LEAKS.**

\*Teflon® is a registered trademark of DuPont.

PipeFit®, TrimFit® are registered trademarks of Fire Protection Products, Inc.



## Specs

### Material:

Cast Brass ASTM B584-C85700:

Body

Bonnet

Disc

Packing Nut

Brass ASTM B16-C36000

Stem

Packing Nut

Gland

Lock Nut

Graphite- Commercial Grade

Gland Packing

Cast Iron A48 CLASS/NO:35

Hand Wheel

Steel AISI-1010

Wheel Nut

06-880 1/2" FNPT x FNPT

06-882 3/4"

06-884 1"

06-886 1 1/4"

06-888 1 1/2"

06-890 2"

For questions:

1 800 344-1822

1 800 344-3775 fax

<http://www.fppi.com>

[info@fppi.com](mailto:info@fppi.com)