DOROT CONTROL VALVES (AQUESTIA)

Dorot Series 100 PS, UL Pressure Relief Valve

Pilot-operated, diaphragm-actuated hydraulic pressure relief valve designed to protect fire protection networks by automatically relieving excess pressure to maintain system stability. Engineered with a simple structure, drip-tight seal, and reliable fast opening under overpressure conditions.



UL Listed
(UL 1478)

KEY SPECIFICATIONS

Valve type	Pilot-Operated Diaphragm Valve
Size range	2" to 10" (DN50 to DN250)
Pressure rating	Up to 250 PSI (17.2 bar)
Pressure set range	20 to 200 PSI (1.4 to 13.8 bar)
Connections	ANSI Flanged Class 150 / 300, Grooved Ends
Body material	Ductile Iron (Epoxy Coated)
Pilot trim material	Stainless Steel
Diaphragm material	Reinforced Elastomer
Fluid compatibility	Water / Fire Protection Water Supply
Certification	UL Listed (UL 1478)
Key features	Smooth cavitation-free modulation, fast response to pressure surges, in-line serviceable without removing body from line, drip-tight sealing

FEATURES

- Automatically relieves excess system pressure
- Pilot-operated, diaphragm-actuated design
- Fast opening response to overpressure conditions
- Smooth, cavitation-free modulation
- Drip-tight seal for reliable operation
- In-line serviceable without removing valve from line
- Rugged ductile iron body with epoxy coating
- Stainless steel pilot trim and reinforced diaphragm
- UL Listed for fire service (UL 1478)

APPLICATIONS

- Fire protection systems
- Pressure relief for fire pump discharge lines
- Overpressure protection in fire sprinkler networks
- Commercial and industrial buildings
- Municipal and utility water systems
- Industrial process water systems
- Any application requiring automatic pressure relief and system protection

PRODUCT OPTIONS & CONFIGURATIONS

Size	Connection Type	Pressure Rating	Material	Certification
2" – 10" (DN50 – DN250)	ANSI Flanged Class 150 / 300 Grooved Ends	Up to 250 PSI (17.2 bar)	Ductile Iron (Epoxy Coated) Stainless Steel Trim	UL Listed (UL 1478)

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