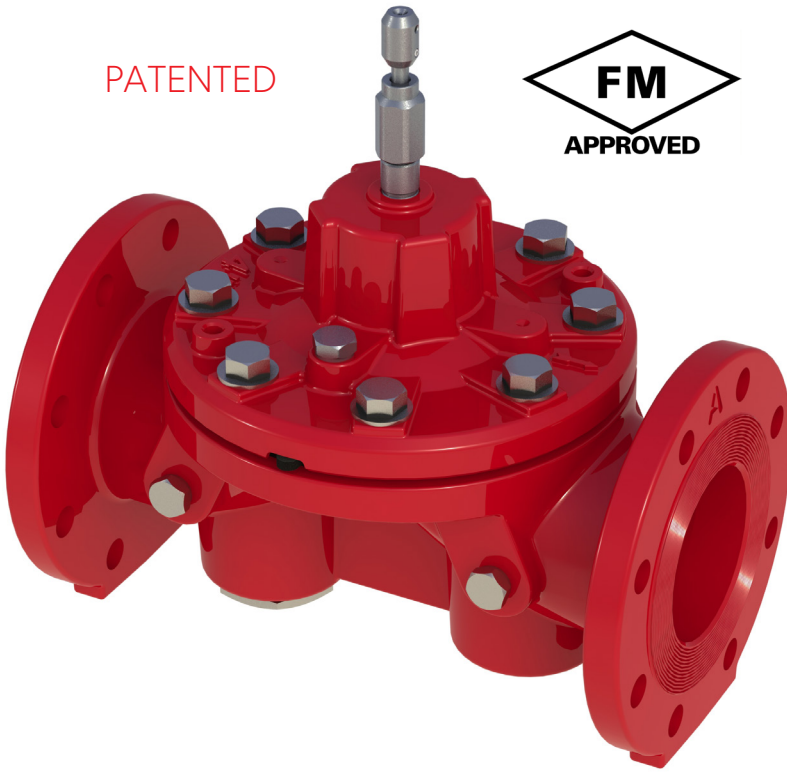


PATENTED



OCV 68F Fire Protection HCV Series

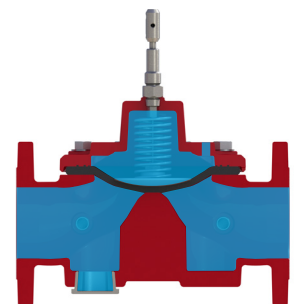
The OCV 68F series Control Valves are automatic, hydraulically actuated, direct-diaphragm sealing, Weir-type valves, with a proven and reliable design, that present performance advantages of hydraulically controlled Globe valves, and are certified as such.

OCV 68F series valves are designed for use in fire protection applications including deluge, pre-action, pressure relief, monitors and hydrants. They are suitable for water, foam and seawater systems.

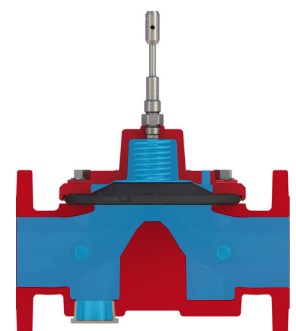
The valve consists of three major components: Body, Cover and Diaphragm Assembly.

The OCV 68F series valve is mounted on the upstream side of a fire-suppression sprinkler system, to prevent flow into the system in the 'set' condition.

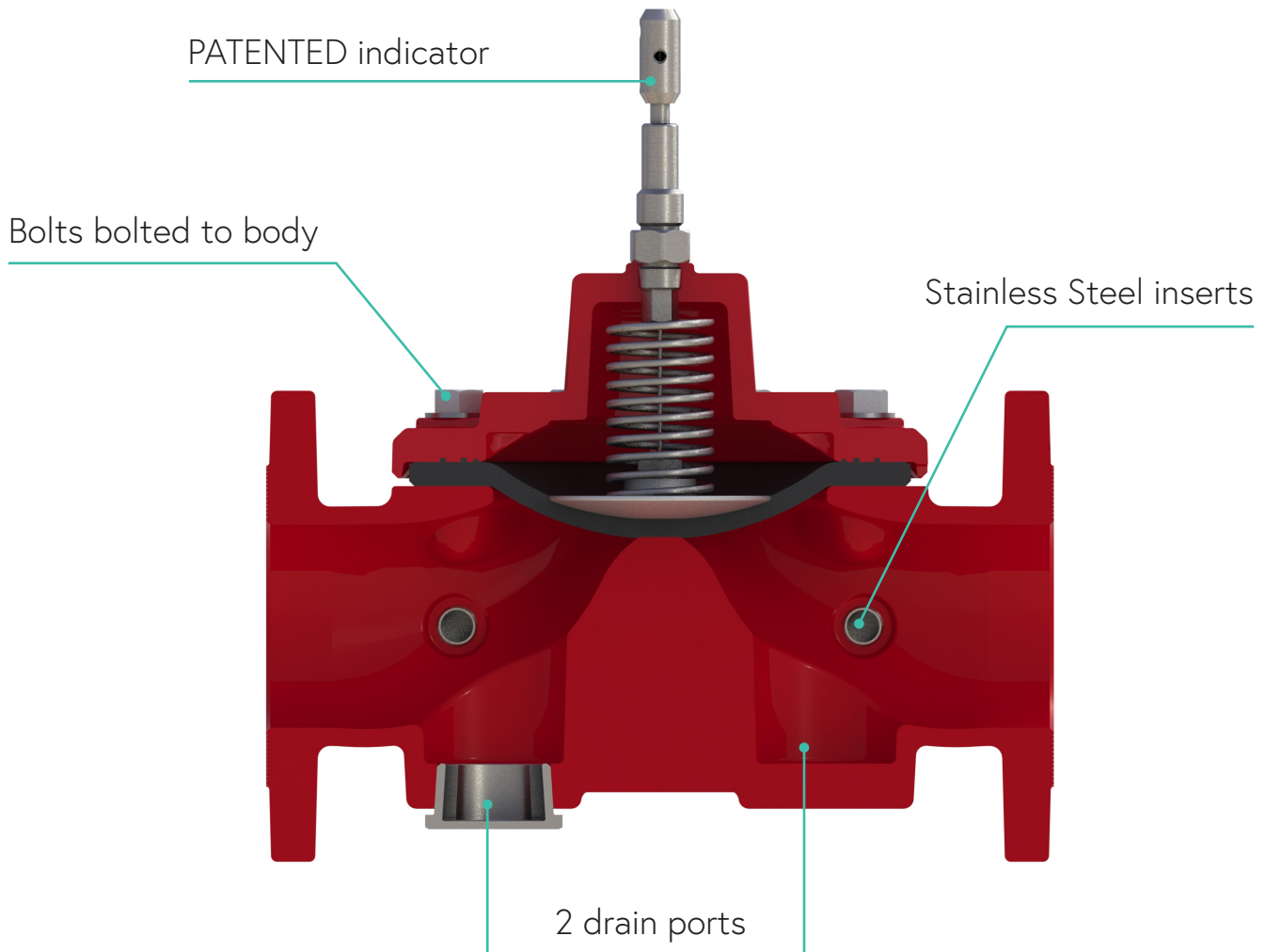
The valve can be opened automatically by electric signal, pneumatic actuation or manually, by creating differential pressure on the control trim.




