



## Electronic Faucets



a Geberit company

The **most** reliable electronic faucets you can buy.



**100** people.  
**6** times a day.  
**18** years.  
—————  
Just **one** faucet.

And we have the numbers to prove it.



### The HyTronic® and E-Tronic® 40

A little over five years ago, we set out to design an electronic faucet with a singular objective – to make the most dependable product available. In ongoing laboratory testing, our electronic faucets consistently reach over **4 million** faultless activations. That's the equivalent of **100 people washing their hands 6 times a day for 18 years.**

Outside the lab, results are just as impressive. The HyTronic is providing dependable, trouble-free performance in thousands of installations across the country.

**CHICAGO  
FAUCETS** 

a Geberit company

# Differences that add up to a better electronic faucet.

Chicago Faucets has designed a line of electronic faucets with unique features that combine to deliver easier installation, programming, maintenance, and design options for your building.



## Easy to install

Above-deck design for fast and straightforward installation. Modular design provides additional flexibility for easy product modifications.



## Easy to adjust

The new Commander™ handheld programming unit delivers a new level of faucet control with exclusive touch screen technology.



## Easy to service

Components are located above-deck and easy to access with watertight, anti-vandalism features.

## Match any architectural style

We offer six faucet styles to match the architectural style of just about any building.

## Choice of power

When it comes to powering your faucet, we offer three choices: AC, DC, or our new Self-Sustaining Power System.

## The Preferred Choice

Across the country, HyTronic and E-Tronic 40 are the preferred choice of engineers, architects, contractors, and building owners.

## Setting the Standard

You can count on Chicago Faucets meeting the latest codes and standards, including AB1953-2006, Vermont S.152, CALGreen, Buy American Act, and ADA requirements.



All of our electronic faucets are designed and manufactured with one quarter of one percent (0.25%) or less total lead content by weighted average.



California implemented the nation's first mandatory state-wide green building code. We offer a wide selection of electronic faucets that meet this new standard.



All of our electronic faucets are compliant to the Buy American Act of 1933.

**6 styles and over 60 unique configurations  
to match any application.**

We offer a faucet to meet any design and budget, including stylish lavatory faucets and functional goosenecks for both deck mount and wall mount applications.



**NEW!**  
HyTronic® Curve

HyTronic® Traditional and Contemporary



HyTronic® Deck Mount and Wall Mount Gooseneck

E-Tronic® 40

**CHICAGO  
FAUCETS**   
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## HyTronic® and E-Tronic® 40

Two great options for conservation and hygiene. Touch-free, dual beam design provides quick response time and improved hygiene. Precise metering, low-flow outlets, and enhanced programming options can provide substantial water savings.

### The E-Tronic® 40

*An affordable faucet with powerful features*

#### **Low Flow 0.5 gpm Spray Outlet**

Water conserving outlet for extra water savings.

#### **Metal Construction**

Spout and belly plate feature durable metal construction for long life.

#### **Warranty**

Backed by a 5-year warranty on the body and a 3-year warranty on the electronics.

#### **Easy to Install**

Integrated 4" base with single supply for tempered water fits all standard 4" sinks. Optional 8" coverplate available.

