

## HOW MUCH IS IT COSTING YOU TO ORDER AND USE OTHER PRV'S?

### EXPANDED DESIGNS

- ◆ With one standard PRV-1  
*Your Designer Can Move Onto The Next Project Sooner*
- ◆ Increased Pressure Ranges (80 to 225 psi);  
*Don't Tie Yourself to Factory Set Pressures*
- ◆ Adaptable To Any Installation, Horizontal Or Vertical;  
*Reducing Jobsite Rework*

### SIMPLIFY ORDERING PROCEDURES

- ◆ Pressure Is Field Set Not Factory Set;  
*This Reduces Special Order Lead Time And Costly Order Errors*
- ◆ Field Setting Helps Manage Design Requirements;  
*Less Stock In Your Inventory*

### SIMPLE ORDERING AND DESIGN PROCESS SAVES YOU TIME & MONEY.

The Tyco® PRV-1 valve makes for faster design, more reliable ordering and reduced returns. Saving you time and money, improving your system and helping you move onto the next project faster.

- ◆ Fully FM Approved
- ◆ Durable Rilsan Coated Inside & Out
- ◆ Easy to Maintain – One Piece, One Moving Part Diaphragm

#### PRV-1 Body Style, End Connections & Sizes\*

Body Style	End-to-End Connections	Nominal Valve Sizes				
		2"	3"	4"	6"	8"***
Globe	T X T	◆				
Globe	G X G	◆	◆	◆	◆	
Globe	F X F			◆	◆	◆

\* For North America (United States & Canada) Only.

\*\* US Pat. 6095484

## MODEL PRV-1 250 PSI (17,2 BAR) PRESSURE REGULATING VALVE

2 inch thru 8 inch



### TECHNICAL DATA

**Approvals:** FM Approved, UL Listed

**Maximum Inlet Pressure:** 250 psi (17,2 bar)

**Factory Outlet Set Pressure:** 125 psi (8,6 bar)

**Field Outlet Set Pressure Range:** 80 to 225 psi (5,5 to 15.5 bar) FM only  
80 to 150 psi (5.5 to 10.3 bar) UL

**Rated Flowing Range:**

2"(DN50)	0 to 250 GPM	(0 to 946 LPM)
3"(DN80)	0 to 550 GPM	(0 to 2080 LPM)
4"(DN100)	0 to 1000 GPM	(0 to 3785 LPM)
6"(DN150)	0 to 2200 GPM	(0 to 8325 LPM)
8"(DN200)	0 to 4000 GPM	(0 to 15140 LPM)

**Body:** Rilsan® coated ductile iron

The Rilsan coating is a polyamide (Nylon 11) coating.

**Diaphragm:** Nylon fabric reinforced, natural rubber

**Diaphragm Cover Fasteners:** Galvanized carbon steel

**Pilot Valve:** Brass and stainless steel with nylon fabric reinforced, natural rubber

**Strainer:** Brass and stainless steel

**Tube, Fittings, and Needle Valve:** Copper, brass, and stainless steel

*Always refer to the Technical Data Sheet TFP1580 for complete description of all Listing & Approval criteria, design parameters, installation instructions, care and maintenance guidelines, and our limited warranty.*

