Get comprehensive scald protection from Chicago Faucets.

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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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.

Scald burns from faucets and showers can happen to anyone, but especially young children, older adults, and people with disabilities.

ASSE 1070 For Faucets
This standard covers devices intended to limit the hot or tempered water temperature supplied to lavatories:
– Valves must be thermostatic
– Valves must provide scald protection at the rated flow rate of the fixture
– Faucets can have an integrated thermostatic design or water can be tempered using an add-on valve
– The valve must be set to deliver a maximum water temperature of 120°F or less
– For non-adjustable water temperature fixtures the outlet temperature must be 110°F or less

ASSE 1016 For Tubs/Showers
This standard covers tub and shower fixtures that are adjusted and controlled by the user:
– Valves can be pressure-balancing, thermostatic, or combination pressure-balancing/thermostatic
– In-line thermostatic valves may not be utilized to meet this standard
– Valves must provide scald and thermal shock protection for the rated flow rate of the installed shower head
– The valve must limit the maximum setting to 120ºF
– The valve must also have a maximum temperature limit stop set prior to occupancy
– The limit stop must be checked and adjusted seasonally to reflect changes in cold water temperature

Most products in this brochure feature TempShield, built-in anti-scald technology available exclusively from Chicago Faucets. All were designed and rigorously tested to meet the latest codes for your lavatory and shower projects. Built-in scald protection means:
– Quicker installation and lower installation cost
– Fewer potential leak points
– No chance that an anti-scald device will be left out of the installation
Get comprehensive scald protection from Chicago Faucets.

Scald burns from faucets and showers can happen to anyone, but especially young children, older adults, and people with disabilities.

Overview of the ASSE standards for lavatory and shower products.

ASSE 1070 For Faucets
This standard covers faucets intended to limit the hot or tempered water temperature supplied to lavatories:

- Valves must be thermostatic
- Valves must provide scald protection at the rated flow rate of the fixture
- Faucets can have an integrated thermostatic design or water can be tempered using an additive valve
- The valve must be set to deliver a maximum water temperature of 120°F or less
- For non-adjustable water temperature fixtures the outlet temperature must be 110°F or less

ASSE 1016 For Tubs/Shower
This standard covers tub and shower fixtures that are adjusted and controlled by the user:

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Most products in this brochure feature TempShield, built-in anti-scald technology available exclusively from Chicago Faucets. Many models are factory-tested to meet the latest codes for your lavatory and shower projects. Built-in scald protection means:

- Quicker installation and lower installation cost
- Fewer potential leak points
- No chance that an anti-scald device will be left out of the installation

This information is provided as a convenient quick reference. To make sure your installation is fully compliant, always check the local and state codes in your area.
Only Chicago Faucets offers a complete line of Lavatory Faucets with integrated scald protection.

410-T and 420-T Series
- Protects users against scalding without the need to plumb extra mixing valves.
- Meets ASSE 1070 and ADA requirements.

Ideal for commercial restrooms, protects users against scalding without the need to plumb extra mixing valves. Everything you need to meet current building codes and protect against scalding is built right into the faucet.

410-T and 420-T Series
Lavatory Faucets with integrated scald protection

- Offers a complete line of products with integrated scald protection.
- Meets ASSE 1070 and ADA requirements.
- Protects users against scalding and thermal shocks by constantly monitoring both the water temperature and pressure.

SH-PB Series
Pressure Balance tub and shower valves

- Monitors fluctuations in water pressure.
- Available with multiple tub and shower combinations, diverter, hand showers, and slide bars.
- Allows user to select a comfortable water temperature.

1905 and 2500 Series
Tub and shower valves

- Provides a consistent, safe temperature range for your residents and helps reduce the risk of scalding.
- Monitors fluctuations in water pressure.
- Meets the ASSE 1016 standard for fixtures that are adjusted and controlled by the user.

Tub and shower valve with trim SH-PB1-00-000
Tub and shower valve only 1905-VONF
Tub and shower valve with trim 1905-VOCCP

Complete systems available. Visit chicagofaucets.com for more details.
**Touch-Free Sensor Faucets with integrated scald protection**

**EQ Sense**
- Easy to install, easy to operate, and easy to maintain.
- Touch-free makes surfaces compact and prevents spread of airborne pathogens such as C. diff, norovirus, and MRSA.
- Combined ASSE 1070 and ADA requirements.
- Integrated ASSE 1070 thermostatic and a flowing spray eliminate the need for a separate mixing valve below the sink.
- Meets ADA requirements.

EQ Sense faucets help reduce surface contact in public areas and can help reduce the spread of potentially deadly infections.

Visit **eqseries.com** for additional styles and finishes.