#### **Easy Maintenance**

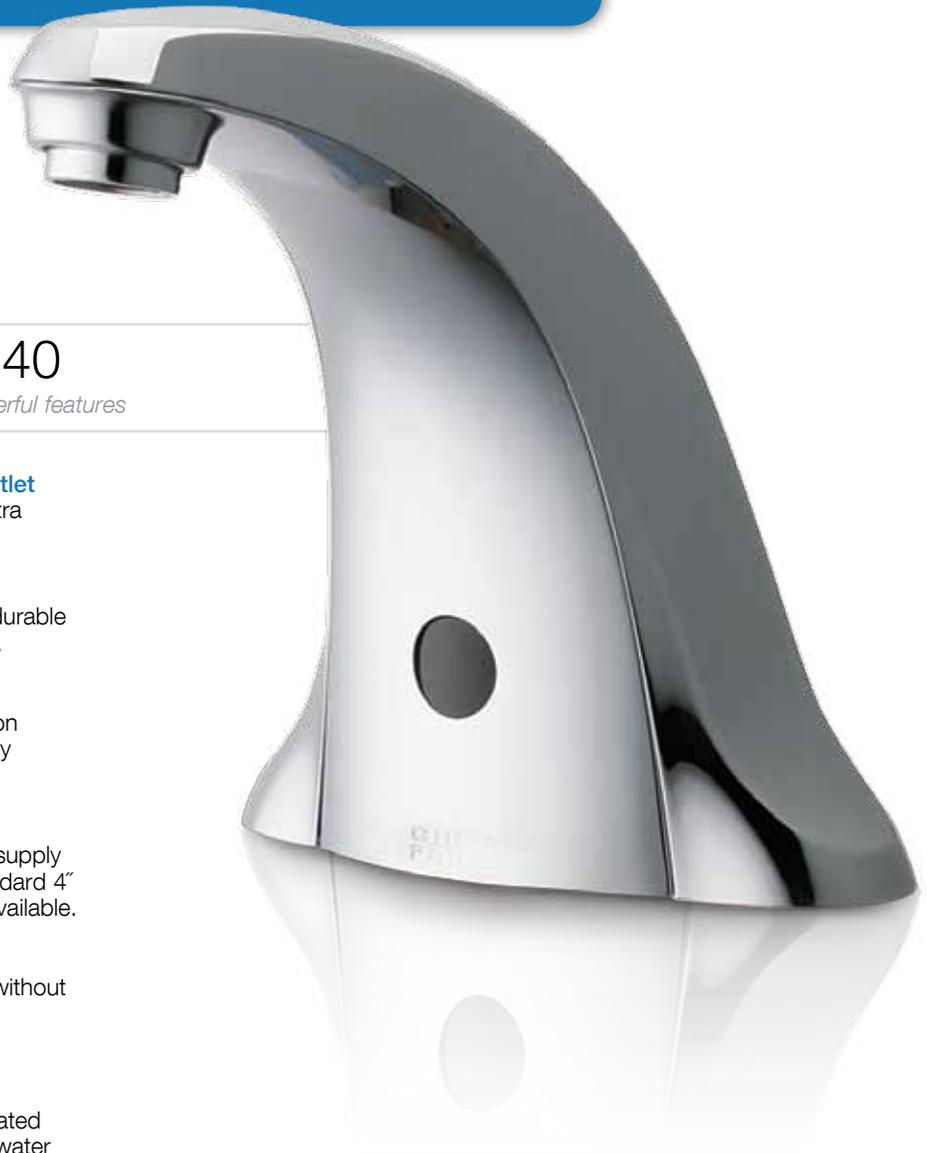
Perform routine maintenance without shutting off water.

#### **Water-Tight Electronics Module**

Hermetically sealed and integrated into housing to reduce risk of water damage and vandalism.

#### **Commander Compatible**

Use Commander handheld programming unit to adjust, monitor, and access three faucet operating modes.





## The HyTronic®

*Maximum flexibility for any application*

### **Interchangeable Outlets**

0.5 gpm outlet, with an optional 2.2 gpm insert, for additional flexibility. Models with flow control laminar insert are also available.

### **Cast Brass Spout**

High-quality brass casting with a refined finish for unrivalled durability.

### **Warranty**

Backed by a lifetime warranty on the body and a 3-year warranty on the electronics.

### **Easy Maintenance**

Perform routine maintenance without shutting off water.

### **Hermetically Sealed Electronics Module**

Integrated into housing, reduces risk of water damage and vandalism.

### **Low Power Solenoid Valve**

High-speed cycle rate, quiet operation, and easy accessibility.

### **Free Spin Hoses With Filters**

Single supply or dual supply hoses pre-installed on faucet for easy installation. Optional copper tubes are available.

### **Fully Commander Compatible**

Use Commander handheld programming unit to adjust, monitor, and access seven faucet operating modes.

## Control your faucet.

Programming, maintaining, and monitoring our faucets is in the palm of your hand with our Commander™ Handheld Programming Unit. Ruggedized housing, infrared communications, and touch screen technology deliver durable, hassle-free operation.