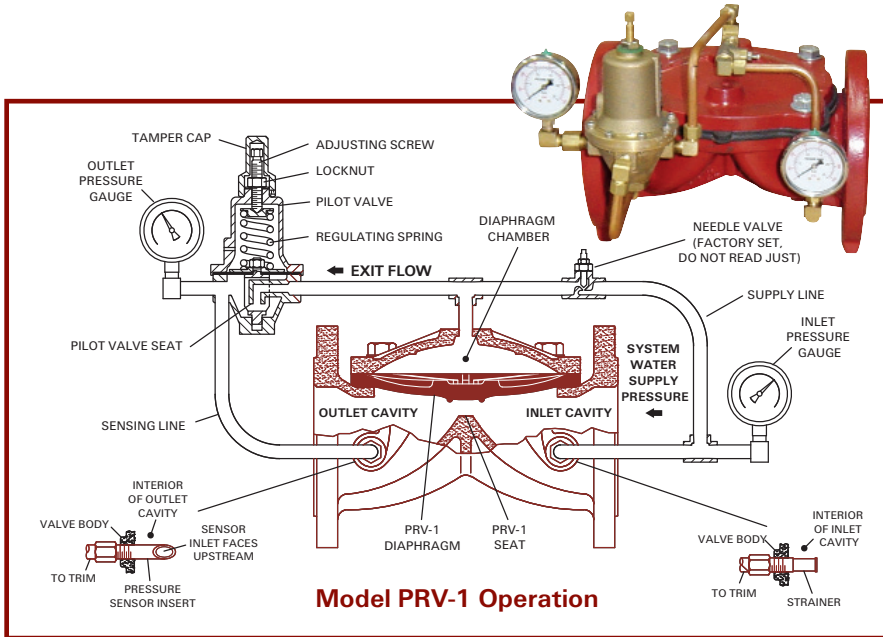
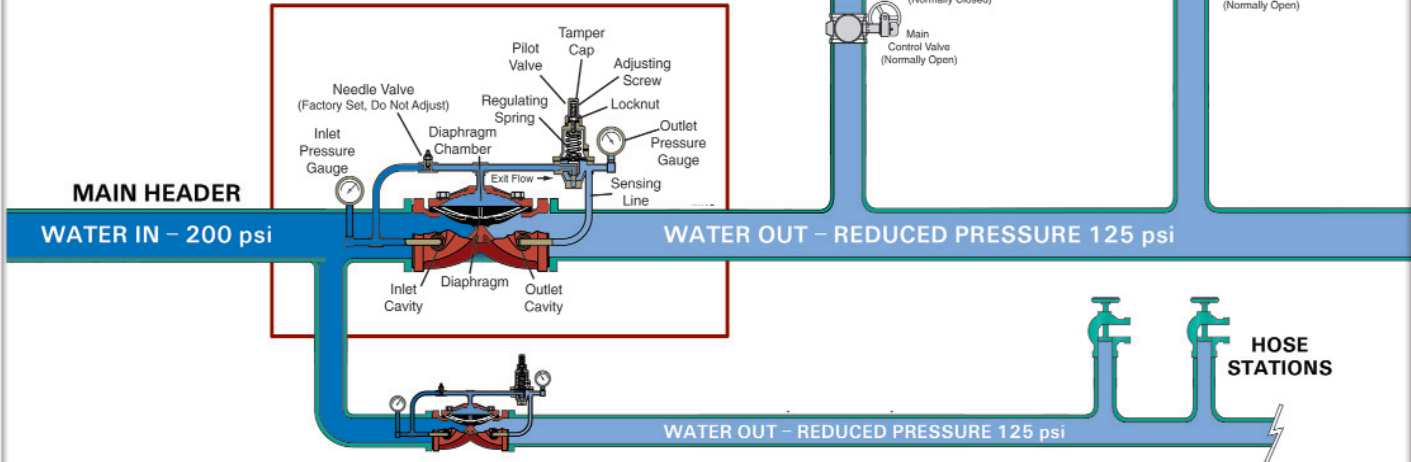
# MODEL PRV-1

# ORDERING PROCEDURE & SPECIFICATIONS

## TWO PRV-1 OPERATING SYSTEM

The top, larger PRV-1 valve is used to reduce pressure at the sprinkler risers. The second, PRV-1 valve is used to reduce water pressure to the hose valves.

- Supply Water under High pressure
- Supply Water under Lower pressure
- Air - Open to Atmosphere
- Air - Under Pressure



### VALVE SIZE & CONNECTIONS\*

*North America Ordering Procedure*

- 2" PRV-1 Globe Body (DN50)**  
Thread x Thread P/N: 52-570-8-060  
Groove x Groove P/N: 52-570-8-920
- 3" PRV-1 Globe Body (DN80)**  
Groove x Groove P/N: 52-570-8-922
- 4" PRV-1 Globe Body (DN100)**  
Groove x Groove P/N: 52-570-8-923  
Flange x Flange P/N: 52-570-8-023
- 6" PRV-1 Globe Body (DN150)**  
Groove x Groove P/N: 52-570-8-925  
Flange x Flange P/N: 52-570-8-025
- 8" PRV-1 Globe Body (DN200)**  
Flange x Flange P/N: 52-570-8-026

\* PRV-1 Globe Body Type is available in the US & Canada. Both PRV-1 Globe and Angle Body Types are available in South America, Center America, and the Eastern Hemispheres.

### Tyco Fire & Building Products

Technical Services

Phone: 800-381-9312

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[www.Tyco-Fire.com](http://www.Tyco-Fire.com)



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