Closed valve



Open valve



Features and Benefits

Matching groove on body, bonnet and modified diaphragm	Superior design that simplifies valve assembly and maintenance (Poka-Yoke)
Newly designed body - improved Kv and reduced weight	Higher Kv, results in lower head losses in a given flow
Bolts bolted to body - one bolt-type per valve size	Easier on-site maintenance
Unique PATENTED indicator solution - no dynamic O-rings	Less friction, meets FM requirements Incorporated position indicator to signal DV position
2 drain ports - upstream / downstream	Saves additional costs - improves installation flexibility and other requirements
Stainless Steel inserts fitted in all control ports	Long-term corrosion resistance for heavy-duty performance
 FM Approved Deluge Valve	Wide range of approved actuated Deluge Valves



FM Approved Models



OCV 68F DE\EL-MR

Pre-action Valve
Single or Double-interlock
Electrically Actuated
Manually Reset



OCV 68F DE\PTMR

Deluge Valve
Pneumatically Actuated
Manually Reset



OCV 68F DE\EL-MR

Deluge Valve
Electrically Actuated
Manually Reset



OCV 68F DE\PTMR\PRF

Deluge Valve Pressure Reducing
Pneumatically Actuated
Manually Reset



OCV 68F DE\RC-MR

Deluge Valve
Electrically Actuated
Manually Reset



OCV 68F DE\EL\PTMR\PRF

Deluge Valve, Pressure Reducing
Electrically or Pneumatically Actuated
Manually Reset



OCV 68F DE\RC-LC

Deluge Valve
Electrically Actuated
Remote Reset



OCV 68F DE\EL\PTMR

Deluge Valve
Electrically or Pneumatically Actuated
Manually Reset



OCV 68F DE\RCL\PRF

Deluge Valve, Pressure Reducing
Electrically Actuated
Manually Reset



Technical Specifications

Size range	DN50/2" - DN200/8"		
Working pressure	25 bar /375 psi		
Min. system water pressure	1 ½ bar /22 psi		
Max. water temperature	80°C /180°F		
End connections	Flanged: ASME/ANSI B16.42 – Class #150 and #300, ISO 7005-2 PN16 and PN25. Grooved: ASME/ANSI AWWA 606		
Construction Materials		Standard	Optional
	Body and cover	Ductile Iron ASTM A536	Stainless Steel ASTM A351 CF8M Cast Steel ASTM A216 WCB Cast Steel ASTM A352 LCB Ni-Al Bronze ASTM B148 gr.C95800 Duplex Super Duplex Titanium
	Trim components	Bronze/Brass	Nickel Plated Brass Stainless Steel 316 Super Duplex MONEL® Aluminum-Bronze
	Tube and tube fittings	Copper/Bronze/Brass	Stainless Steel 316 Super Duplex MONEL® Cu-Ni 90/10
Diaphragm	NR	EPDM NBR Neoprene	

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Directing the Flow

Advanced hydraulic solutions for optimal management of liquid conveyance systems

Aquestia is a world leader in providing optimal solutions for surge protection, water loss reduction and pressure management, by integrating uniquely developed products with innovatively designed software.

Bringing together three strong brands - A.R.I., DOROT and OCV, we combine decades of experience, a wealth of knowledge and expertise, and a wide range of solutions and services.

We are where liquid flows, serving customers in segments that include fire protection, aviation fueling, terminal services, oil & gas, waterworks and wastewater systems, irrigation, mining, ballast water, desalination, commercial plumbing, and more.

High-quality, reliable products and committed service, for your peace of mind.