CHICAGO FAUCETS®
Geberit Group

Scald Protection Products

Integrated scald protection for lavatory and shower applications.

TempShield®

ASSE 1070 /1016 Certified
Integrated Scald Protection

A wide range of faucets with **integrated scald protection.**

Products Designed to Deliver
Comprehensive Scald protection

Products with TempShield – built-in anti-scald technology – are 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, lower installation cost, and fewer potential leak points. Plus, there's no chance that an anti-scald device will be left out of the installation.

Make Sure Your Products Meet The **ASSE Standards**

ASSE 1070 For Faucets
This standard covers devices intended to limit the hot or tempered water temperature supplied to lavatories:
– Valves must be thermostatic and 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

Chicago Faucets makes it easy to meet codes and stay in compliance at your facility.

TempShield®
ASSE 1070 /1016 Certified
Integrated Scald Protection

*Vandal proof outlet

The 410-T and 420-T Series

The 410-T and 420-T Series combine Chicago Faucets durability with ASSE 1070 certified scald protection built right into the faucet. The result is a cost effective, easy-to-install restroom faucet that protects users from dangerous temperatures.

Added Safety
ASSE 1070 certified scald protection is built into the faucet.

Fast and Easy Installation
Cuts installation time over 50%. Reduced connections eliminates six possible leak points.

Unsurpassed Durability
The solid brass body, backed by a 5-year warranty.

410-T

Reliable Operation
High quality ceramic discs are tested per ASME A112.18.1.

Vandal Resistance
Tamper-resistant outlet and handle help prevent vandalism.

Water Savings
Low-flow outlet options support water conservation efforts.

420-T

Single Hole

Model	GPM	Maximum Temperature
410-T41E37VPABCP*	1.5	105ºF
410-T41E64VPABCP*	1.0	105ºF
410-T41E2805ABCP*	0.5	105ºF
410-T41E39VPABCP*	0.35	105ºF
410-T45E2805ABCP*	0.5	113ºF
410-T45E39VPABCP*	0.35	113ºF

4˝ Centers

Model	GPM	Maximum Temperature
420-T41ABCP	1.5	105ºF
420-T41E74ABCP	1.0	105ºF
420-T41E2805ABCP*	0.5	105ºF
420-T41E39VPABCP*	0.35	105ºF
420-T45E2805ABCP*	0.5	113ºF
420-T45E39VPABCP*	0.35	113ºF

Cover Plates

Model	Size
240.627.21.1	4˝ CC
240.628.21.1	8˝ CC

For use with single hole models.

*Vandal proof outlet

Alpina® Series

The touchless operation and elegant profiles of Alpina® series faucets can enhance the look of any restroom. The compact control box delivers a host of options – all neatly secured below-deck.

Alento   Avisio®

Integral Scald Protection
All Alpina dual supply models feature integral ASSE 1070 compliant thermostatic protection for added safety.

Durable Construction
One-piece cast brass body with vandal resistant outlet is designed to withstand abuse and tampering.

New and Innovative Power Options
In addition to AC and DC, we now offer LTPS and SSPS power systems with Alpina faucets. Both deliver easy installation and maintenance-free performance.

New Quick-Connect Controller
Our slim profile, quick-connect controller provides easy electronics connection and allows the faucet to be operational in just minutes.

Power Options

LTPS ⚡
Long Term Power System
Maintenance-free power for 15 years or more.

SSPS 💧
Self Sustaining Power System
Uses flow of water to create and store power.

AC 🔌
Plug-In or Hard-Wire

DC 🔋
4 'AA' Batteries

LTPS

Model	GPM
Avisio®	
AEQ-P11A-63ABCP	0.5
Alento	
AEQ-B11A-63ABCP	0.5

SSPS

Model	GPM
Avisio®	
AEQ-P11A-23ABCP	0.5
Alento	
AEQ-B11A-23ABCP	0.5

AC

Model	GPM
Avisio®	
AEQ-P11A-33ABCP	0.5
Alento	
AEQ-B11A-33ABCP	0.5

DC

Model	GPM
Avisio®	
AEQ-P11A-13ABCP	0.5
Alento	
AEQ-B11A-13ABCP	0.5

EVR Series

The EVR Series combines the safety and convenience of touchless operation with the durability of a heavy-duty, one-piece cast brass body. Power options and mixing – including integrated ASSE 1070 certified scald protection – are concealed in a secure, easy to install, compact control box.

