

Thermostatic Mixing Valves



Higher water temperature helps reduce the risk of bacteria.

In order to minimize the spread of bacteria in a hot water system, it is recommended that the temperature upstream of the fittings be maintained at 140°F or higher. While it is believed that this will help prevent the growth of dangerous bacteria, it can also increase the risk of scalding.

With Chicago Faucets, you can count on:

Water delivered at a safe temperature every time

Chicago Faucets thermostatic mixing valves are designed to accompany the installation of any of our electronic or manual faucets and deliver water at a safe, consistent temperature. With bodies that are built to last as long as our faucets and the latest in thermostatic technology, our mixing valves will provide additional protection and years of trouble-free operation. We offer five thermostatic valves to meet installation and local code requirements.

Water delivered at a safe temperature to reduce the risk of scalding

With hot water storage temperatures set at a level to reduce the growth of Legionella, the risk of injury from scalding is increased. Chicago Faucets thermostatic mixing valves allow you to limit the water temperature at the point of delivery. An easy-to-use adjustment on any Chicago Faucets mixing valve lets you pre-mix hot and cold water, lowering the temperature and reducing the risk of scalding.

The 131 Series Mixing Valve

Easy Installation

Durable mounting bracket secures the valve to the wall and prevents strain on the supply lines

Easy Maintenance

One-piece replaceable cartridge includes an integrated screen filter

Convenience

Sturdy, vandal-resistant temperature adjustment handle enables precise control and prevents tampering

Durability

Heavy-duty, cast brass valve body is backed by an industry leading, lifetime limited warranty

Easy Installation

3/8" compression connections fit standard supply lines

Reliable Operation

Dual check valves protect against cross-flow

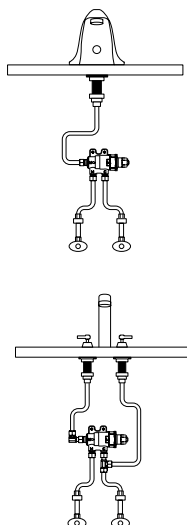
**BUY
AMERICAN
ACT**
COMPLIANT

ECAST

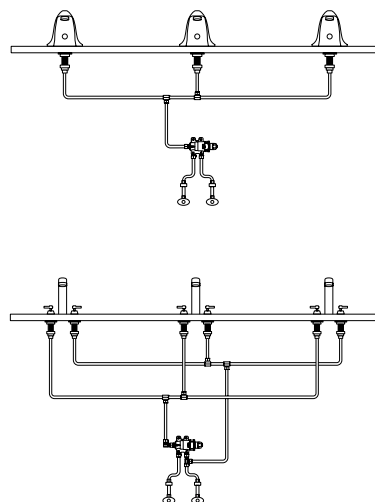
A Versatile and Expandable Solution for Tempered Water

The 131 Series Mixing Valve features a versatile design that allows it to be easily installed with our electronic faucets as well as our manual faucets. With a flow rate of up to 6.6 GPM, it allows you to expand the delivery of tempered water to multiple faucets with just a single 131 Series Valve.

Single or Dual Supply Installations – One Faucet



Single or Dual Supply Installations – Multiple Faucets



The 131 Series

Chicago Faucets 131 Series mixing valves provide a versatile solution that allows the delivery of tempered water to our electronic and manual faucets. The 6.6 GPM flow rate is nearly 3 times greater than comparable models, allowing you to use a single valve for multiple faucet installations.

- Standard 3/8" compression inlet and outlet
- Integral inlet check valves to protect against cross-flow
- Adjustment cap with locking feature
- Brass body construction
- Corrosion resistant internal components
- Includes wall bracket
- Thermostatic wax element design
- Thermostat controls both hot and cold water
- Up to 6.6 GPM flow rate for single or multiple faucet installations
- Certified to ASSE 1070 standards



New Built-In Bypass Feature for Thermal Disinfection Procedures

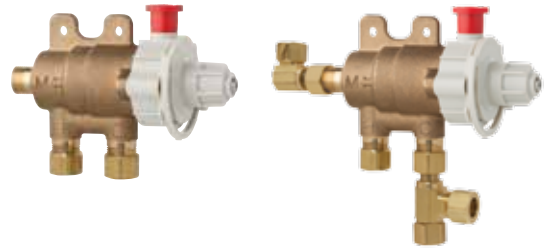
The 131-FM Series is the first ASSE 1070 thermostatic mixing valve that delivers tempered water in normal use and provides a built-in bypass for thermal disinfection procedures. When implementing thermal disinfection, the 131-FM features a simple button that allows waterways and valves to be flushed without the need for a separate bypass line to the faucet. And a two-step override procedure with tamper-resistant screw prevents unauthorized personnel from putting the valve into thermal disinfection mode.

