

PIM-V™ Pressure Independent Valves

The modulating, pressure independent dynamic flow control PIM-V maintains the required flow rate in a system regardless of pressure changes. The PIM-V combines all the features of our quarter-turn ball valve (Unimizer) with a pressure regulating cartridge. The adjustable PIM-A module can also retrofit any manufacturer's actuated control valve to make it a Pressure Independent valve.

Available in 3" to 6" sizes



Features:

- Universal Mounting Plate Compatible with Most Actuator Brands
- Flanged or Grooved Ends
- Low Torque Seals
- Modulating Actuators
- Equal Percent Flow Control
- Flows up to 505 GPM

Delta T Metering & Control

Control and/or meter the Delta T across anything and improve the efficiency of your HVAC system with the newest addition to our control valve products. Controlling the Delta T allows the heat transfer equipment to function at optimal efficiency as well as reduces the amount of heating and/or cooling water pumped through the hydronic system. Metering the Delta T allows a building owner to manage energy usage and look for places to improve.

EPIC System

The EPIC System measures energy usage while monitoring coil performance to adjust a Pressure Independent (MVP) Control Valve to optimize coil performance. The only energy recording system that includes a Pressure Independent valve, the MVP Valve maintains the correct flow, in spite of pressure changes, and guarantees the flow only changes when demand requirements change or Delta T is outside of specification. The pressure transducers measure upstream and downstream pressure allowing the Building Management System (BMS) to reduce system pressures to save pump energy when pressure drop is higher than the MVP valve's requirements. The Griswold EPIC Controller calculates the BTU and displays the data on an Android and iPhone mobile device.

Features:

- Modulating Actuators
- Flanged Ends
- Flows from 41 to 1220 GPM
- Bluetooth compatible

BTU Meter

The BTU meter has a Venturi Metering Station to measure flow, differential pressure transducers and 2 temperature transducers to measure BTU. The data is provided directly to the Building Management System or can be viewed on the phone apps. BTU Meters are used in applications where a building owner wants to monitor or even charge their tenants for energy. BTU Meters can be used to troubleshoot high energy costs to see where they are losing money.

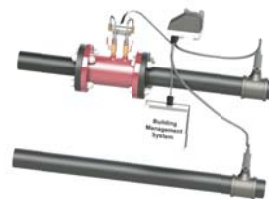
Features:

- Flanged Ends
- Bluetooth compatible

Available in 2-1/2" to 10" sizes



Available in 2-1/2" to 20" sizes



Everything Under Control Control Valves



The only manufacturer in the United States to design & manufacture a complete valve product line for your HVAC needs.

Actuated Control Valves

Griswold Controls' actuated quarter-turn ball valves are the most versatile in the industry, showcasing the universal mounting plate, a revolutionary design concept allowing the use of most standard actuators from any manufacturer. Let Griswold Controls supply an actuator or quickly mount anyone's quarter-turn actuator in the field. All actuated valves also feature the patented low torque seal design which reduces actuator size needed, allowing for use of a less expensive 35 in-lb actuator on valves up to 3". The valves also feature the patented Optimizer® parabolic flow insert that delivers equal percent control which mirrors the coils' heat transfer and provides for 30-50% more rotation response than other actuated ball valves. Unlike every other manufacturer, the Griswold Controls Actuated Valves include next generation triple seals and field repairable stems which provides resistance to today's chemical treatments and to temperature fluctuations following evening system shutdown and allows for field servicing without removing valve.

Unimizer® Actuated Ball Valves

2-way and 3-way actuated quarter-turn ball valves are ideal for fan coils, baseboard heating, chilled beam, air handling unit and equipment room applications. The Unimizer has over 30 Cvs that deliver an exact match to pressure drop requirements. The 3-way Unimizer can be installed in the field in a "tee" pattern, just like a globe valve which eliminates need for elbows & extra piping, reducing installation labor and minimizing potential for leaks. The unique 3-way ball valve design eliminates overflow problems seen in all traditional 3-way valves, by controlling the coil and bypass flows simultaneously through the ball, which saves pump energy any time the valve is modulated to the middle position.

