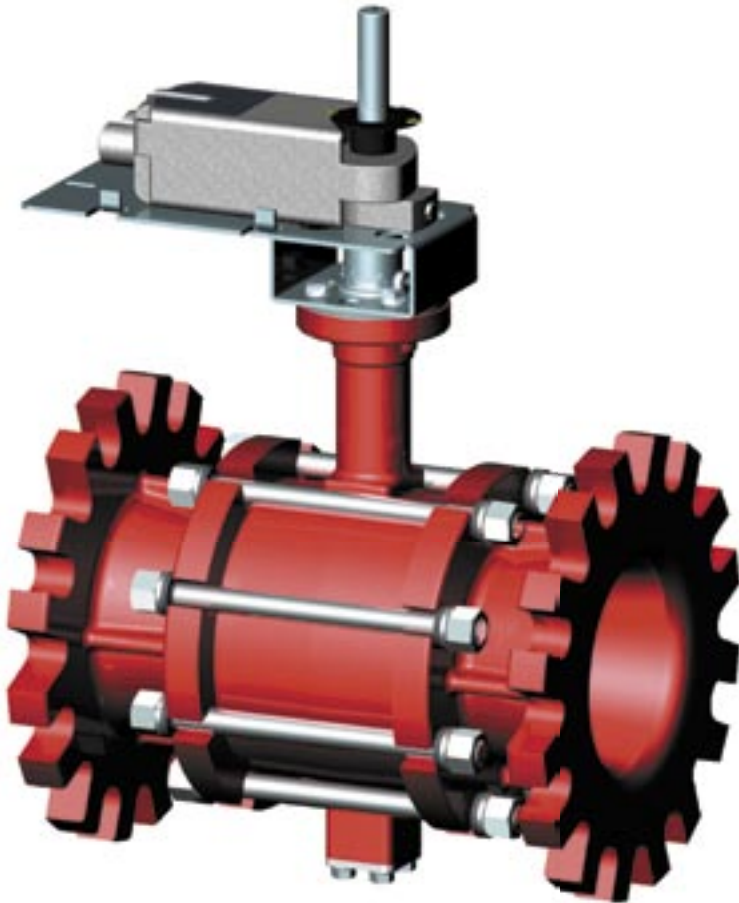
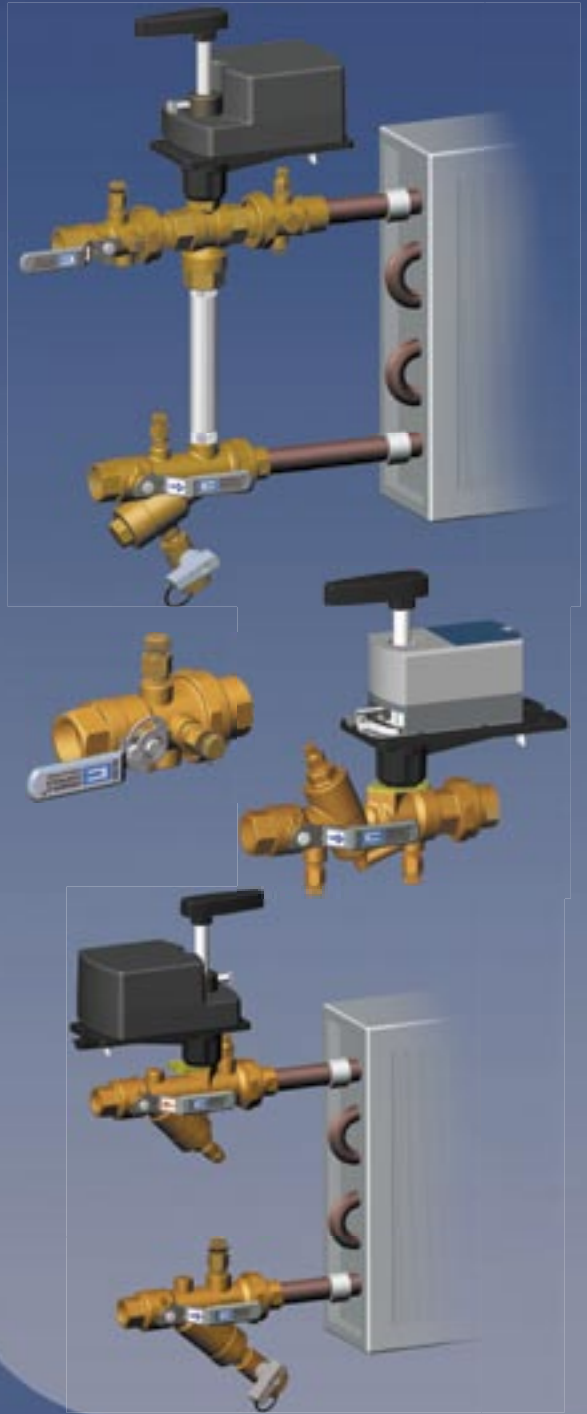


