

**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 1070 /1016 Certified
Integrated Scald Protection



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 120°F
- 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.

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.



Single Hole

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

4" Centers

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

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

HyTronic® With TempShield® Scald Protection



TempShield®

Integrated ASSE 1070
Certified Scald Protection

A new solution for safe, touchless convenience.

Proven dependability and integrated **ASSE 1070 Certified Scald Protection** helps make HyTronic® touchless faucets the very best solution for safety and hygiene. Above-deck components and the CF Connect App combine for easy adjustment and maintenance.



Pick a style to match your application.

We offer a choice of three distinct spout styles, including our popular gooseneck spout, to meet your needs.



Choice of advanced power options.

Also available in AC Plug-In or Hard-Wire and DC Lithium CRP2 Battery.

LTPS

Maintenance-free power for 15 years or more.

EBPS

Integrated backup power system for AC faucets.

HyTronic® With TempShield® Scald Protection

How to read the HyTronic® With TempShield® model number

Position	1	2	3	4	5	Finish
H-	XX	1	X	-	X	ABCPT

Model Number Reference Chart

Position	Feature	Code	Description
1	Spout Design	C3	Contemporary Spout
		T1	Traditional Spout
		G1	GN2 Gooseneck Spout
		G6	GN6 Gooseneck Spout
2	Mounting	1	Single Hole Mounting
3	Flow Control	H	0.5 GPM Laminar Flow Outlet
		K	1.5 GPM Internal Flow Control

Model number example: H-T11H-15ABCPT

This is a HyTronic® (H) with a traditional spout (T1), single hole mount (1), 0.5 GPM laminar outlet (H), battery power (1), with a user-adjustable mix (5), lead-free (AB), polished chrome finish (CP), and CF Connect compatible (T).

Position	Feature	Code	Description
4	Power Source	1	Battery (DC) Power
		4	AC Power Less Transformer
		6	Long Term Power System (LTPS)
		7	Emergency Backup Power Supply (EBPS)
5	Mixing	3	Internal Mixer
		5	User Adjustable Mixer

HyTronic® With TempShield® – Contemporary

	Power Source				Mixer		Flow Rate	
	AC	DC	LTPS	EBPS	Concealed	User Adjustable	0.5 GPM Non-Aerating Laminar Spray Outlet	1.5 GPM Flow Control with Plain Spout End
H-C31H-43ABCPT	■	—	—	—	■	—	■	—
H-C31H-45ABCPT	■	—	—	—	—	■	■	—
H-C31H-13ABCPT	—	■	—	—	■	—	■	—
H-C31H-15ABCPT	—	■	—	—	—	■	■	—
H-C31H-63ABCPT	—	—	■	—	■	—	■	—
H-C31H-65ABCPT	—	—	■	—	—	■	■	—

HyTronic® With TempShield® – Traditional

	Power Source				Mixer		Flow Rate	
	AC	DC	LTPS	EBPS	Concealed	User Adjustable	0.5 GPM Non-Aerating Laminar Spray Outlet	1.5 GPM Flow Control with Plain Spout End
H-T11H-43ABCPT	■	—	—	—	■	—	■	—
H-T11H-45ABCPT	■	—	—	—	—	■	■	—
H-T11H-13ABCPT	—	■	—	—	■	—	■	—
H-T11H-15ABCPT	—	■	—	—	—	■	■	—
H-T11H-63ABCPT	—	—	■	—	■	—	■	—
H-T11H-65ABCPT	—	—	■	—	—	■	■	—



HyTronic® With TempShield® – Gooseneck, 5-1/4" C-C

	Power Source				Mixer		Flow Rate	
	AC	DC	LTPS	EBPS	Concealed	User Adjustable	0.5 GPM Non-Aerating Laminar Spray Outlet	1.5 GPM Flow Control with Plain Spout End
H-G11H-43ABCPT	■	—	—	—	■	—	■	—
H-G11H-45ABCPT	■	—	—	—	—	■	■	—
H-G11K-43ABCPT	■	—	—	—	■	—	—	■
H-G11K-45ABCPT	■	—	—	—	—	■	—	■
H-G11H-13ABCPT	—	■	—	—	■	—	■	—
H-G11H-15ABCPT	—	■	—	—	—	■	■	—
H-G11K-13ABCPT	—	■	—	—	■	—	—	■
H-G11K-15ABCPT	—	■	—	—	—	■	—	■
H-G11H-63ABCPT	—	—	■	—	■	—	■	—
H-G11H-65ABCPT	—	—	■	—	—	■	■	—
H-G11K-63ABCPT	—	—	■	—	■	—	—	■
H-G11K-65ABCPT	—	—	■	—	—	■	—	■



**The Facilities Guidelines Institute
recommends a spout reach of at least
6" for handwashing stations.**

These faucets meet the new FGI recommendation and are ideal for medical, patient, and surgical areas.



