FLOWSERVE

Valtek® FlowTop V750 / V752
General Service Control Valve

Get outstanding operating efficiency and performance with maximum versatility



Experience In Motion

Optimized, configurable design provides maximum efficiency and versatility

Flowserve has improved the design of the Valtek FlowTop control valve to meet global requirements for general service and moderately severe service applications.

Building on the proven FlowTop V738/740 and Valtek GS control valve designs, the new Valtek FlowTop valve provides one standardized, versatile control valve with precision control and a variety of trim and packing options to meet a broad range of requirements. The new FlowTop valve offers the same performance and options in an optimized product that's extremely easy to size, select, configure and order.

The fully integrated automated package is available globally and includes an in-line globe style body with a FlowAct pneumatic diaphragm actuator and digital positioner.

Furthermore, the new FlowTop valve design simplifies maintenance and enables cost savings through parts interchangeability.



Proven quality and best-in-class general service performance

- Fully integrated package solution
- Globally available
- Easy to size and select
- High flow rates with excellent rangeability and repeatability
- Quick installation; simple setup
- Severe Service options to minimize noise and cavitation
- Packing options capable of meeting ISO 15848-1, Class BH
- Global support for service and repair
- Severe Service applications

The performance you need with the versatility and ease of maintenance you want

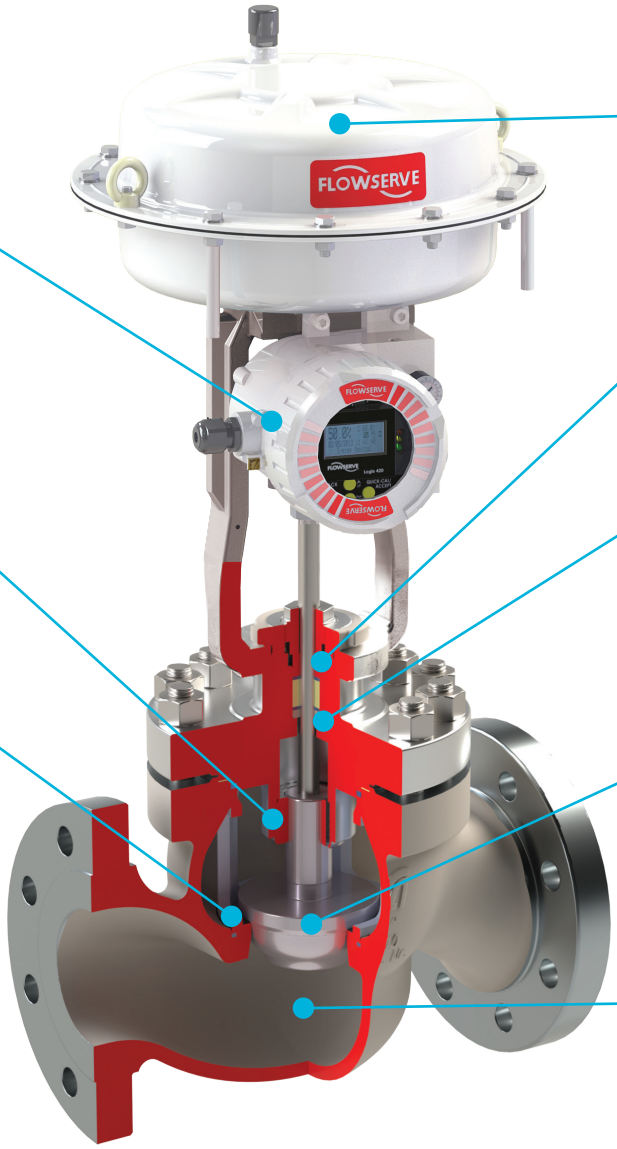
High-performance design — A fully integrated package that features an updated streamlined design for maximum performance and operating efficiency in all general service applications.

