Experience & Capabilities

For more than 50 years, Cla-Val has supplied top quality automatic control valves for fire applications in facilities throughout the world. Typical applications include pressure regulation, pressure relief, rate of flow control, pump suction control, liquid level control and foam or water deluge.

Cla-Val control valves provide years of trouble-free operation and require minimal maintenance, backed by the assurance that comes from using the industry’s most trusted fire protection valves.

Certifications, Approvals and Quality Assurance

Cla-Val is committed to providing the world’s most reliable automatic control valves for fire protection systems. We work overtime to ensure that we meet and exceed the rigid standards of Underwriters Laboratory and FM Global in the US and Canada, as well as other applicable certifications and approvals for our continuously evolving product line. We also hold ISO 9001 certifications for our production facilities in Europe and ISO 9002 for our manufacturing facility in Canada.

Our in-house laboratory verifies the integrity and quality of each casting that we produce and, once manufacturing begins, experienced Quality Assurance professionals are there during each step of the process. Before they are shipped, each valve is factory tested to ensure that our customers receive the quality and performance they have come to expect from Cla-Val.

When protecting life and property, you can count on Cla-Val Fire Protection Products.
Seawater Service Deluge Valve
- UL Listed - Sizes 3" - 10"
- Globe and angle patterns
- Ideal for seawater service
- UL/ULC Listed Models
100G/2100G also available for freshwater service

Seawater Service Pressure Relief Valve
- Sizes 1-1/4" - 24"
- Automatically relieves excess pressure in pumping systems
- Fast opening to maintain steady line pressure
- Closes gradually to prevent surge
- Adjustable pressure settings, unaffected by pressure at valve discharge

Seawater Service Pump Start Pressure Relief Valve
- Sizes 1-1/4" - 24"
- Provides pump and pipeline protection during pump start sequence
- Protects pump when discharge rises to unsafe levels
- Adjustable pressure sensitive opening

Seawater Service Pressure Relief Valve
- Sizes 1-1/4" - 24"
- Automatically reduces higher inlet pressure to a steady, lower outlet pressure

Seawater Service Pump Start Pressure Relief Valve
- Sizes 1-1/4" - 24"
- Provides pump and pipeline protection during pump start sequence
- Protects pump when discharge rises to unsafe levels
- Adjustable pressure sensitive opening

High Performance Combination Air Release/Vacuum Breaker Valve
- Sizes 1" - 6"
- Installed at vertical turbine pump discharge and pipeline high points for air release
- Protects pipeline from air lock and vacuum collapse during filling or draining
- Available with AC throttling air control device
- Available threaded and flanged

Pneumatically Operated Deluge Valve
- UL Listed - Sizes 3" - 10"
- Globe and angle patterns
- Ideal for applications where remote on-off control is required
- Suitable for freshwater or seawater service

Solenoid Operated Deluge Valve
- UL Listed - Sizes 3" - 10"
- Globe and angle patterns
- Ideal for applications where remote on-off control is required
- Suitable for seawater service

Titanium Deluge Valve
- Model 403-11
- Pneumatically Operated Deluge Valve
- Model 134-60
- Solenoid Control Valve for Seawater Deluge Service
- Model 100GS Ti
- Titanium Deluge Valve

For Industrial and Offshore Applications
- Model 100GS/2100GS
- Model 50-20
- Model 403-11
- Model 50-49
- Model 33A
- Model 90-42
- Model 33A
- Model 582SWS
- Model 100GS Ti
- Model 55L Pump
Advanced Enhancements for Cla-Val Fire Protection Valves

Any Cla-Val automatic control valve can be equipped with KO Anti-Cavitation trim to virtually eliminate cavitation damage.

**Product Advantages**
- Significantly reduces noise and vibration
- Eliminates valve body and internal trim cavitation
- Provides drip-tight, positive sealing
- KO trim can be installed in existing valves without removal of the valve from pipeline

**Cutting Edge Manufacturing Technology**

The production process at Cla-Val’s factories is a unique combination of the latest in machining technologies and more than seven decades of manufacturing know-how. Never content to rest on our laurels, Cla-Val continually reinvests in machines, processes and our people to ensure that each valve we produce is of the highest quality possible.

**In-house Foundry Capabilities**

Cla-Val automatic control valves can be provided in a wide variety of metals to meet any application challenge. By having our own on-site sand casting and investment foundries, we are able to provide fire protection valves in over 50 different metals and special alloys, making Cla-Val’s product offering one of the most extensive in the valve industry. Combined with our state-of-the-art manufacturing capabilities, we can exercise maximum control over the quality of the valves we produce – from start to finish.

**Sample of Available Materials**

- ASTM B367, Grade C2 Titanium
- Monel QQ-N-288 Comp B
- ASTM A599-65 60-40-18 Ductile Iron
- ASTM A216 WCB Cast Steel
- ASTM B148 Alloy C95800 Ni. Alum. Bronze
- ASTM B61 Naval Bronze
- UNS S31254 Super Austenitic Stainless Steel
- UNS S32760 Duplex Stainless Steel
- UNS J93404 Super Duplex Stainless Steel
- ASTM A-743 GR CF 8M 316 SS

**Contact factory for a complete list of available metals and special alloys**

For more detailed product information, check out our complete Fire Products catalog or download specifications, visit [www.cla-val.com](http://www.cla-val.com)