Durable construction
Heavy-duty, one-piece brass body with vandal resistant outlet designed to withstand abuse and tampering.

Improved user experience
Higher and longer spout reach combined with dependable electronics, improving the user experience.

Secure, compact control box for any application
Reduces connections and complexity of below deck components for a fast and easy installation.
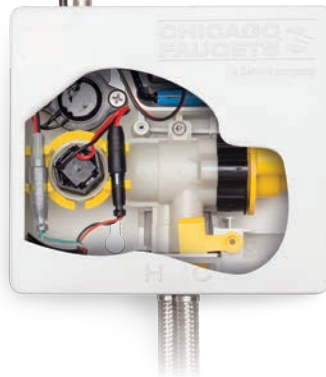
ASSE 1070 certified scald protection
Cuts installation time by 50% and eliminates as many as six leak points.

Power Options

LTPS
Long Term Power System
Maintenance-free power for 15 years or more.

AC
Plug-In or Hard-Wire

DC
Lithium CRP2 Battery

Optional Commander™

Use the optional Commander™ handheld unit to maintain and monitor your faucets.
– Five running modes
– Hygiene flush
– Track usage
– Multiple field adjustable modes and detection ranges

LTPS

Model	GPM
EVR-A12D-63ABCP	0.35
EVR-A12A-63ABCP	0.5

AC

Model	GPM
EVR-A12D-43ABCP	0.35
EVR-A12A-43ABCP	0.5

DC

Model	GPM
EVR-A12D-13ABCP	0.35
EVR-A12A-13ABCP	0.5

The E-Tronic® 80 Series

Above-deck electronics and integrated scald protection help to make the E-Tronic 80 one of the very best touchless faucet solutions. Pair the faucet with a matching touchless soap dispenser for the ultimate in restroom hygiene and convenience.

ASSE 1070 certified scald protection
Cuts installation time by 50% and eliminates as many as six leak points.

Easy to adjust
Use the optional Commander™ handheld unit to maintain and monitor your faucets.
– Five running modes
– Hygiene flush
– Track usage
– Multiple field adjustable modes and detection ranges

User convenience
Dual-supply models feature user adjustable temperature control that can be easily converted to concealed control with included vandal resistant cap.

Saves water
Adjustable run time with vandal resistant outlet options from 0.35 to 1.5 GPM.

Fast and easy Installation
All electronics are above deck for fast installation and easy maintenance. Includes stainless steel hoses

Dependable operation
Multiple field-adjustable modes and detection ranges for optimum performance.

Matching soap dispenser
Add a soap dispenser for the ultimate in restroom hygiene and convenience.

Power Options

LTPS ⚡
Long Term Power System
Maintenance-free power for 15 years or more.

AC 🔌
Plug-In or Hard-Wire

DC 🔋
Lithium CRP2 Battery

Choice of finishes

Polished Chrome (CP)

Matte Black (MB)

LTPS

Model	GPM	FINISH
E80-A11F-67ABCP	1.5	Polished Chrome
E80-A11E-67ABCP*	1.0	Polished Chrome
E80-A11A-67ABCP	0.5	Polished Chrome
E80-A11H-67ABCP*	0.5	Polished Chrome
E80-A11D-67ABCP	0.35	Polished Chrome
E80-A11A-67ABMB	0.5	Matte Black
E80-A11D-67ABMB	0.35	Matte Black

AC

Model	GPM	FINISH
E80-A11F-47ABCP	1.5	Polished Chrome
E80-A11E-47ABCP*	1.0	Polished Chrome
E80-A11A-47ABCP	0.5	Polished Chrome
E80-A11H-47ABCP*	0.5	Polished Chrome
E80-A11D-47ABCP	0.35	Polished Chrome
E80-A11A-47ABMB	0.5	Matte Black
E80-A11D-47ABMB	0.35	Matte Black

DC

Model	GPM	FINISH
E80-A11F-17ABCP	1.5	Polished Chrome
E80-A11E-17ABCP*	1.0	Polished Chrome
E80-A11A-17ABCP	0.5	Polished Chrome
E80-A11H-17ABCP*	0.5	Polished Chrome
E80-A11D-17ABCP	0.35	Polished Chrome
E80-A11A-17ABMB	0.5	Matte Black
E80-A11D-17ABMB	0.35	Matte Black