HyTronic® With TempShield® – Gooseneck, 6" C-C

	Power Source				Mixer		Flow Rate	
	AC	DC	LTPS	EBPS	Concealed	User Adjustable	0.5 GPM Non-Aerating Laminar Spray Outlet	1.5 GPM Flow Control with Plain Spout End
H-G61K-43ABCPT	■	—	—	—	■	—	—	■
H-G61K-45ABCPT	■	—	—	—	—	■	—	■
H-G61K-13ABCPT	—	■	—	—	■	—	—	■
H-G61K-15ABCPT	—	■	—	—	—	■	—	■
H-G61K-63ABCPT	—	—	■	—	■	—	—	■
H-G61K-65ABCPT	—	—	■	—	—	■	—	■
H-G61K-75ABCPT	■	—	—	■	—	■	—	■

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.



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-63ABCPT	0.5

Model	GPM
Avisio®	

SSPS

Model	GPM
Avisio®	
AEQ-P11A-23ABCPT	0.5

Model	GPM
Avisio®	

AC

Model	GPM
Avisio®	
AEQ-P11A-33ABCPT	0.5

Model	GPM
Avisio®	

DC

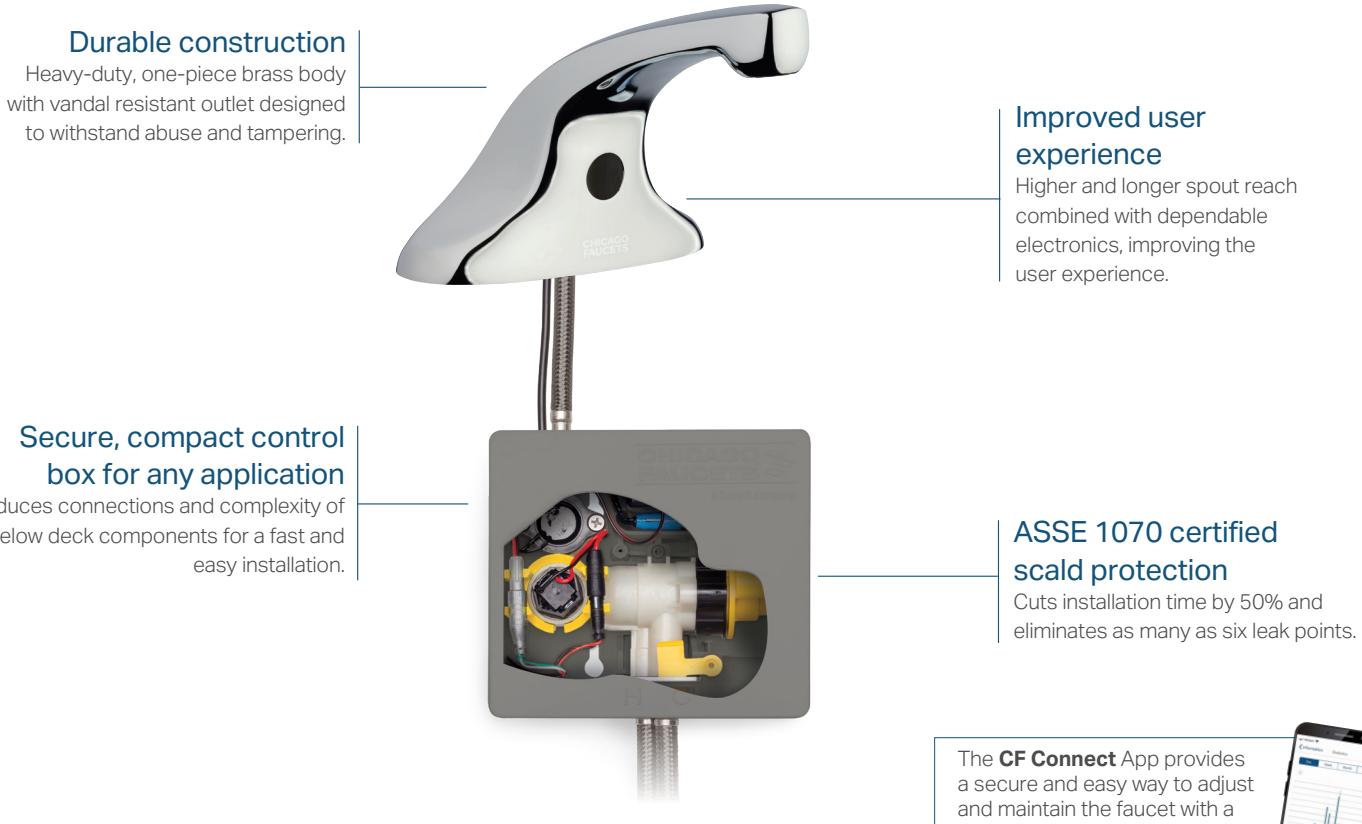
Model	GPM
Avisio®	
AEQ-P11A-13ABCPT	0.5

Model	GPM
Avisio®	

