

Erie™ PopTop™

Temperature Control
Valves & Actuators



invensys®

PopTop™ General Close-Off Two-Position Valve & Actuators

For your residential and commercial applications. Erie's General Close-Off valves and actuators offer precision control for 2-position (on/off) spring return temperature control. The General Close-Off can be used in a wide range of applications such as radiant baseboard and fan coil for easy installation and maintenance.



- Direct replacement for all existing two-position, motorized PopTop™ applications
- Sized to fit most baseboard applications
- Rugged Brass forged 300 psig rated valve body
- Up to 60 PSI pressure differential close-off
- Spring return operation, normally closed or normally open
- Voltages 24 to 277 VAC
- End switch option on general temperature models
- Terminal block option on general temperature models (24V)
- Chilled, hot water, and low pressure/low temperature steam applications
- Cv 1.0 to 8.0
- Hysteresis synchronous motor design for long life
- Meets or exceeds ANSI IV standard for close-off
- UL listed actuator

- Direct replacement for all existing two-position, motorized PopTop™ applications
- Rugged Brass forged 300 psig rated valve body
- Up to 75 PSI pressure differential close-off
- Spring return operation, normally closed or normally open
- Voltages 24 to 277 VAC
- End switch option on general temperature models
- Terminal block option on general temperature models (24V)
- Chilled, hot water, and low pressure/low temperature steam applications
- Hysteresis synchronous motor design for long life
- Cv 1.0 to 8.0
- Meets or exceeds ANSI IV standard for close-off
- UL listed actuator



PopTop™ High Close-Off "HCO" Two-Position Valve & Actuators

For high-rise and commercial applications, where higher close-off is required, our High Close-Off valves and actuators offer precise temperature control. Our two-position (on/off) "HCO" actuator can be interchanged with General Close-Off actuators. This can be used in applications such as fan coil and VAV reheat.

PopTop™ Modulating Spring Return Valves & Actuators

The most modern, cost effective range of electrically operated, modulating, temperature control, Erie's patented equal percentage flow plug, standard in zone valves up to 4.0 Cv, is designed for applications requiring a constant, level temperature. These highly reliable valves are designed specifically for use in fan coil, VAV reheat, unit ventilators, air handling unit, baseboard, and radiant applications. The compact design installs in small compartments and still allows service access. Designed for use in closed hydronic heating and cooling applications.



- Rugged Brass forged 300 psig rated valve body
- Patented equal percentage flow plug up to 4.0 Cv
- Cv 1.0 to 8.0
- Manual Override
- Position Indicator
- Thermoplastic enclosure
- Jumper selectable operating ranges
- 24 VAC, 3-wire floating and 0-10 VDC, 0-5 VDC, 5-10 VDC or 4-20 mA proportional controls
- Meets or exceeds ANSI IV standard for close-off
- Chilled or hot water applications
- Time-out feature for extended life
- UL listed actuator

- Rugged Brass forged 300 psig rated valve body
- Patented equal percentage flow plug up to 4.0 Cv
- Cv 1.0 to 8.0
- Manual Override
- Position Indicator
- Thermoplastic enclosure
- Non-spring return operation
- 24 VAC, 3-wire floating and 0-10 VDC, 0-5 VDC, 5-10 VDC, or 4-20 mA proportional controls
- Compatible with most DDC control systems
- Chilled water and hot water applications
- Meets or exceeds ANSI IV standard for close off
- Jumper selectable operating ranges
- Time-out option for extended life
- UL listed actuator

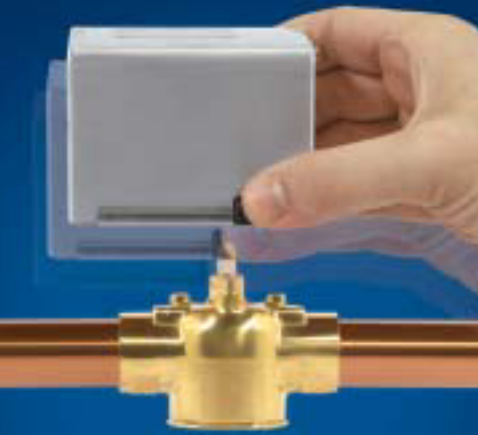


PopTop™ Modulating Non-Spring Return Valve & Actuator

All of our PopTop™ Modulating valves and actuators feature a position indicator, manual override, thermo-plastic enclosure, and time-out option. Modulating valves are designed specifically for a fan coil, VAV reheat, unit ventilator, air handling unit, baseboard and radiant applications.



Family of Products



Erie PopTop™

Erie's motorized hydronic valves, the PopTop™, provide convenient, reliable and easy installation for a variety of heating and cooling applications. Installation is a snap with easy, one-handed removal or engagement of the actuator to the valve body. Push the button and lift. It's that simple.

Features:

- One-handed engagement or removal of the motorized actuator to the valve body
- Valve actuator can be easily attached after the valve body has been installed into the system
- Mounts quickly and easily without the need of linkages or calibration
- Available in 2-way & 3-way port configurations, 1/2" (15mm) through 1 1/4" (32mm) sweat or 1/2" (15mm) to 1" (30mm) threaded connections, 1.0 to 8.0 Cv range
- Available factory coupled, or as individual bodies and actuators
- Direct replacement for all existing PopTop™ applications
- Rugged 300 PSIG rated brass forged body designed for long life
- UL listed actuator



PopTop™ Zone Valves

- 1/2", 3/4", 1" and 1 1/4" Sweat, NPT and Inverted Flare Union.
- Two-position (on/off), 2-way and 3-way.
- General close-off or High close-off.
- Low voltage or line voltage.



PopTop™ Modulating Valves

- 1/2", 3/4" and 1 1/4" Sweat and NPT.
- Three-wire floating, modulating control.
- 0-10, 0-5, 5-10 VDC or 4-20 mA proportional inputs.
- Spring return or non-spring return.



Modulating Globe Valves

- 1 1/4" to 2" NPT, 2 1/2" to 6" flange.
- Three-wired floating, modulating control.
- 0-10 VDC or 4-20 mA proportional inputs.
- Spring return option.



Damper Actuators

- Direct and linkage drive.
- Spring return or motor driven open and closed.
- 2-wire or 3-wire control with end switch.
- Clockwise or counter-clockwise rotation.



Boiler Boss®

- Single and multiple zone circulator, zone valve and hydronic heating/cooling air handlers.
- Boiler operating controls with outdoor reset.
- LED readouts and status indicators.
- Priority Plus® and low-limit protection.



Thermostats and Controllers

- Heating and cooling, low and line voltage outputs.
- Digital display or dial control.
- Three-wire floating, modulating output.
- 0-10 VDC or 4-20 mA proportional outputs.

Invensys®

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