**Tool free adjustment.** Without touching the faucet, you can change faucet settings like sensing range and flow times.

**An expert at your fingertips.** Whatever the situation, Commander provides easy-to-read diagnostics and step-by-step adjustment procedures.

**Eliminates the guesswork.** With the Commander, your faucet will let you know if it needs service – whether it's a low battery or another easy-to-address maintenance issue.

**Take full advantage of Faucet Modes.** Commander allows you to easily take advantage of the unique modes included with your electronic faucet – like Clean Mode, Scrub Mode, or Water Saver mode – to allow you to truly match the faucet to its application.

**Record keeping made easy.** With the optional Commander Desktop software you can transfer data from your Commander unit to your PC, allowing you to create usage reports and maintenance records.



## Control the water temperature.

We offer 4 ways to control water temperature. Dual supply HyTronic faucets feature a user adjustable mixer or an internal concealed mixer. Below-deck mechanical and thermostatic mixing valves are available for single supply faucets.

### Superior Valve Design

The 131 Series Thermostatic Mixing Valve is designed to limit hot water and maintain a constant water temperature for our single supply faucets. The 131 Series incorporates durable brass construction, integral filter, check valves, and convenient access to the cartridge for easy maintenance. In addition to the standard model, additional models include inlet and outlet connectors.



## Control the power to your faucet.

We offer 4 ways to deliver power to your electronic faucet. Choose hardwire, plug-in, battery, or our new Self-Sustaining Power System.



### Long Life Battery

Our 6-volt lithium battery is designed to provide up to 3 years or 200,000 uses and is easy to replace.



### Plug-In Transformers

Choose a single-use or BAA compliant multi-use plug-in transformer for plug-in power.



### Hard-wire Transformers

Single-use or BAA compliant multi-use transformers allow hard-wire connection.

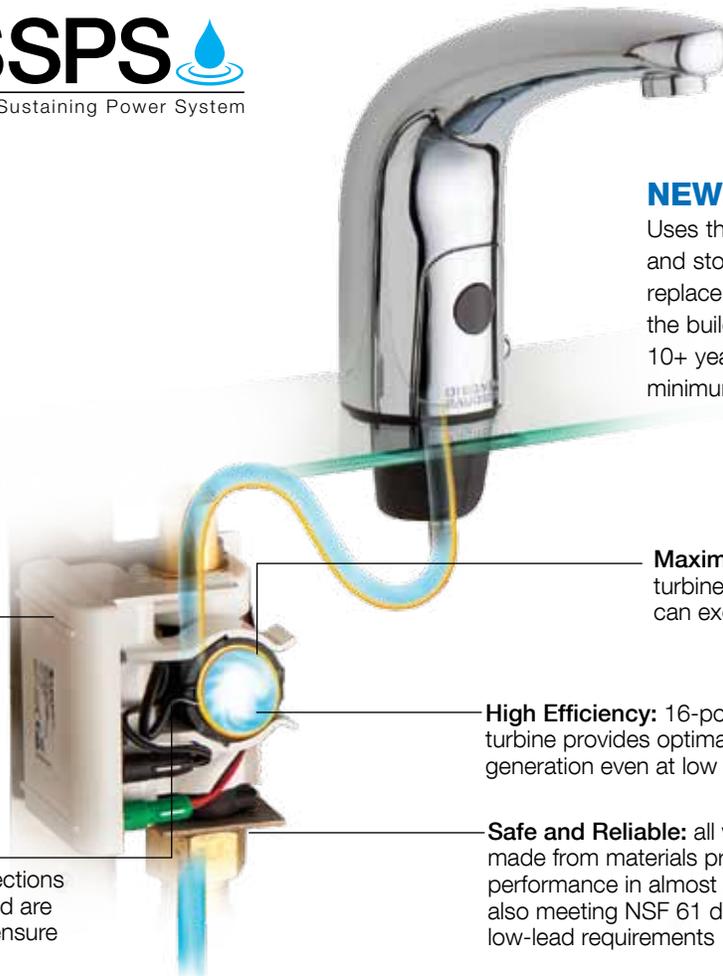


Self Sustaining Power System

**Extreme Durability:**  
heavy-duty ASA polymer housing protects all internal components

**Superior Protection:**  
fully potted mono-battery system resists humidity and water infiltration

**Easy Installation:**  
simple, secure wiring connections provide a watertight seal and are keyed and color-coded to ensure correct installation



### NEW! Hydraulic Flow Turbine

Uses the simple flow of water to create and store power. There's no need to replace batteries or wire the faucet to the building's power supply. Provides 10+ years of battery life with no minimum or maximum usage per day.