Note: Models with Bluetooth communication available early 2024. To order a standard model prior to 2024, order the same model number without the "T" at the end.

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.



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

The **CF Connect** App provides a secure and easy way to adjust and maintain the faucet with a smartphone.

- Hygiene Flush eliminates stagnant water from the plumbing system and removes harmful bacteria
- Six field-adjustable modes for metering, water savings, and detection ranges
- Track Usage



LTPS

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

AC

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

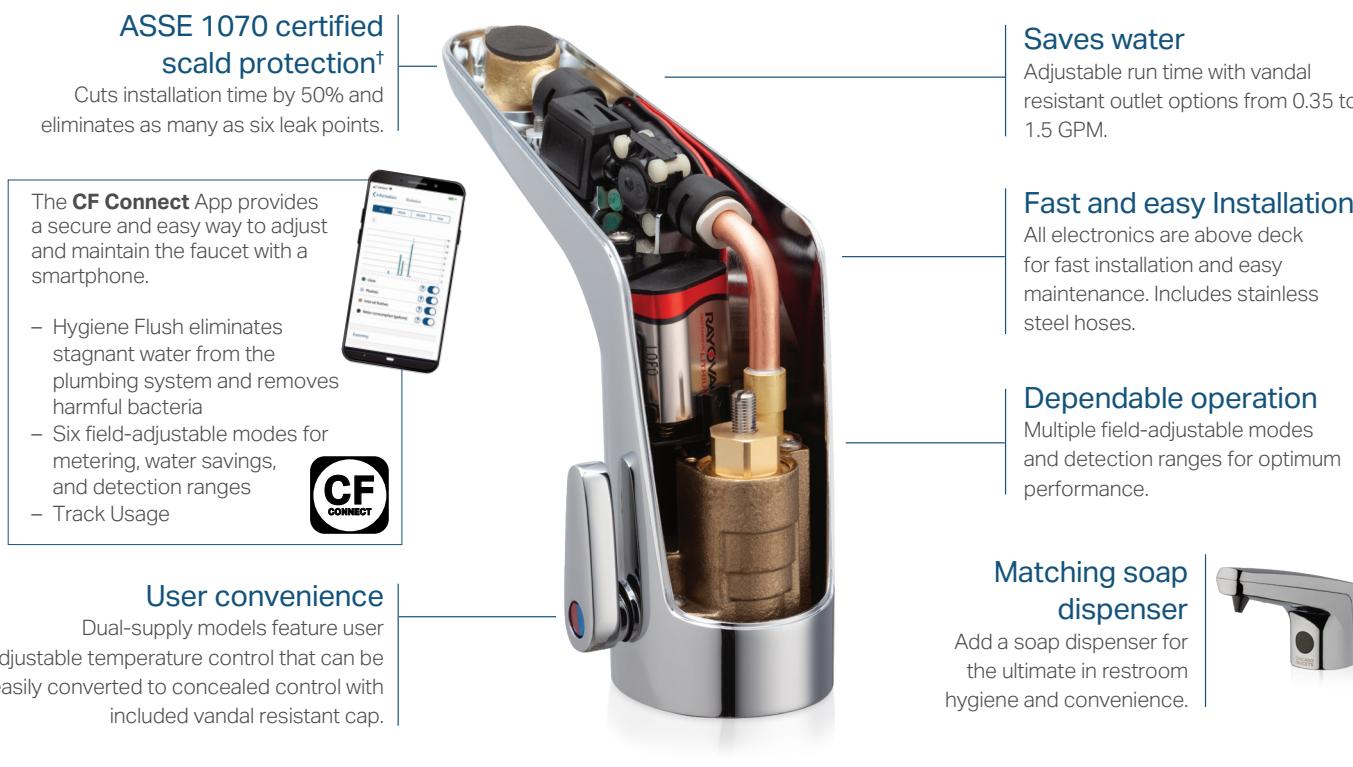
DC

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

Note: Models with Bluetooth communication available early 2024. To order a standard model prior to 2024, order the same model number without the "T" at the end.

