The Chicago Faucet Company
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www.chicagofaucets.com

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.

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, retarding 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 changing 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 advocates for the efficient and sustainable use of water. It brings together a diverse range of stakeholders to advocate water efficiency and conservation.

The 131 Series Mixing Valve

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.

A Versatile and Expandable Solution for Tempered Water

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

Easy Installation
3/8˝ compression connections fit standard supply lines

Reliable Operation:
Dual check valves protect against cross flow

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

Easy Maintenance
One-piece replaceable cartridge includes an integrated screen filter

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Thermostatic Mixing Valves
With Chicago Faucets, you can count on:

- Five thermostatic valves to meet installation and local code requirements.
- The latest in thermostatic technology, our mixing valves will provide additional protection and years of trouble-free operation. We offer five brass body construction valves that are built to last as long as our faucets and provide water at a safe, consistent temperature.
- 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 temperatures 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:

- Thermostatic Mixing Valves with Integrated Bypass for Thermal Disinfection Applications
- Thermostatic Mixing Valves

Thermostatic Mixing Valves

- Brass body construction
- Adjustment cap with locking feature
- Integral inlet check valves to protect against cross flow
- Durable body construction
- Corrosion resistant internal components

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 in- and out-valves to be flushed without the need for a separate bypass line to the faucet. And in some situations, the procedure with tamper-resistant screw prevents unauthorized personnel from putting the valve into thermal disinfection mode.

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 ⅜” compression inlet and outlet
- Integral inlet check valves to protect against cross flow
- Adjustment cap with locking feature
- Durable body construction
- Corrosion resistant internal components

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.

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 concerns valves used at the source of hot water for distribution to the supply system, and therefore allows water variation of the outlet temperature at higher flow rates. ASSE 1017 listed device 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 1068 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 1068 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, urinals, or bathtubs. The device may either be the final temperature-regulator 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.
The 131 Series Mixing Valve

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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.

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 flow rate, duty, retarding cartridges, and emission- and water-saving faucets contribute points in these areas. Water Efficiency Credit 3: Innovative Water Technologies and Water Efficiency Credit 3: Water Use Reduction.

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Chicago Faucets, a member of the Geberit Group, is the leading brand of commercial faucets and fittings in the United States,
With Chicago Faucets, you can count on:

- 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

Thermostatic Mixing Valves

**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 6.5 GPM flow rate is nearly 3 times greater than comparable models, allowing you to use a single valve for multiple faucet installations.

- Includes wall bracket
- Thermostatic wax element design
- Pressure control hot and cold water
- Up to 6.5 GPM flow rate for single or multiple faucet installations
- Certified to ASSE 1070 standards

New Build-In Bypass Feature for Thermal Distribution 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 distribution procedures. When implementing thermal distribution, the 131 FM features a simple button that allows valves and valves to be flushed without the need for a separate bypass line to the faucet. And on-off stop override procedure with tamper-resistant screws prevents unauthorized personnel from putting the valve into thermal distribution mode.

**Thermostatic Mixing Valves with Integrated Bypass for Thermal Disinfection Applications**

**Built to be as durable and versatile as our faucets.**

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

**131 Series Mixing Valve Features and Benefits**

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**122 Series**

Chicago Faucets’ 122 Series mixing valve provides up to a 12 GPM flow rate for hot water source applications (ASSE 1017), and use feature fittings (ASSE 1050), 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
- Brass body construction
- Double fronting design to control both hot and cold water supply to the mixed outlet
- Flow rates: up to 12 GPM flow rate for single or multiple faucet installations
- Certified to ASSE 1017, 1050, and 1070 standards
- Low-lead compliant

**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 water 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 shower baths, by suppling 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, showers, 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.
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 of the water 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:

- **Operation.** We offer five thermostatic valves to meet installation and local code requirements.
- **Increased.** Chicago Faucets thermostatic mixing valves allow you to limit the water temperature at the point of delivery.
- **Water delivered at a safe temperature to reduce the risk of scalding.**
- **Water delivered at a safe temperature every time**

**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 the valves and valves to be flushed out of the system for a separate bypass line to the faucet. And upon completion of the procedure with tamper-resistant screw prevents unauthorized personnel from putting the valve into thermal disinfection mode.

**Thermostatic Mixing Valves**

- **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**

**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 an upset 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, urinals, or bathtubs. The device may either be the final temperature regulation or have water further tempered downstream with the addition of cold water.

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Chicago Faucets is a partner with the Sustainable Building Leadership Council, a nonprofit organization established to promote the building of sustainable buildings. Sustainable building is defined as a building which exceeds the minimum performance standards established by government and regulatory agencies. Sustainable buildings are designed with flexibility and adaptability in mind to accommodate future changes in use and energy requirements.

Chicago Faucets is also a member of the U.S. Green Building Council and supports 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.

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