**Maximum Performance:** cross-flow turbine with specially designed nozzle can exceed 6200 RPM

**High Efficiency:** 16-pole magnet turbine provides optimal power generation even at low flow rates

**Safe and Reliable:** all waterway components are made from materials proven to provide superior performance in almost any water condition, while also meeting NSF 61 drinkability standards and low-lead requirements



**Merging  
Classic  
& Modern**

**NEW!**



## HyTronic® Curve

Introducing a sleek and sophisticated addition to our HyTronic line. This new faucet features a gracefully curved spout complemented by a laminar flow insert. The new HyTronic Curve is an artistic and functional addition to any public restroom.

### Product Features

- Graceful curve spout, 7-1/4" height to outlet

#### With Low Flow Outlet

- 0.5 gpm (1.9 L/min) vandal proof spray outlet
- Includes 2.2 gpm (8.3 L/min) aerator insert

#### With Laminar Flow Control

- 1.5 gpm (5.7 L/min) laminar flow control insert

Water Supply		Power Source			Internal Mixer		External Mixer		Low-Flow Outlet Models	Laminar Flow Models
Single	Dual	AC	DC	SSPS	Concealed	User Adjust	Mechanical	Thermostatic		
■	–	■	–	–	–	–	–	–	116.857.AB.1	116.859.AB.1
■	–	–	■	–	–	–	–	–	116.757.AB.1	116.759.AB.1
■	–	–	–	■	–	–	–	–	116.957.AB.1	116.959.AB.1
–	■	■	–	–	■	–	–	–	116.867.AB.1	116.869.AB.1
–	■	–	■	–	■	–	–	–	116.767.AB.1	116.769.AB.1
–	■	■	–	–	–	■	–	–	116.877.AB.1	116.879.AB.1
–	■	–	■	–	–	■	–	–	116.777.AB.1	116.779.AB.1
–	■	–	–	■	–	–	■	–	116.967.AB.1	116.969.AB.1
–	■	–	–	■	–	–	–	■	116.977.AB.1	116.979.AB.1



**Clean &  
Graceful  
Lines**

## HyTronic® Traditional and Contemporary

Traditional styling and a lower profile spout flow seamlessly into any interior design. Our contemporary faucet offers simple, clean lines and an uncluttered look in single and multiple sink applications. Durable, solid brass construction and above-deck electronics provide years of superior durability and convenience.

### Product Features

- Traditional spout design, 5-5/8" height to outlet
- Contemporary spout design, 6-1/8" height to outlet
- 0.5 gpm (1.9 L/min) vandal proof spray outlet
- Includes 2.2 gpm (8.3 L/min) aerator insert



HyTronic® Traditional

HyTronic® Contemporary

Water Supply		Power Source			Internal Mixer		External Mixer		Traditional Models	Contemporary Models
Single	Dual	AC	DC	SSPS	Concealed	User Adjust	Mechanical	Thermostatic		
■	–	■	–	–	–	–	–	–	116.101.AB.1	116.102.AB.1
■	–	–	■	–	–	–	–	–	116.201.AB.1	116.202.AB.1
■	–	–	–	■	–	–	–	–	116.951.AB.1	116.952.AB.1
–	■	■	–	–	■	–	–	–	116.111.AB.1	116.112.AB.1
–	■	–	■	–	■	–	–	–	116.211.AB.1	116.212.AB.1
–	■	■	–	–	–	■	–	–	116.121.AB.1	116.122.AB.1
–	■	–	■	–	–	■	–	–	116.221.AB.1	116.222.AB.1
–	■	–	–	■	–	–	■	–	116.961.AB.1	116.962.AB.1
–	■	–	–	■	–	–	–	■	116.971.AB.1	116.972.AB.1



**Versatile,  
Practical  
Design**



## HyTronic® Deck Mount and Wall Mount Gooseneck

These faucets combine the iconic look of the Chicago Faucets gooseneck spout with the technological superiority of our HyTronic product line. The end result is a faucet that delivers advanced functionality. Deck mount faucets include the choice of a standard or laminar flow spout.

