

## SPECIFICATIONS

### MODELS 4005

Cast brass valve with rising stem, internal parts of brass and stainless steel. Red aluminum hand wheel. Female N.P.T. inlet and outlet. Listed by Underwriters Laboratories as a checking device.

### MODELS 4032

Cast brass valve with rising stem, internal parts of brass and stainless steel. Red aluminum hand wheel. Female N.P.T. inlet and outlet with monitor switch adapter. Listed by Underwriters Laboratories as a checking device.

### MODEL 4036 & 4038

Brass valve with non-rising stem and indicator bonnet. Internal parts of brass and stainless steel, red alloy handwheel, Female N.P.T. x Male hose threads. Listed by Underwriters Laboratories as a checking device.

## MODEL SELECTION

- 4005 2-1/2" Straight Female x Female
- 4032 2-1/2" Angle Female x Female
- 4036 2-1/2" Straight Female x Female
- 4038 2-1/2" Angle Female x Female

NOTE: The in-line installation of a "REG-U-MATIC" sets up a closed system. A relief valve should be installed to eliminate excessive pressure build up due to line surges.



**RATED  
400 PSI**



MODEL 4005 (Shown)

## PRODUCT OPTIONS

### FINISHES:

- C Rough Chrome Plated

### OPTION:

- MSA Monitor Switch Adapter

### THREADS:

- N.S.T.
- OTHER \_\_\_\_\_

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**4005-4038 SERIES** Date: 06/27/17

**MEMBERSHIP**



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NATIONAL FIRE SPRINKLER ASSOCIATION, INC.



## POTTER ROEMER/FIRE PRO

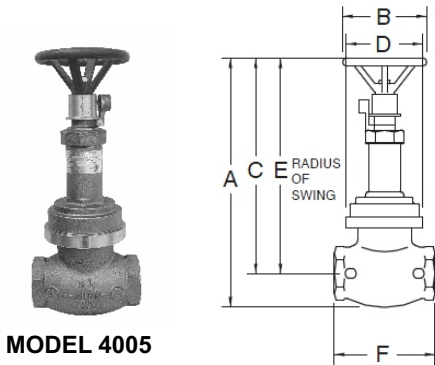
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P.O. Box 3527  
City of Industry, CA  
91744 U.S.A.  
Los Angeles Area  
800-366-3473  
626-855-4890

Also in:  
New York (800) 526-4592  
Chicago (800) 547-3473  
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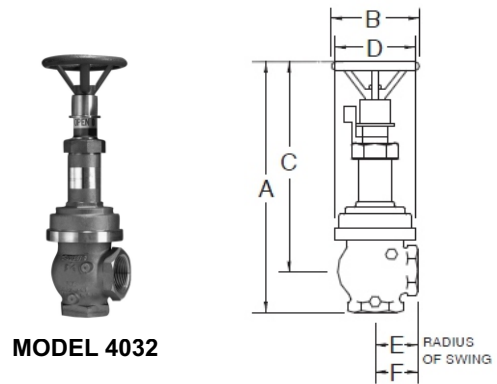
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**MODEL DIMENSIONS**

MODEL 4005															
A Open		A Close		B		C Open		C Close		D		E		F	
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
19-1/2	495	18-1/2	470	6-1/4	159	16-1/2	419	15-1/2	394	5-3/4	146	21	533	7-1/2	191
MODEL 4032															
A Open		A Close		B		C Open		C Close		D		E		F	
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
19-1/2	495	18-1/2	470	6-1/4	159	16-1/2	419	15-1/2	394	5-3/4	146	3-1/2	89	3	76



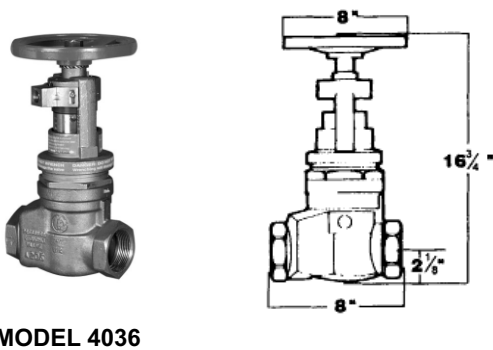
**MODEL 4005**



**MODEL 4032**

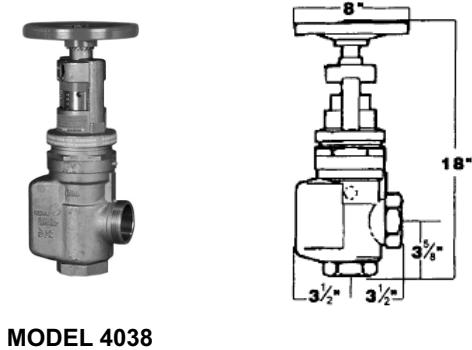
**4005** - 2-1/2" Female N.P.T. inlet and outlet with monitor switch adapter