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.



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



LTPS

Model	GPM	Finish
E80-A11F-67ABCPT	1.5	Polished Chrome
E80-A11E-67ABCPT*	1.0	Polished Chrome
E80-A11A-67ABCPT	0.5	Polished Chrome
E80-A11H-67ABCPT*	0.5	Polished Chrome
E80-A11D-67ABCPT	0.35	Polished Chrome
E80-A11A-67ABMBT	0.5	Matte Black
E80-A11D-67ABMBT	0.35	Matte Black

AC

Model	GPM	Finish
E80-A11F-47ABCPT	1.5	Polished Chrome
E80-A11E-47ABCPT*	1.0	Polished Chrome
E80-A11A-47ABCPT	0.5	Polished Chrome
E80-A11H-47ABCPT*	0.5	Polished Chrome
E80-A11D-47ABCPT	0.35	Polished Chrome
E80-A11A-47ABMBT	0.5	Matte Black
E80-A11D-47ABMBT	0.35	Matte Black

DC

Model	GPM	Finish
E80-A11F-17ABCPT	1.5	Polished Chrome
E80-A11E-17ABCPT*	1.0	Polished Chrome
E80-A11A-17ABCPT	0.5	Polished Chrome
E80-A11H-17ABCPT*	0.5	Polished Chrome
E80-A11D-17ABCPT	0.35	Polished Chrome
E80-A11A-17ABMBT	0.5	Matte Black
E80-A11D-17ABMBT	0.35	Matte Black

[†] U.S. Patent No.11,697,929. Only models with optional thermostatic mixer are ASSE 1070 certified.

*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.



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



LTPS

Model	GPM
Curved	
EQ-A11C-63ABCP	0.35
EQ-A11A-63ABCP	0.5
EQ-A11A-63ABCPT**	0.5
High Arc	
EQ-A11C-63ABCP	0.35
EQ-C11A-63ABCP	0.5
EQ-C11A-63ABCPT**	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-33ABCPT**	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
EQ-C11A-53ABCPT**	Hard-Wire	0.5