*Laminar

EQ Series

We took what we know about building the highest quality commercial faucets in the world and combined it with advanced electronics. The result? EQ, the next generation of electronic faucets: easy to install, easy to operate, and easy to maintain.
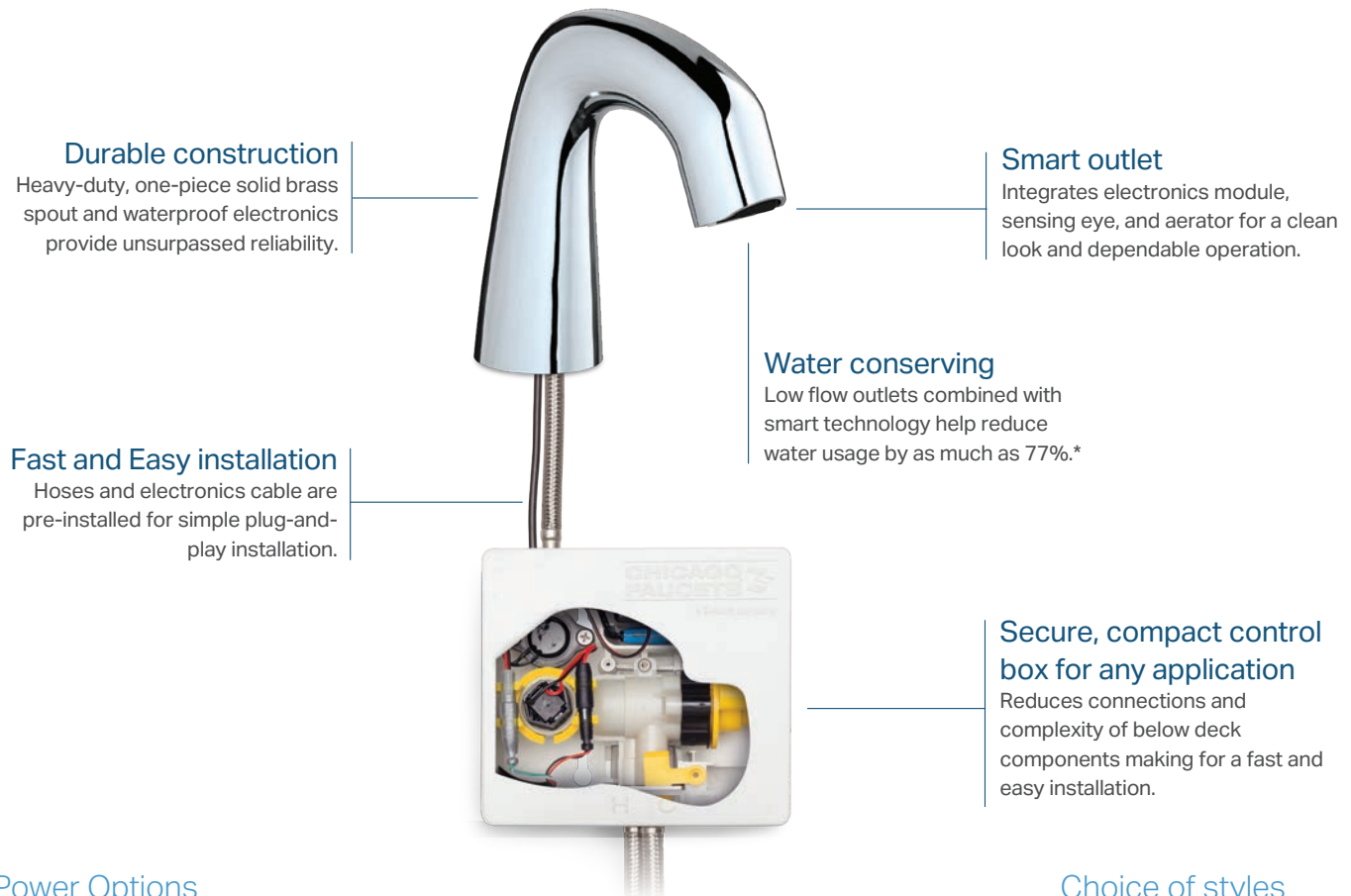
Durable construction
Heavy-duty, one-piece solid brass spout and waterproof electronics provide unsurpassed reliability.