### Power Supply & Water Temperature Control

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Water Temperature Control</th>
<th>Flow Rate (GPM/LPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC Thermostatic</td>
<td>•</td>
<td>0.35 / 1.5</td>
</tr>
<tr>
<td>DC Thermostatic</td>
<td>•</td>
<td>0.5 / 1.9</td>
</tr>
<tr>
<td>AC User Controlled Thermostatic</td>
<td>•</td>
<td>0.35 / 1.5</td>
</tr>
<tr>
<td>DC User Controlled Thermostatic</td>
<td>•</td>
<td>0.5 / 1.9</td>
</tr>
</tbody>
</table>

### Add-On Thermostatic Mixing Valves

<table>
<thead>
<tr>
<th>Description Model Number</th>
<th>Flow Rate (GPM/LPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermostatic, 3-port for single supply</td>
<td>0.35 / 1.5</td>
</tr>
<tr>
<td>Thermostatic, with integrated thermal flush option, 3-port for single supply</td>
<td>0.35 / 1.5</td>
</tr>
</tbody>
</table>

Visit **www.chicagofaucets.com** for more details.

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**Products with integrated scald protection.**

- 410-T and 420-T Series with integrated scald protection
- Everything you need to meet current building codes and protect residents against scalding is built right into the faucet.
- Water conserving design
- Meets ASSE 1070 and ADA requirements
- Protect users against scalding and thermal shocks by constantly monitoring both the water temperature and pressure.
- Each valve is engineered to provide a consistent, safe temperature range for your residents and help reduce the risk of scalding.
- Available with multiple tub and shower combinations, diverter, hand shower, and slide bars
- Monitors fluctuations in water pressure
- Meets the ASSE 1016 standard for fixtures that are adjusted and controlled by the user
- Protects against temperature and pressure changes
- Allows user to select a comfortable water temperature
- Complete systems available. Visit chicagofaucets.com for more details.

- SH-PB Series Pressure Balance tub and shower valves
- Protects against temperature and pressure changes
- Provides easy water temperature setting
- Can be installed with or without a diverter
- Can be installed with or without a hand shower
- Can be installed with or without a slide bar
- Available in a variety of colors and finishes
- Monitors fluctuations in water pressure
- Meets ASSE 1016 and ADA requirements
- Equipped with a thermostatic mixing valve
- Protects against temperature and pressure changes
- Allows user to select a comfortable water temperature
- Complete systems available. Visit chicagofaucets.com for more details.

- EQ Series Touch-Free Sensor Faucets with integrated scald protection
- Meets ADA requirements
- Integrated ASSE 1070 thermostatic mixing valve eliminates the need for a separate mixing valve below the sink
- Touch-free reduces surface contact and potential to spread C. diff bacteria, MRSA, and other contact based pathogens
- Equipped with a thermostatic mixing valve
- Allows user to select a comfortable water temperature
- Complete systems available. Visit eqseries.com for additional styles and finishes.
Ideal for commercial restrooms, protects users against scalding without the need to plumb extra mixing valves.

Everything you need to meet current building codes and protect residents against scalding is built right into the faucet.

Add scald protection as part of an entire tub and shower system.

Protect users against scalding and thermal shocks by constantly monitoring both the water temperature and pressure.

Monitors fluctuations in water pressure
Meets the ASSE 1016 standard for fixtures that are adjusted and controlled by the user

Available with multiple tub and shower combinations, diverter, hand shower, and slide bars

Protects against temperature and pressure changes
Allows user to select a comfortable water temperature

EQ Series faucets help reduce surface contact in public areas
Touch-free reduces surface contact and potential to spread potentially deadly infections.

EQ Series
Touch-Free Sensor Faucets
with integrated scald protection

Meets ADA requirements
Integrated ASSE 1070 thermostatic mixing valve eliminates scalding risks

Scald Protection Building Codes
The majority of states have adopted the International Plumbing Code (IPC), Uniform Plumbing Code (UPC), or National Standard Plumbing Code (NSPC). These codes require ASSE 1070 and ASSE 1016 compliance to provide scald protection in commercial building projects.

Add-On Thermostatic Mixing Valves
Use to make any manual or electronic faucet ASSE 1070 compliant
Valves with a thermal flush option allow hot water disinfection of the entire system without the need for by-pass piping.

1. Use to make any manual or electronic faucet ASSE 1070 compliant
2. Valves with a thermal flush option allow hot water disinfection of the entire system without the need for by-pass piping.
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The Chicago Faucet Company
2160 South Clearwater Drive
Des Plaines, IL 60018
Phone: 847/803-5000
Fax: 847/803-5454
Technical: 800/832-8783
www.chicagofaucets.com

Overview of the ASSE standards for lavatory and shower products.

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