



Fire Protection for Building Services

Products for
Safety & Reliability





Model 90-21 Pressure Reducing Valve for Fire Applications

Automatically reduces a higher inlet pressure to a steady, lower outlet pressure, regardless of flow or inlet pressure fluctuations.

- UL Listed in sizes 1-1/2 - 8"
- ULC Listed in sizes 1-1/2 - 10"
- Globe or Angle Pattern in sizes 1-1/2 - 10"
- Grooved Ends in sizes 1-1/2 - 8"
- Available in Cast Bronze, Ductile Iron and Cast Steel



Model 55L-60 Pressure Relief Valve / Fire Pump Casing Relief Valve

This Direct Acting Valve provides for precise pressure control, operating within very close pressure limits and may be installed in any position, making it ideal for tight locations.

- UL Listed and FM Approved in sizes 1/2 and, 3/4" and UL Listed 1" for use as a fire pump casing relief valve



Model 2050B-4KG1-WC Angle Configuration shown

Model 50B-4KG1-WC Series Fire Pump Pressure Relief Valve with Waste Cone

Modulates upon fire pump start-up to relieve excess capacity, while maintaining positive system pressure at the pump discharge and preventing surge.

- UL Listed in sizes 3 - 8"
- ULC Listed in sizes 2 - 10"
- FM Approved in sizes 3 - 8"
- Waste Cone complies with NFPA Standard 20



Model 50B-5KG Fire Pump Suction Relief Valve

Modulates to prevent pump suction pressure from dropping below a pre-set minimum, ensuring that the pump draw does not exceed the available water supply.

- FM Approved 3 - 8"
- Controlled Closing For System Protection
- Modulates Within 5% of Setting for Accurate Pressure Control
- Pressure Setting Adjustable
- Pressure Setting Not Affected by Pressure at Valve Discharge



Introducing the 90-FS-PRV,
90-PRV and HV-100
Family of Products for
Fire Protection Applications



sizes 1-1/2"
& 2-1/2"

Series 90-FS-PRV Factory Set Pressure Reducing Valve

The valve is in compliance with NFPA for Class II systems and can handle "Flow" and "No Flow" conditions. The valve is rated for systems up to a maximum inlet pressure of 300 psi and can be used as a standpipe valve, floor control valve and a checking device.

- UL & ULC Listed in sizes 1-1/2 and 2-1/2"



Series 90-PRV-175 Pressure Restricting Valve

Features a Cast Brass finish body with Forgeline Bonnet and Seat Assembly. The system water pressure is controlled by adjusting the flow restriction, however is full flow is required the restriction can be overridden. The valve is factory tested to 300 psi (2070 KPa).

- UL & ULC Listed and FM Approved in sizes 1-1/2 and 2-1/2"



sizes 1-1/2"
& 2-1/2"

Series HV-100 Angle Hose Valve

Features a Cast Brass finish body with Forgeline Bonnet and Seat Assembly, Available in a variety of hose threads including BCT, CSA, NSST, NPSH, NST, QST, WCT, Louisville, Cleveland, Chicago, Pittsburg, New Cincinnati, New York Corp, New York Fire Department, Richmond, and Raleigh

- UL & ULC Listed and FM Approved in sizes 1-1/2 and 2-1/2"



sizes 1-1/2"
& 2-1/2"





580 Silent Wafer Check Valve

A spring-loaded poppet allows the valve to close before flow reversal occurs, resulting silent, non-slam closure.

- FM Approved 125/150 Class Valves 4 - 10"



581 Silent Globe Check Valve

The valve's Ductile iron body with stainless steel trim offers watertight shutoff with metal-to-metal seating.

- FM Approved 125/150 Class Valves 4 - 12"



582 Two-Door Check Valve

This valve uses torsion springs to force the doors to shut before flow reversal, reducing the potential for water hammer.

- FM Approved 125/150 Class Valves 4 - 12"
- UL Listed 8 - 12"



33ATD Series Air Release Valve with Throttling Device

Protects fire protection systems by eliminating air and preventing vacuum conditions from forming in the pipeline.

- UL Listed in sizes 2, 3 and 4"



34 Series Air Release Valve

Automatically vents entrained air that collects at high points in a pipeline, preventing against decreased flow capacity and the possibility of complete air blockage and pipe rupture caused by excessive air accumulation.

- UL Listed and FM Approved in sizes 1/2, 3/4 and 1"

Valves for High Rise Fire Protection Systems

Cla-Val Pacific offers a complete range of check valves and strainers for commercial applications including potable water, fire protection and HVAC systems. The durable valves provide precise and reliable service in a wide variety of fluid applications. They complement our other product lines to create a comprehensive suite of control options in high-rise commercial and residential structures.

Model GF50



Resilient Seated, Flanged End Check Valve

- Sizes: DN50 - DN300
- Working Pressure: 14 / 17 / 21
- Meets AWWA C508 Standards

Materials:

- Body: Ductile Iron

Model GG50



Resilient Seated, Grooved End Check Valve

- Sizes: DN50 - DN200
- Working Pressure: 14 / 17 / 21
- Meets AWWA 0508 Standards
- UL/FM Pending

Materials:

- Body: Ductile Iron

Model GF70



Y-Strainer Double Flanged Ends

- Sizes: DN50 - DN300
- Working Pressure: 14 / 17 / 21

Materials:

- Body: Ductile Iron

Model GC50



Y-Strainer Double Grooved Ends

- Sizes: DN50 - DN300
- Working Pressure: 14 / 17 / 21

Materials:

- Body: Ductile Iron

Model GG70



Y-Strainer Grooved Ends

- Sizes: DN50 - DN300
- Working Pressure: 14 / 17 / 21

Materials:

- Body: Ductile Iron

Model GG25



Resilient Seated, Grooved End Butterfly Valve

- Sizes: DN50 - DN300
- Working Pressure: 14 / 17 / 21
- UL/FM Pending

Materials:

- Body: Ductile Iron

Model GW25



Resilient Seated, Wafer End Butterfly Valve

- Sizes: DN50 - DN300
- Working Pressure: 14 / 17 / 21
- UL/FM Pending

Materials:

- Body: Ductile Iron

Model GF31



Resilient Seated, Flanged Ends OS&Y Gate Valve

- Sizes: DN50 - DN300
- Working Pressure: 14 / 17 / 21
- Meets AWWA C515/BS5163

Materials:

- Body: Ductile Iron



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