### Product Features

#### Deck Mount Gooseneck

- Gooseneck spout, 6-7/8" height to outlet
- 0.5 gpm (1.9 L/min) vandal proof spray outlet
- Includes 2.2 gpm (8.3 L/min) aerator insert

#### Deck Mount Gooseneck Laminar Flow

- Gooseneck spout, 7-3/4" height to outlet
- 1.5 gpm (5.7 L/min) laminar flow control insert

#### Wall Mount Gooseneck

- Gooseneck spout, 7-5/8" height to outlet from center of inlet
- 0.5 gpm (1.9 L/min) vandal proof spray outlet
- Includes 2.2 gpm (8.3 L/min) aerator insert

HyTronic® Wall Mount

HyTronic® Deck Mount

Water Supply		Power Source			Internal Mixer		External Mixer		Deck Mount Models	Deck Mount Laminar Models	Wall Mount Models
Single	Dual	AC	DC	SSPS	Concealed	User Adjust	Mechanical	Thermostatic			
■	-	■	-	-	-	-	-	-	116.103.AB.1	116.427.AB.1	116.104.AB.1
■	-	-	■	-	-	-	-	-	116.203.AB.1	116.430.AB.1	116.204.AB.1
■	-	-	-	■	-	-	-	-	116.953.AB.1	116.955.AB.1	116.954.AB.1
-	■	■	-	-	■	-	-	-	116.113.AB.1	116.428.AB.1	116.114.AB.1
-	■	-	■	-	■	-	-	-	116.213.AB.1	116.431.AB.1	116.214.AB.1
-	■	■	-	-	-	■	-	-	116.123.AB.1	116.429.AB.1	116.124.AB.1
-	■	-	■	-	-	■	-	-	116.223.AB.1	116.432.AB.1	116.224.AB.1
-	■	-	-	■	-	-	■	-	116.963.AB.1	116.965.AB.1	116.964.AB.1
-	■	-	-	■	-	-	-	■	116.973.AB.1	116.975.AB.1	116.974.AB.1



**Unique,  
Accessible,  
& Affordable**

## E-Tronic® 40 Lavatory Faucet

An easy-to-install, affordable option with integral body design for 'plug-and-play' installations into existing single hole or 4" sinks. Includes an optional cover plate for 8" centers.

### Product Features

- 5-3/8" height to outlet
- 0.5 gpm (1.9 L/min) vandal proof spray outlet



Water Supply		Power Source			Internal Mixer		External Mixer		Model Number
Single	Dual	AC	DC	SSPS	Concealed	User Adjust	Mechanical	Thermostatic	
■	—	■	—	—	—	—	—	—	116.706.AB.1
■	—	—	■	—	—	—	—	—	116.606.AB.1
■	—	—	—	■	—	—	—	—	116.956.AB.1
—	■	—	—	■	—	—	■	—	116.966.AB.1
—	■	—	—	■	—	—	—	■	116.976.AB.1

Use this comparison chart to help in your selection of the best Chicago Faucets electronic faucet for your project.



