



DOROT FIRE PROTECTION CONTROL VALVES

Since 1946 Dorot Control Valves has been developing, designing, manufacturing and providing advanced automatic control valves and systems for a wide range of industries around the world.

Within Dorot's wide range of automatic control valves, we have specifically developed a line of Fire Protection applications, which have been providing customers globally for over 40 years with a reliable and comprehensive solution for all your needs: from the protection of simple fire suppression systems in standard applications to the highest demanding fire protection systems in hazardous locations such as offshore/onshore refineries and power stations.

Dorot is considered a world leader in custom-design according to specific control requirements, using the highest quality materials and leading-edge technology in engineering, quality assurance, advanced testing facilities, etc. All of these factors, together with our years of experience and strong commitment to excellence in Customer Service, make Dorot a leader in Fire Protection Systems.

Series 300 Basic Hydraulic Valves

The Dorot Series 300 valves are automatic, diaphragm actuated globe and angle pattern, hydraulically activated by the pressure of the pipeline.

This valve is designed for use in any water supply application, including the controlling of water flow for deluge, pre-action or foam-water type fire protection sprinkler systems.

The valve consists of only three major components: The body, the cover, and the diaphragm assembly.

The only moving part is the diaphragm assembly.

Pack-less construction and simplicity of design assures long service life, reliable operation and low maintenance for this valve.

Series 100 Basic Hydraulic Valves

The Dorot Series 100 valves are automatic direct diaphragm sealing weir type, hydraulically activated by the pressure of the pipeline.

This valve is designed for use in any water supply application, including the controlling of water flow for deluge, pre-action or foam-water type fire protection sprinkler systems.

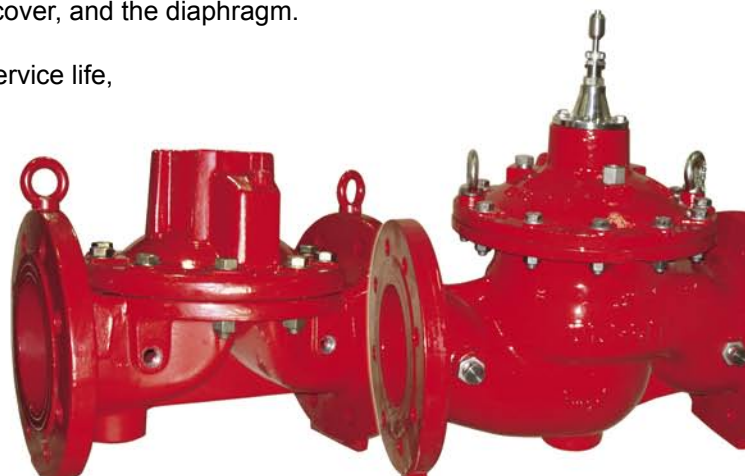
The valve consists of three major components: The body, the cover, and the diaphragm.

The only moving part is the diaphragm.

Pack-less construction and simplicity of design assures long service life, reliable operation and low maintenance for this valve.



Everything is Under Control





Typical Control Applications

Deluge, Dry-Pipe and Pre-Action

The Dorot Automatic Control Valves are designed for use in controlling of water flow for Deluge, Dry-pipe, Pre-Action, or Foam-Water type fire protection sprinkler systems. These valve are U.L. Listed as “Special Systems Water Control Valves (VLFT.EX6543)”.

Some of the available approved applications are:

- **DE\EL** Electrically controlled Deluge valve
- **DE\RC** 3-way Electrically controlled Deluge valve
- **DE\RC\L** 3-way Electrically controlled Deluge valve with manual reset
- **DE\EL\HRV** Electro-Hydraulically controlled, anti-columning Deluge valve
- **DE\PORV** Pneumatically controlled Deluge valve
- **DE\EL\PORV** Electro-Pneumatically controlled Deluge valve
- **DE\EL\PORV\DN** Double-Interlock, Electro- Pneumatically controlled.

Other Deluge applications are available upon request.

Peripheral Valves

Dorot valves are U.L. Listed as “Pressure Control Valves (VLMN.EX6104)” for pressure rating 175 and 300 psi and as “Fire Pump Relief Valves (QXZQ.EX4505)”

- **PR\UL** Pressure Reducing valve
- **PS\UL** Pressure Relief valve

Hydrant and Monitor Valves

- **HY** Hydraulically actuated Hydrant valve
- **HY\PR** Pressure Reducing Hydrant valve
- **HY(M)** Hydraulically actuated Monitor valve

The valves above are available with remote hydraulic and/or electric actuation.

- “**Kibuy 2**” and “**Lehava 3**” classical Hydrant valves



Dorot valves are also available with other various control applications for water level control, pumping system control, water-hammer protection etc.

Consult your local Dorot distributor or contact Dorot head office for further information.