Easy to configure and globally available — The updated design is easy to select, size, configure and order. The new FlowTop valve is available globally with numerous options to meet most general service requirements.

Ease of maintenance — A standardized design with interchangeable components simplifies maintenance and minimizes costs related to inventory and spare parts.

Reduced environmental impact — Packing options meet stringent fugitive emissions requirements (ISO 15848-1).

Broad application versatility — Multiple seat designs (threaded or clamped), packing options (external or internal live loaded) and severe service trim solutions for cavitation and noise reduction are available.



Digital positioner; direct mounting available

Clamped or threaded seat designs available

Tight seal, profile ring designed for zero leakage between seat and body and reduced maintenance

FlowAct pneumatic diaphragm actuator with lightweight rib design housing

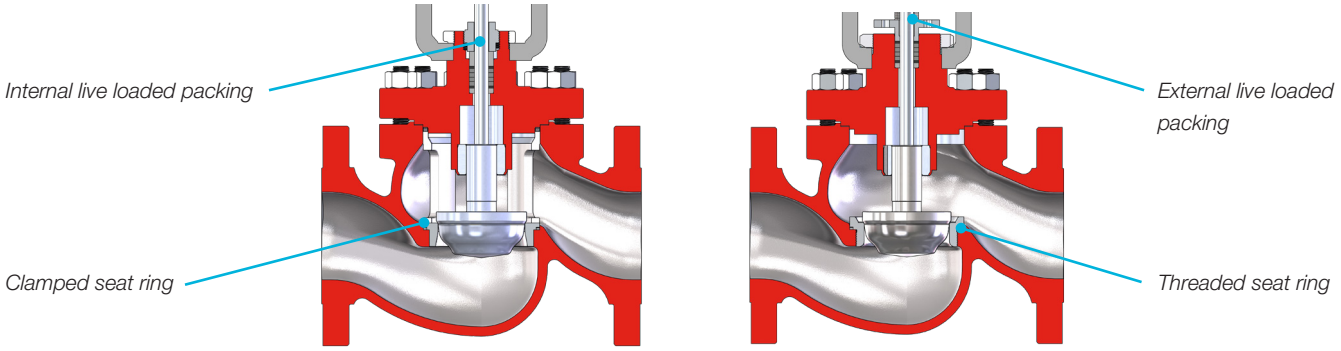
External or internal live-loaded packing options

ISO 15848-1 fugitive emission packing available

Precisely machined contour on plug head; severe service trims available for cavitation and noise reduction

High-flow globe valve body

Versatile configurations



Specifications and temperature ratings

Style	Globe, angle, integral flange, ASME B16.34 and EN 1349
Sizes	NPS ½ to 12
Pressure classes	Class 150 and 300
Temperature range	Operating temperature: -196°C to 537°C (-320°F to 1000°F) [depending on material and design] Ambient temperature: -40°C to 80°C (-40°F to 176°F) [FlowAct temperature range]
End connection	Flanged, raised face (RF)
Body materials	ISO 15848-1 Class A, B or C for CC1, CC2 or CC3 from -196°C to 600°C
Face-to-face	ISA 75.08.01
Packing	Internal or external, PTFE or graphite, live or non-live loaded, ISO 15848-1, or vacuum
Bonnet	Standard, extended, bellows seal or cryogenic bonnet
Trim material	316 SS, 316L SS, 416 SS HT, 420 SS HT, WC9, 1.4122, 1.4922, Monel 400, Monel K500, Alloy 6 overlay on 316/316L, or Nitrided 316/316L
Low noise and anti-cavitation	MegaStream™ one & two stages, CavStream™ one-stage, CavControl™, and DiamondBack™
Leakage rates	Class IV, V and VI with optional soft seat
Actuator	Pneumatic diaphragm spring actuator
Standard positioner	Digital positioner; also available as integrally mounted to yoke for fail-close/air-to-open configuration; no tubing or bracket required

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