DC

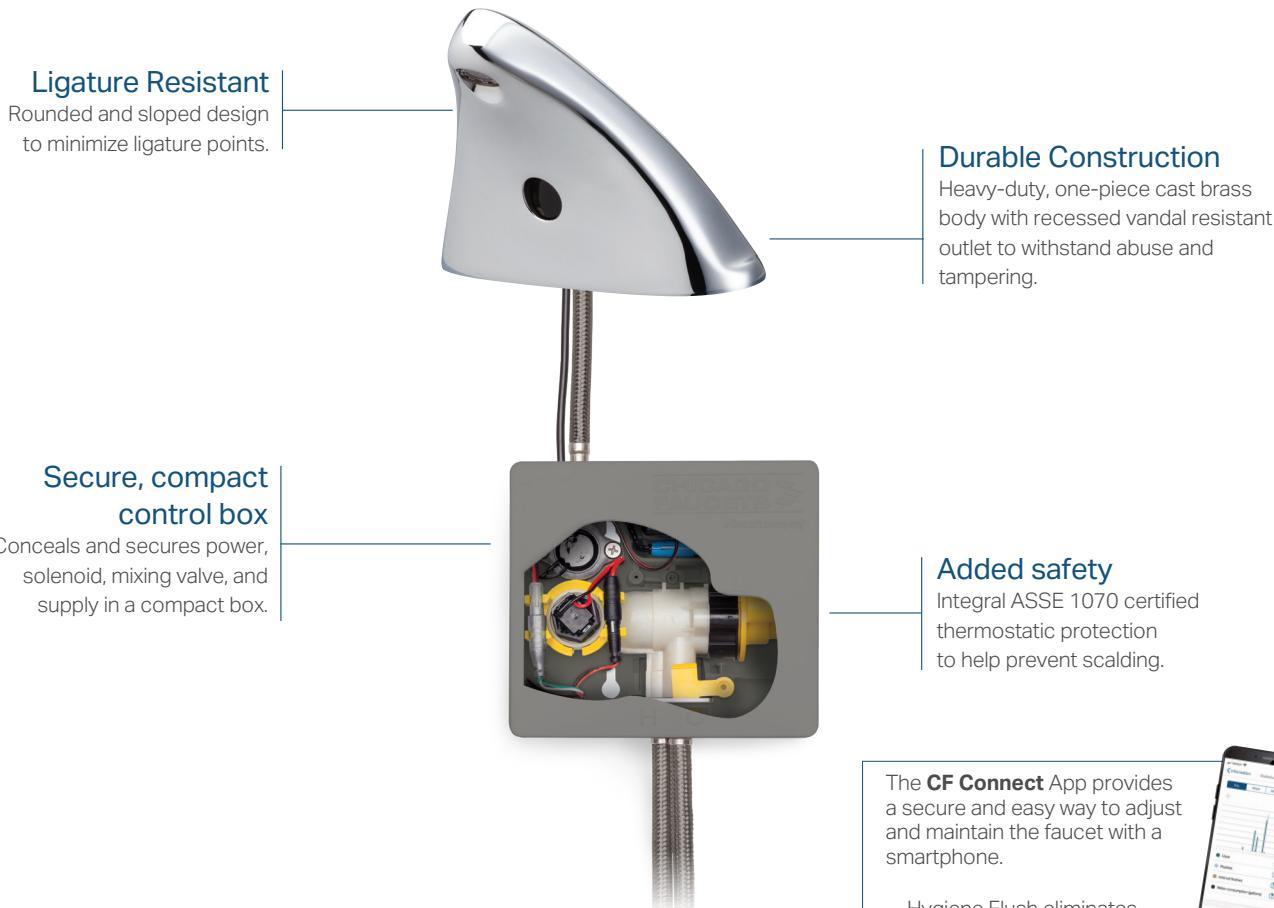
Model	GPM
Curved	
EQ-A11A-13ABCP	0.5
EQ-A11A-13ABCPT**	0.5
High Arc	
EQ-C11A-13ABCP	0.5
EQ-C11A-13ABCPT**	0.5

*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.

**Models with EQ Connect Bluetooth communication.

ELR Series Ligature Resistant Touchless 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.



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

The **CF Connect** App provides a secure and easy way to adjust and maintain the faucet with a smartphone.

- Hygiene Flush eliminates stagnant water from the plumbing system and removes harmful bacteria
- Six field-adjustable modes for metering, water savings, and detection ranges
- Track Usage



LTPS

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

AC

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

DC

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

Note: Models with Bluetooth communication available early 2024.

To order a standard model prior to 2024, order the same model number without the "T" at the end.

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.



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-VOCCP
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



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

Pressure Balancing Only

Specialty Thermostatic/Pressure Balancing Shower Valves



Auto-Drain® Shower Valve

Our Auto-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.

Complete Auto-Drain® shower systems are available, including models with a shower head, hand spray, and diverter valve.



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

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.



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-ABRCE*
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-FMABRCE*
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-CFMABRCE*

*Rough chrome finish

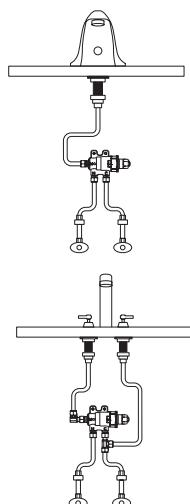


Description	Model Number
Thermostatic valve, 3-port for single supply	122-ABNF

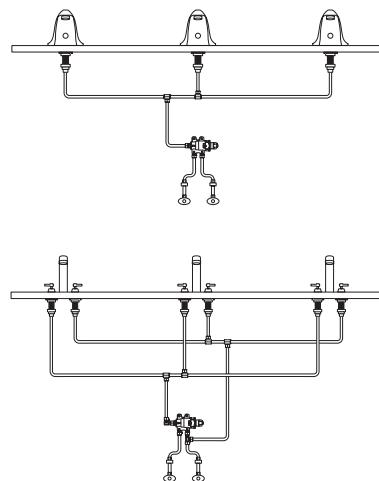
A Versatile and Expandable Solution For Tempered Water

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.

© 2025 The Chicago Faucet Company. Product specifications subject to change without notice.

CF2097 03/25

2100 South Clearwater Drive, Des Plaines, IL 60018

Phone: 847/803-5000 | Fax: 847/803-5454 | Technical: 800/832-8783 | www.chicagofaucets.com