**4032** - 2-1/2" Female N.P.T. inlet and outlet with monitor switch adapter



**MODEL 4036**

**4036** - 2-1/2" Female N.P.T. inlet and outlet



**MODEL 4038**

**4038** - 2-1/2" Female N.P.T. inlet and outlet

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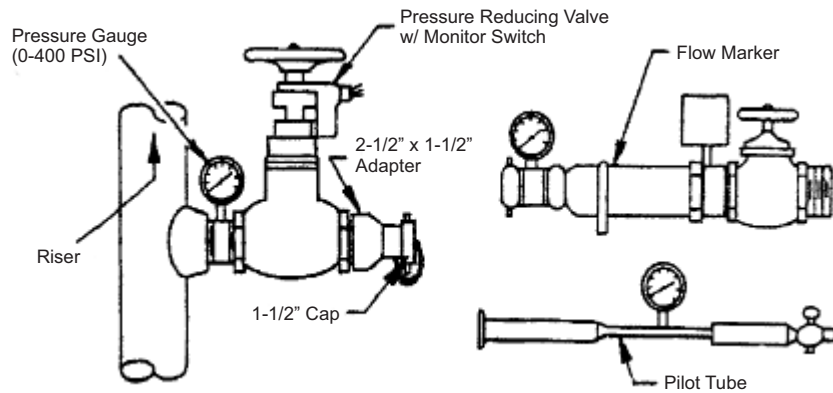
**POTTER ROEMER/FIRE PRO**

Headquarters:  
P.O. Box 3527  
City of Industry, CA  
91744 U.S.A.  
Los Angeles Area  
800-366-3473  
626-855-4890

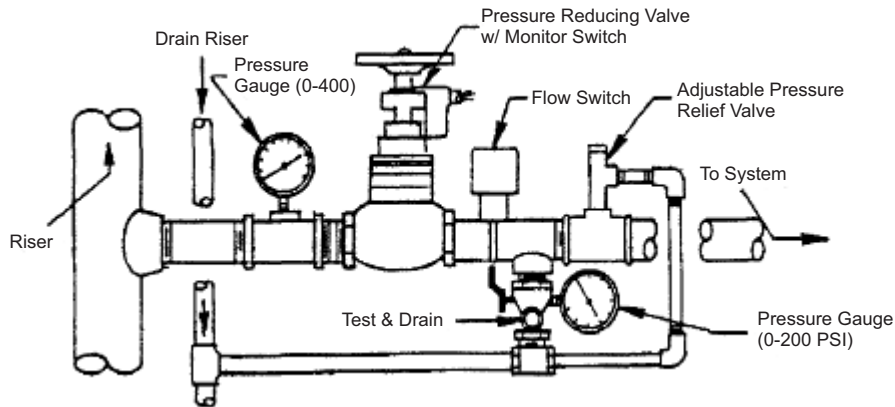
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## Recommended Installation:



Pressure Regulating Hose Connection Valve Installation (Fig No. 4035 Shown)



Pressure Regulating Floor Control Valve Installation

## TESTING AND MAINTENANCE OF PRESSURE REDUCING VALVES

Pressure reducing valves achieve their function by mechanical means, therefore, the valves must be exercised on a routine basis. If the valves are left in a closed position for long periods of time they may not function within their original design parameters. These valves are an integral part of fire safety systems and the testing and maintenance schedule that follow will provide the owner/operator of the property with years of satisfactory service. To neglect these procedures is an invitation to failure when these valves are most necessary.

### Sprinkler Valves

1. Inspect monthly to verify:
  - \*In the open position
  - \*Not leaking
  - \*Maintaining downstream pressures
  - \*Handwheel installed and not broken
  - \*Downstream Pressure relief valve operates
2. Annual flow test conducted on each valve:
  - \*Open the sectional drain valve or test & drain and compare the results with the original installation or acceptance test
  - \*Testing in place:
    - Note Pressure reading on upstream and downstream gauges in static mode with sectional drain valve test & drain open
    - Note pressure readings on upstream and downstream gauges in residual mode
  - \*See Test Result Procedure

### Hose Connection Valves

1. Inspect weekly to verify:
  - \*Handwheel installed and not broken
  - \*The outlet hose threads are not damaged
  - \*Not leaking
  - \*The reducer and/or cap are not missing
  - \*Pressure gauge registers upstream reading
  - \*Monitor switch is operating
2. Annual flow test conducted on each valve:
  - \*Test in place by placing a gauge on the downstream side and a flow reading is taken using a pilot tube or a flow meter
  - \*See Test Result Procedure

### Test Result Procedure Sprinkler Valves & Hose Connection Valves

Readings from the test results are to be compared to the systems hydraulic demands at the location. Field adjustable valves are to be reset if necessary in accordance with the original instructions. Non-adjustable valves that no longer comply with the systems hydraulic demands are to be replaced.