

# Chilled Water Controls



**One Source For All Of Your  
Chilled Water Valve Needs**

**Honeywell**

# Control Valves To Fit All Of Your Chilled Water Applications

Honeywell Offers A Broad Range Of Commercial Control Valves That Are Engineered For High

The construction of Honeywell control valves make them a easy choice for chilled water systems as many of our valves and actuators feature a corrosion resistant structure with protective coating to help protect the components from rust and corrosion. Preventing condensation is key to an efficient and well run chiller system; with some Honeywell valves you'll find our plastic construction as well as our larger standoffs, (which allow for insulation to be run around the pipes) helps to prevent the transfer of thermal heat therefore neutralizing your risk of condensation. Honeywell's line of ball valves also come with an option of pairing a NEMA3-R weather enclosure with the actuator assembly allowing for rooftop installations while protecting from the elements and heat transfer. The Honeywell commercial control valve line continues to offer the best control in the business, they are the superior choice for all of your chilled water installations.

## Take-Off Service

Honeywell now offers a valve, actuator and damper Specification Take-Off Service that will allow Honeywell contractors and distributors to submit job specifications and engineering quickly and easily. If you have any questions about this service, please call our Specification Take-Off Hotline **1-888-664-4092** or visit **customer.honeywell.com/spectakeoff**.

## Types of Valves



### Fan Coil Valves

#### VU Valve Family

- Sizes ½" - 1"
- 2-way or 3-way configurations (3-way available in mixing only)
- Corrosion proof construction (stainless steel case, aluminum cover and optional nickel plated motors)
- 2-position control (on-off)
- Field-replaceable in pipe



### Cartridge Globe Valves

#### V58 Valve Family

- Sizes ½" and ¾" available in equal percentage. Sizes 1" - 1½" available in linear and pressure balanced
- 2-way or 3-way configurations (3-way available in mixing only)
- Plastic construction doesn't transfer thermal heat and helps to prevent condensation
- Floating and modulating controls, with a spring return option also available
- High turn-down ratio
- Pneumatic actuation options



### Control Ball Valves

#### VBN Threaded Valve Family

#### VBF Flanged Valve Family

- Threaded ½" - 3", Flanged 4" - 6"
- 2-way configurable normally open or closed
- 3-way combo design for mixing and diverting
- Features a packless field-replaceable stem for easy service in pipe
- Large standoff for the actuator allows the pipe to be insulated helping to prevent condensation
- Weather-proof enclosures are available, allowing piping to be run outside without the worry of heat transfer
- Unique globe valve porting
- Extended rangeability
- Multiple Cv ratings in each body size to match load
- High close-off rated to ANSI d. 3 for seat leakage



### Cartridge Cage Valves

VC Valve Family

- Sizes ½" - 1¼"
- 2-way or 3-way configurations
- Floating modulating and fail-safe modulation actuators
- Engineered plastic actuator for corrosion resistance
- High Cv and flow ratings
- High close-off on all models
- Fast-acting 2 position with soft close technology



### Globe Valves

V5011, V5013 Threaded Valves,  
VGF Flanged Valve Families

- Sizes 2½" - 6"
- 2-way and 3-way, mixing and diverting
- ANSI 125/250 designs
- Electronic and pneumatic actuation options
- High close-off, low leakage, pressure balanced models, corrosion proof plated bonnets



### Butterfly Valves

VFF Flanged Valve Families

- Sizes 2" - 20"
- 2-way or 3-way configurations
- Most commonly used valve in chilled water applications
- Manufactured with corrosion resistant materials and coatings
- Electric and electronic actuators available with weather proof covers for outdoor applications
- The resilient seat design and nylon disk coating prevents metal valve parts from being exposed to chemicals in the water
- Medium and high close-off, bubble tight (ANSI-ISA-75.08.01-2002)
- Wide range of pneumatic actuators available
- Spring return actuators available

## Types of Applications

### Controlling Water At A Central Plant (Chiller Room)

- Hospital, institutional
- Hotels, Condominiums
- Airports, Military bases
- Server farms (computer room air conditioning)
- Cooling Towers (oxygenated)

### Fan Coil and Unit Ventilators

- Hotels – great energy savings associated with this application
- Condominiums – retrofitting fan coil units
- Ground source heat pump – replaces furnace & A/C for whole house

*Honeywell commercial control valve line continues to offer a complete line of valves and valve actuators in multiple configurations and requirements to meet all of your application needs.*

**Learn More**

Visit [customer.honeywell.com](http://customer.honeywell.com) and use the Product Selection Tool today.

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