Features:

- Universal Mounting Plate Compatible with Most Actuator Brands
- Female NPT, Pressfit or Flanged Ends
- Low Torque Seals
- On/Off or Modulating Actuators
- Equal Percent Optimizer Insert
- Pneumatic or Electronic Actuators
- Next Generation Field Repairable Stem
- Flows from 0.3 to 2907 GPM

Available in ½" to 6" sizes



Unimizer® Lead Free Actuated Ball Valves

2-way valves use lead free brass and are ideal for domestic or potable water applications. Valves are certified to NSF61G as well as federal standards for potable water.

Features:

- Universal Mounting Plate Compatible with Most Actuator Brands
- Female NPT Ends
- Low Torque Seals
- On/Off or Modulating Actuators
- Equal Percent Optimizer Insert
- Pneumatic or Electronic Actuators
- Next Generation Field Repairable Stem
- Flows from 0.3 to 64 GPM

Available in ½" and ¾" sizes



Automizer® Actuated Automatic Valves

Griswold Controls' all-in-one Automizer valve combines our actuated Unimizer valve with our stainless steel flow limiting cartridge. The Automizer provides the entire return side of the coil in one valve: a flow limiting automatic balancing valve, an actuated control valve, and a manual isolation ball valve. The actuated valve modulates to control the flow below full load and the flow limiting cartridge protects against overflow and underflow when the actuated valve is fully open and/or the system pressures change.

Features:

- Universal Mounting Plate Compatible with Most Actuator Brands
- Female NPT or Sweat Ends
- Low Torque Seals
- On/Off or Modulating Actuators
- Equal Percent Optimizer Insert
- Flows from 0.3 to 114 GPM
- Next Generation Field Repairable Stem
- Stainless Steel Flow Limiting Cartridge

Available in ½" to 2" sizes



Balance Zone® Actuated Automatic Valves

Griswold Controls' all-in-one Balance Zone valve combines an actuated control valve with our stainless steel flow limiting cartridge for automatic balancing. The first zone valve in the market to include balancing, the compact design is ideal for tight spaces.

Features:

- On/Off or Modulating Actuators
- Female NPT Ends
- Flows from 0.3 to 10 GPM
- Stainless Steel Flow Limiting Cartridge

Available in ½" and ¾" sizes



Pressure Independent Control Valves

Griswold Controls' Pressure Independent valves combine a balancing valve & control valve into one, accurately maintaining flow control regardless of pressure fluctuations in the system. Since the cartridge compensates for all pressure changes the actuator cycles less lengthening its life. Pressure Independent valves are the perfect choice for controlling flow at full load as well as at reduced load conditions which eliminates hot and cold spots in a building and reduces pump energy. Pressure Independent valves are also perfect for applications where temperature variance cannot be risked, such as hospitals, laboratories, or prisons.

PINNACLE Pressure Independent Valves

The Pressure Independent flow control Pinnacle valve maintains the required flow rate in a system regardless of pressure changes. The compact size of the Pinnacle makes it ideal for tight spaces.

Features:

- Thermal or Electronic Actuators
- Female NPT Ends
- On/Off or Modulating Actuators
- Flows from 0.163 to 60 GPM

Available in ½" to 2" sizes



PIC-V® Pressure Independent

Griswold Controls' PIC-V valve combines all the features of the quarter-turn ball valve (Unimizer) with a pressure regulating cartridge that maintains constant flow across the ball regardless of system pressure fluctuations. The PIC-V is available with or without an isolation ball valve and with an optional union end.

Features:

- Universal Mounting Plate Compatible with Most Actuator Brands
- Female NPT or Sweat Ends
- Low Torque Seals
- Modulating Actuators
- Equal Percent Optimizer Insert
- Pneumatic or Electronic Actuators
- Next Generation Field Repairable Stem
- Flows from 1.0 to 95 GPM

Available in ½" to 3" sizes



MVP™ Pressure Independent Valves

The modulating, pressure independent MVP valve maintains the required flow rate in a system regardless of pressure changes. MVP provides variable Cv without additional balancing valves.

Features:

- Modulating Actuators
- Flanged Ends
- Flows from 39 to 1220 GPM

Available in 2-½" to 10" sizes