**Hydronic Technology
Solutions that *fit***



**Everything
Under
Control**



A Solution for all your Applications:

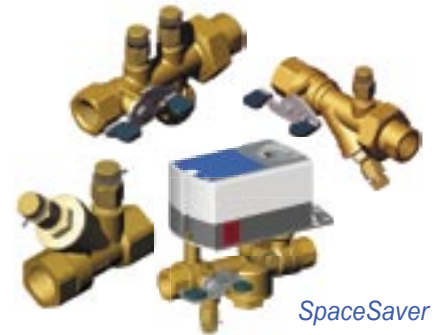
- Where automatic temperature control valves are needed
- Where manual balance valves are desired
- Where actuated control valves are required
- Where piping packages are the best solution

Griswold Controls pioneered automatic flow control with the introduction of its stainless steel flow cartridge in 1960. For over 45 years Griswold Controls has designed and manufactured automatic flow control valves that set us apart from the competition in quality and reliability.

For Baseboards / In-Cabinet

The SpaceSaver line’s compact design is the perfect choice for tight spaces, delivering a multi-function valve in a small footprint. SpaceSaver models are available for both the Isolator™ R and the K Valve automatic flow control valves. *(Note that SpaceSaver versions of a manual flow control valve, the SpaceSaver QuickSet, and an actuated automatic valve, the SpaceSaver Automizer, are also available).* Available in 1/2" and 3/4" sizes.

Flows from 0.25 to 3.0 GPM
Compact "Tee" Shaped Handle
Total Length Under 4"



SpaceSaver

For Terminal Units

Our smaller valves, such as the Isolator™, are available with a wide range of flows and PSID. These valves, featuring easily accessible flow control cartridges combined with isolation ball valves to aid in the maintenance of coils and temperature controls, make them the perfect choice for terminal units. *(Note that flow control is available for location on either the supply or the return side of the coil).* Available in 1/2" to 3" sizes.

Flows from 0.33 to 75 GPM
Multifunction Valves in Brass Housings



Isolator™

For Air Handling Units

Griswold Controls’ popular IRIS Series, Uni-Flange, and Wafer valves offer precise control for larger applications. Multiple flow control cartridges can accommodate flows up to 342 GPM, as required for large spaces with high people or computer loads. Available in 1-1/2" to 6" sizes.

Flows from 12 to 342 GPM
Multifunction Valves in Brass/Cast Iron Housings



Uni-Flange

For Chillers, Towers & Pumps

For higher flow applications, such as found in chillers, towers, and pumps, Griswold Controls offers the Wafer, Steel Flange, Grooved, or Weld End multi-cartridge valves. Available in 3" to 30" sizes.

Flows up to 17,000 GPM
Cast Iron, Ductile Iron, or Steel Housings (or Specialty)



Wafer

Manual Balance Valves

Griswold Controls applied its experience and expertise with parabolic curves in automatic flow control cartridges to develop the patented Optimizer™ for the QuickSet line of manual flow control valves.

Quickset

Griswold Controls’ QuickSet manual balance valves with the patented Optimizer™ make proportional or static balancing simple and quick. Valves are available in standard configuration or with accessory ports. 2-1/2" thru 18" metering stations or valves are available with flanged, grooved, or weld end. Direct mount transducers are optional. Available in 1/2" to 18" sizes.

1/2" to 2" Flows from 0.15 to 160 GPM
Easy Setting with The Optimizer
2-1/2" to 18" Flows from 21 to 13,000 GPM
No Straight Pipe Length Required
Extended Housing with Accessory Ports

Featuring the Patented Optimizer™



1/2" to 2"

2-1/2" to 18"

Actuated Automatic and Control Valves

Everything Under Control

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 any standard actuator.

Unimizer™ Actuated Ball Valves

2 and 3-way valves ideal for air handling unit and equipment room applications. The Unimizer™ features high close off pressure, and five or six CVs that deliver an exact match to pressure drop requirements. In addition, it offers equal percentage flow with the patented Optimizer™, thereby allowing the use of any standard actuator.

Available in 1/2" to 6" sizes.