Smart outlet
Integrates electronics module, sensing eye, and aerator for a clean look and dependable operation.

Water conserving
Low flow outlets combined with smart technology help reduce water usage by as much as 77%.*

Fast and Easy installation
Hoses and electronics cable are pre-installed for simple plug-and-play installation.

Secure, compact control box for any application
Reduces connections and complexity of below deck components making for a fast and easy installation.

Power Options

LTPS
Long Term Power System
Maintenance-free power for 15 years or more.

SSPS
Self Sustaining Power System
Uses flow of water to create and store power.

AC
Plug-In or Hard-Wire

DC
4 'AA' Batteries

Choice of styles

Curved

High Arc

LTPS

Model	GPM
Curved	
EQ-A11C-63ABCP	0.35
EQ-A11A-63ABCP	0.5
High Arc	
EQ-A11C-63ABCP	0.35
EQ-C11A-63ABCP	0.5

SSPS

Model	GPM
Curved	
EQ-A11C-23ABCP	0.35
EQ-A11A-23ABCP	0.5
EQ-A11B-23ABCP	1.0
High Arc	
EQ-C11C-23ABCP	0.35
EQ-C11B-23ABCP	1.0

AC

Model	Power	GPM
Curved		
EQ-A11C-33ABCP	Plug-In	0.35
EQ-A11A-33ABCP	Plug-In	0.5
EQ-A11A-53ABCP	Hard-Wire	0.5
High Arc		
EQ-C11A-33ABCP	Plug-In	0.5
EQ-C11A-53ABCP	Hard-Wire	0.5

### DC

Model	GPM
Curved	
EQ-A11A-13ABCP	0.5
High Arc	
EQ-C11A-13ABCP	0.5

*Based on using an 0.5 GPM EQ faucet to replace a 2.2 GPM faucet. In 40 seconds, the 2.2 GPM flow rate would use 1.47 gallons while the EQ faucet would use 0.33 gallons.