Thermostatic Mixing Valves



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| 131-ABNF | 3-Port for Single Supply Installations |
| 131-CABNF | 4-Port for Single Supply Installations |

Thermostatic Mixing Valves with Integrated Bypass for Thermal Disinfection Applications



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| 131-FMAB | 3-Port for Single Supply Installations |
| 131-CFMAB | 4-Port for Single Supply Installations |

Built to be as durable and versatile as our faucets.

Our new 131 Series provides a dependable, durable, and long-lasting tempered water solution for your facility.

131 Series Mixing Valve Features and Benefits

| FEATURE | BENEFIT |
|--|--|
| 6.6 GPM flow rate | Higher flow rate allows for use with more than one faucet per valve |
| Integral cartridge filter screen | Easy accessibility for cleaning – no need to disconnect supplies to clean screen filters |
| Wall bracket | Aligns and secures valve to wall for proper orientation, relieves strain on supply lines |
| 3- and 4-port models available | Allows for flexibility in installations based on individual needs |
| Superior thermostatic element | Proven reliability for thermostatic applications |
| Self-contained cartridge | Allows for easy maintenance and replacement |
| Cast brass body and heavy-duty components | Manufactured domestically at our factory, allows us to maintain stringent quality control |
| Chloramine-resistant internal components | Resists internal component deterioration when chlorinated water is present in supply lines |
| NSF/ANSI 61 and NSF/ANSI 372 compliant valve | All models meet NSF water quality standards |
| Built-in bypass* | Eliminates the need for a separate bypass line to the faucet when flushing |

*FM models only

The 122 Series

Our 122-ABNF mixing valve provides up to a 12 GPM flow rate for hot water source applications (ASSE 1017), end use fixture fittings (ASSE 1069), and for single or multiple faucet applications (ASSE 1070).

- Standard 1/2" NPT threaded inlet and outlet union connections
- Integral inlet check valves to protect against cross-flow
- Adjustment cap with locking feature
- Bronze body construction
- Double throttling design to control both hot and cold water supply to the mixed outlet
- Corrosion resistant internal components
- Solid wax hydraulic principle thermostat controls both hot and cold water
- Installs between the stop valves and faucet
- Inlet filter washers to filter out debris
- Up to 12 GPM flow rate for single or multiple faucet installations
- Certified to ASSE 1017, 1069, and 1070 standards
- Low-lead compliant



ECAST

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| 122-ABNF | 3-Port for Single Supply Installations |
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ASSE Code Overview

ASSE 1017 Temperature Actuated Mixing Valves for Hot Water Distribution Systems

Does not address final temperature control at fixtures and appliances. It is concerned with valves used at the source of hot water for distribution to the supply system, and therefore allows wider variation of the outlet temperature at higher flow rates.

ASSE 1017 listed devices should never be used to deliver water directly to the user. These valves should be used in combination with an ASSE 1016 and/or ASSE 1070 listed device.

ASSE 1069 Automatic Temperature Control Mixing Valves

Developed for applications that include but are not limited to gang showers and sitz baths, by supplying water at a preset temperature through a single pipe supply. Mixing water downstream of an ASSE 1069 device is not allowed.

ASSE 1070 Water Temperature Limiting Devices

These devices control the maximum temperature supplied to fittings installed on a fixture or group of fixtures such as sinks, lavatories, or bathtubs. The device may either be the final temperature regulation or have water further tempered downstream with the addition of cold water.

For more information, please refer to the ASSE website at: www.ASSE-plumbing.org.



We are a member of the U.S. Green Building Council and support the Leadership in Energy and Environmental Design (LEED) Green Building Rating System™, to measure the efficiency and sustainability of buildings in the U.S. and Canada. If you are trying to achieve LEED Certification for your building, our low-flow outlets, metering cartridges, and sensor-operated faucets can contribute points in these areas: Water Efficiency Credit 2: Innovative Wastewater Technologies and Water Efficiency Credit 3: Water Use Reduction



We are proud to be a partner with WaterSense®, sponsored by the EPA and designed to protect the future of our nation's water supply by promoting efficiency and enhancing the market for water efficient products, programs, and practices.



We are a charter sponsor of the Alliance for Water Efficiency, a non-profit organization that is dedicated to the efficient and sustainable use of water. It brings together a diverse range of stakeholders to advocate water efficiency and conservation.



a Geberit company



Chicago Faucets, a member of the Geberit Group, is the leading brand of commercial faucets and fittings in the United States, offering a complete range of products for schools, laboratories, hospitals, office buildings, food service, airports, and sports facilities. Whatever your requirements may be, Chicago Faucets offers standard and made-to-order products that are designed to meet any commercial application.

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