Flows from 0.3 to 2907 GPM
Universal Mounting Plate
Equal Percentage Flow with The Optimizer™
Terminal Unit, AHU or Pipeline Applications
On/Off or Modulating Applications
Low Torque/High Close Off Pressure

Featuring the Patented Optimizer™



Automizer™ Actuated Automatic Valves

Griswold Controls' all-in-one Automizer™ valve combines an actuated temperature control valve with our stainless steel flow limiting cartridge. The Automizer™ provides the entire return side of the coil in one valve: a dynamic pressure independent flow limiting valve, an actuated 2-way control valve, and a manual isolation ball valve. This valve features the patented Optimizer™ for equal percentage flow characteristics and the universal mounting plate.

Available in 1/2" to 2" sizes.

Flows from 0.3 to 114 GPM
Universal Mounting Plate
Equal Percentage Flow with The Optimizer™
Terminal Unit Applications
On/Off or Modulating Applications
Low Torque/High Close Off Pressure
Small Footprint for Tight Spaces

Featuring the Patented Optimizer™



PIC-V™ Pressure Independent Valves

Griswold Controls' PIC-V™ valve accurately maintains flow control regardless of pressure fluctuations, providing balancing at any point below and including the maximum flow rate. The PIC-V™ is a multi-function valve that combines the balancing valve and the control valve into one compact package ideal for air handlers, heating and cooling coils, fan coil units, unit ventilators, and VAV re-heat coils.

Available in 1/2" to 3" sizes.

Flows from 1 to 55 GPM
Universal Mounting Plate
Terminal Unit, AHU or Pipeline Applications
On/Off or Modulating Applications
Low Torque/High Close Off Pressure

Featuring the Patented Optimizer™



MVP™ Pressure Independent Valves

The modulating, pressure independent dynamic flow control MVP™ maintains the required flow rate in a system regardless of pressure changes. Perfect for applications where temperature variance cannot be risked, such as hospitals, laboratories, or prisons, or where balancing at reduced loads is needed, such as office buildings, schools, or hotels. MVP™ is the perfect control valve, providing variable Cv without balancing valves.

Available in 1/2" to 6" sizes.

Flows from 2.8 to 469 GPM
Variable Cv Without Balancing Valves
Maintains Constant Flow and Temperature
Lightweight/Compact Design
For Precision Temperature Control Applications
Union or Flanged Ends

Featuring the Patented Optimizer™



Standard and Custom Coil Piping Packages

48 Hour Standard Coil Piping Packages

Griswold Controls' Coil Piping Package program includes over 900 standard packages. Engineers do not have to design or detail the various elements that are required at the supply and return end of each coil. They can just select one of Griswold Controls standard packages, which are available for both automatic and manual flow control applications. We also offer downsized components to the automatic temperature control as a standard package. Standard packages up to 2" ship within 48 hours after the order is received direct to the job site, preassembled and ready to install. If variations to the standard packages are necessary they can be readily accommodated, but they will affect the 48 hour ship time. In addition, options such as hoses and extension kits can be easily added, but similarly this will increase the lead time.

Standard packages offer:

- **Wide selection of preassembled, easy to order configurations**
- **Easy ordering: order by specific part numbers**
- **Timely delivery**
- **Variety of options available: downsized automatic temperature control, extra pressure / temperature ports, and the inclusion of Griswold Controls Automizer™ and Unimizer™ temperature control valves.**

Custom Coil Piping Packages

Griswold Controls offers custom packages in line sizes from 2-1/2" thru 8". The components can be shipped loose or assembled and shipped on a skid—your choice. These packages are available with flange, weld or grooved end connections and

can include balancing valves, strainers, butterfly valves, control valves and reducers. A variety of options are also available for customized packages, including the addition of hoses and extension kits.

Terminal Units 1/2" to 2"



Standard 2-way IRIS Package with Unimizer™

- Isolator S with 20-Mesh Strainer, PT, and Drain Valve
- Union with Air Vent
- 2-Way Unimizer (with any standard actuator)
- Isolator R with Automatic Flow Control Cartridge and two PT valves

Air Handling Units 2" to 3"



Custom 3-way 3UF Package with Unimizer™

- Y-Strainer with Butterfly and Drain Valve
- Tee Connection
- 3-Way Unimizer
- Uni-Flange Valve with Butterfly Valve
- Accessory Flanges with PTs

Equipment Rooms 4" to 8"



Custom 2-way 3WR Package with Unimizer™

- Y-Strainer with Butterfly Valve
- Tee Connection
- Butterfly Valve on Bypass
- 3-Way Unimizer
- Wafer Valve with Butterfly Valve
- Accessory Flanges with PTs

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