ELR Series Ligature Resistant Touch Free Faucet

The ELR combines the added safety of ligature resistance and touch-free operation with the durability of a heavy-duty, one-piece cast brass body.* Power options and mixing – including integrated scald protection – are concealed in a secure, compact control box.
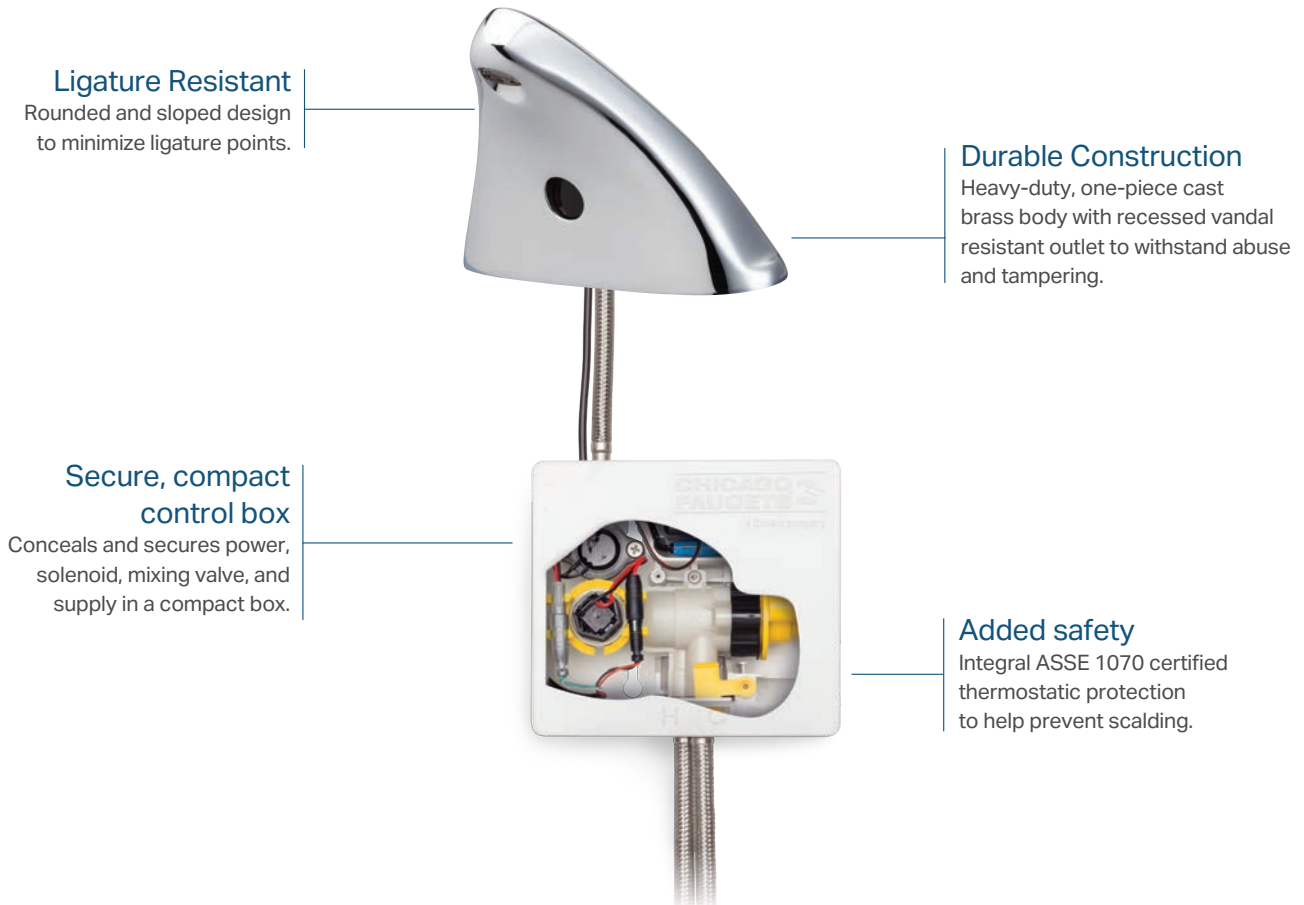
Ligature Resistant
Rounded and sloped design to minimize ligature points.

Durable Construction
Heavy-duty, one-piece cast brass body with recessed vandal resistant outlet to withstand abuse and tampering.

Secure, compact control box
Conceals and secures power, solenoid, mixing valve, and supply in a compact box.

Added safety
Integral ASSE 1070 certified thermostatic protection to help prevent scalding.

Power Options

LTPS
Long Term Power System
Maintenance-free power for 15 years or more.

AC
Plug-In or Hard-Wire

DC
Lithium CRP2 Battery

Optional Commander™

Handheld programming unit maintains and monitors the faucets.
– Five Running Modes
– Hygiene Flush
– Track Usage

LTPS

Model	GPM
ELR-E12A-63ABCP	0.5
ELR-E12E-63ABCP	1.0

AC

Model	GPM
ELR-E12A-43ABCP	0.5
ELR-E12E-43ABCP	1.0

DC

Model	GPM
ELR-E12A-13ABCP	0.5
ELR-E12E-13ABCP	1.0

DISCLAIMER
*This product, when installed in accordance with the Installation Instructions, is designed to decrease the probability that it may be utilized as an apparatus for ligature. Chicago Faucets does not represent or warrant that this product is able to prevent death or injury, or resist all ligature attachment, and this product is not a substitute for the proper evaluation, treatment and supervision of persons at risk of suicide. Chicago Faucets makes no express or implied warranties regarding the ability of the product to prevent death or injury or resist all ligature attachment.

Engineered to provide a **consistent, safe temperature.**

TempShield®

ASSE 1016 Certified
Integrated Scald Protection

Thermostatic/Pressure Balancing Shower Valves

These valves provide protection against changes in both pressure and temperature. Using advanced thermal actuator technology, they maintain a consistent temperature, regardless of fluctuations within the plumbing supply lines.

