

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 4025 & 4026

Cast brass valve with rising stem, internal parts of brass and stainless steel. Red aluminum hand wheel. Female N.P.T. inlet and outlet. Built in Supervisory Switch. 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.

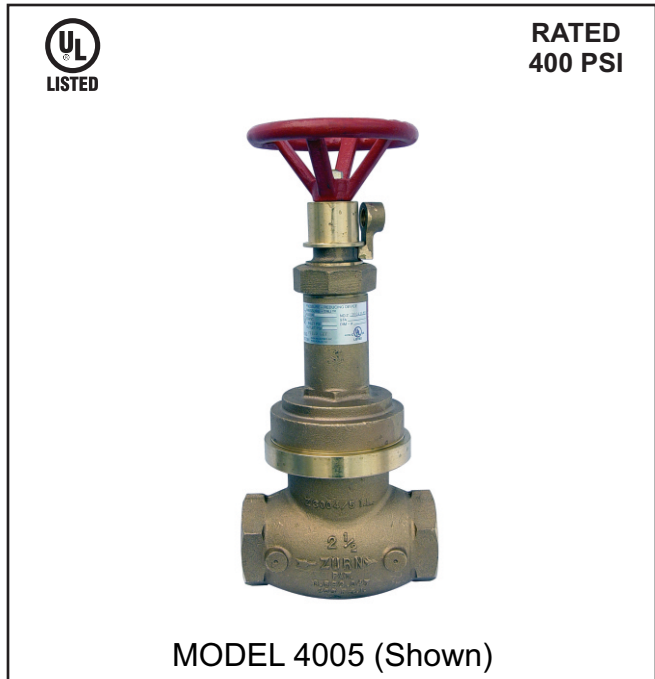
MODEL 4036 & 4038

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
- 4025 2-1/2" Angle Female x Female
- 4026 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.



PRODUCT OPTIONS

FINISHES:

- C Rough Chrome Plated

OPTION:

- MSA Monitor Switch Adapter
- GRV Grooved Connections
- SS Built In Supervisory Switch
(Models 4005 and 4032)

THREADS:

- N.S.T.
- OTHER _____

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4005-4038 SERIES Date: 02/12/20

MEMBERSHIP



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NATIONAL IRRE SPRINKLER ASSOCIATION, INC.



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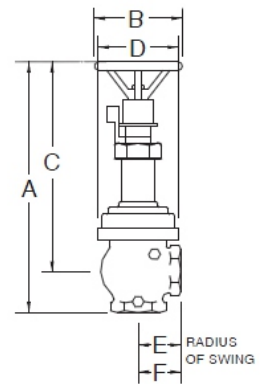
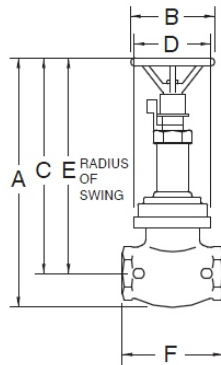
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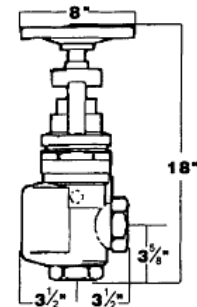
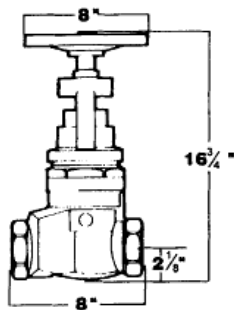
MODEL DIMENSIONS

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



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



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

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

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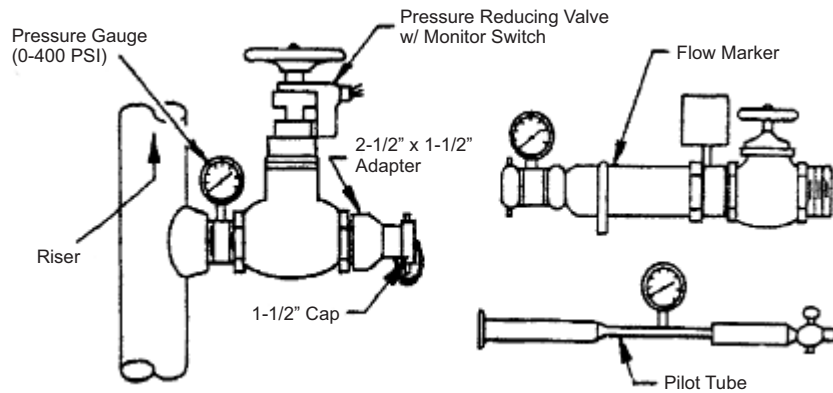
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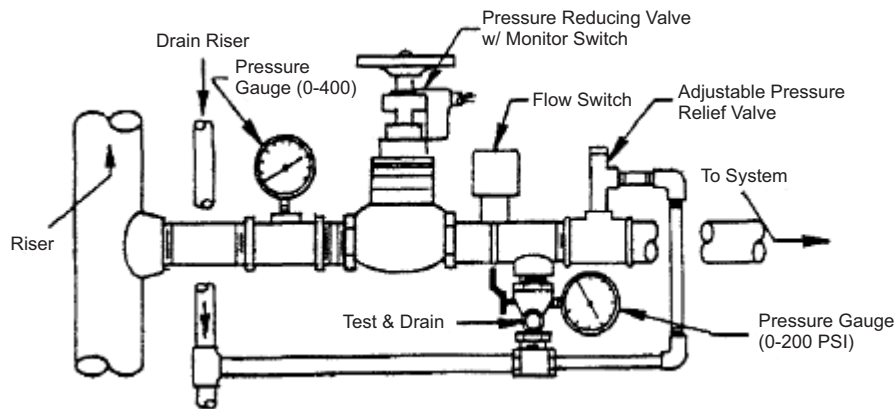
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Recommended Installation:



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.