Description	Model Number
Valve with trim	1905-VOCCP
Valve only	1905-VONF

Description	Model Number
Valve with trim	1920-VOCSCP
Valve only	1920-VONF

Description	Model Number
Valve with trim	1920-VOCRCP
Valve only	1920-VONF

Description	Model Number
Valve with trim	1920-VOC401RCP
Valve only	1920-VONF

Description	Model Number
Valve with trim, Quaturn cartridge	2500-VOCCP
Valve with trim, ceramic cartridge	2500-VOCXKCP

Pressure Balancing Only

Description	Model Number
Valve with trim	SH-PB1-00-000
Valve only	1910-VONF

Specialty Thermostatic/Pressure Balancing Shower Valves

Automatic Drain Shower Valve
Our automatic drain system is designed to help reduce stagnant water in the valve and pipes of the shower system. A drain integrated into the valve automatically removes water from the system after each use.

Available with a shower head or hand shower.
Choice of four shower heads or hand spray with drain.

Description	Model Number
Valve with trim	1921-VOCCP
Valve only	1921-VONF

Ligature Resistant Shower Valve*
Designed to help create a safer environment, our ligature resistant products deliver durable, long lasting, solid brass construction and scald protection to provide a safe, solid solution in high-risk areas.

Available with a ligature resistant shower head*
Sloped, low profile design with no shower arm anchored to wall with four tamper resistant screws.

Description	Model Number
Valve with trim	1920-VOCLRCP
Valve only	1920-VONF

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Add-On Thermostatic Mixing Valves

These valves can be used to make any manual or electronic faucet ASSE 1070 compliant. Mixing valves with a thermal flush option allow hot water disinfection of the entire system without the need for bypass piping.
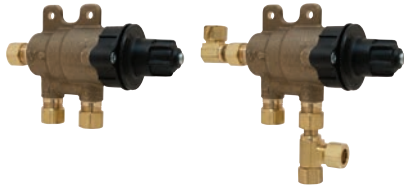
Description	Model Number
Thermostatic mixing valve, 3-port for single supply	131-ABNF
Thermostatic mixing valve, 3-port for single supply	131-ABRCF*
Thermostatic mixing valve, 4-port for single supply	131-CABNF
Thermostatic mixing valve, 4-port for single supply	131-CABRCF*

*Rough chrome finish
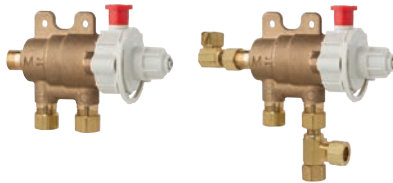
| Description	Model Number
Thermostatic valve with integrated thermal flush option, 3-port for single supply	131-FMAB
Thermostatic valve with integrated thermal flush option, 3-port for single supply	131-FMABRCF*
Thermostatic valve with integrated thermal flush option, 4-port for single supply	131-CFMAB
Thermostatic valve with integrated thermal flush option, 4-port for single supply	131-CFMABRCF*

*Rough chrome finish

| Description	Model Number
Thermostatic valve, 3-port for single supply	122-ABNF

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 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
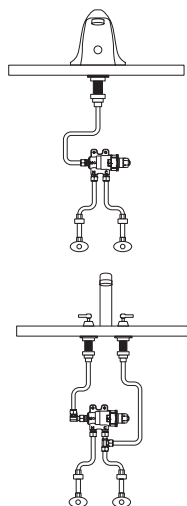
Single or Dual Supply Installations
Multiple Faucets
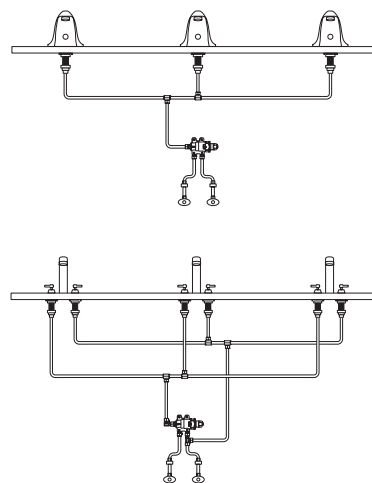
The Smart Choice
For Commercial Faucet Solutions.

We can help take the hassle out of selecting the right products for your project. To learn more about the options available, visit our website or contact us directly to discuss your requirements today.

Call: 847/803-5000
Write: customerservice.us@chicagofaucets.com

Visit: chicagofaucets.com/support/where-to-buy to find your Sales Representative or a Chicago Faucets plumbing distributor near you.

CHICAGO FAUCETS®
Geberit Group

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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