		Product Feature	E-Tronic® 40	HyTronic®		
<b>Product Offering</b>	Spout Type	Lavatory	■	■		
		Gooseneck		■		
		Wall-Mount		■		
		Less Spout		■		
	Mixer	Single Supply	■	■		
		Internal Mixer		■		
		External Mixer		■		
	Power Options	AC	■	■		
		DC	■	■		
		SSPS	■	■		
<b>Design</b>	Reliability	Fully Potted Electronics	■	■		
		Automatic Power Source Detection	■	■		
		Automatic Faucet Calibration	■	■		
		Auto Static/Dynamic Modes	■	■		
		Check Valves		■		
		Dual Beam User Detection System	■	■		
		CRP2 Lithium Battery	■	■		
		Battery Life 3 Years or 200,000 Uses	■	■		
		SSPS 10+ Years Battery Life	■	■		
	Installation	Self-Retaining Mounting Hardware		■		
		Low Battery Indicator	■	■		
		Above-Deck Electronics	■	■		
		Field AC/DC Retrofittable	■	■		
		0.5 GPM Spray	■	■		
		1.5 GPM Laminar Non-Aerating FC Flow		■		
<b>Flow Control</b>	Outlets	2.2 GPM Aerator		■		
		Others as Accessories	■	■		
		<b>Accessories</b>	Items	4" Cover Plate	■	■
				8" Cover Plate	■	■
Plug-In Transformer	■			■		
Hard Wire Transformer	■			■		
Copper Supply Tubes				■		
<b>Mode &amp; Adjustments</b>	Method	Manual Teach-in Adjustment	■	■		
		Troubleshooting Available	■	■		
		Palm (Commander) Adjustment	■	■		
	Options Available	Normal Mode	■	■		
		Metered Mode	■	■		
		Scrub Mode		■		
		Clean Mode		■		
		Water Saver Mode		■		
		Hygiene Mode		■		
		Smart Power Mode	■	■		
Individual Beam Adjustment		■				
Distance Adjustment	■	■				
<b>Warranty</b>	Items	Faucet Body	5 Years	Lifetime		
		Electronics	3 Years	3 Years		
		Solenoid	3 Years	3 Years		



**HyTronic® Less Spout Faucets**

- Choice of Wall-Mount or Deck-Mount
- 12 Volt Transformer (sold separately)  
Required for AC Models

**Deck-Mount Models**

**AC Models**

- 116.313.AB.1** - ECAST Concealed Internal Temperature Control Mixer
- 116.323.AB.1** - ECAST User Adjustable Temperature Control Mixer

**DC Models**

- 116.413.AB.1** - ECAST Concealed Internal Temperature Control Mixer
- 116.423.AB.1** - ECAST User Adjustable Temperature Control Mixer

**Wall-Mount Models**

**AC Models**

- 116.304.AB.1** - ECAST Single Supply for Tempered Water
- 116.314.AB.1** - ECAST Concealed Internal Temperature Control Mixer
- 116.324.AB.1** - ECAST User Adjustable Temperature Control Mixer

**DC Models**

- 116.404.AB.1** - ECAST Single Supply for Tempered Water
- 116.414.AB.1** - ECAST Concealed Internal Temperature Control Mixer
- 116.424.AB.1** - ECAST User Adjustable Temperature Control Mixer



**240.631.00.1**

- Hardwire Transformer - Multi-use
- Class 2A Transformer
- Hardwired with Standard 4" Mounting Plate
- Input Voltage 120VAC 60Hz
- Output Voltage 12VAC
- Output Current 300mA
- Short Circuit (Thermal Cutout) Protection
- Maximum 8 Faucet Installation



**240.627.21.1** (4" plate)

**240.628.21.1** (8" plate)

**242.164.21.1** (8" plate for E-Tronic 40)

- Cover Plate with Locating Pin and Mounting Hardware



**122-ABNF**



**242.165.AB.1**



**131-ABNF**



**131-CABNF**

**External Mixing Valves**

**122-ABNF**

- ECAST Thermostatic Mixing Valve
- 1/2" NPT Female Inlets and Outlet
- Includes 1/2" Copper Supply Adapters
- Minimum Flow: 0.5 gpm @ .08 psi\*
- Maximum Flow: 20 gpm @ 125 psi\*

**242.165.AB.1**

- External Temperature Control Mixer
- Temperature Adjusting Screw
- Inlet Check Valves
- Single use minimum flow rate 2.5 gpm

**131-ABNF**

- ECAST 3-Port Thermostatic Mixing Valve
- 3/8" Male Compression Inlets and Outlets
- Dual Check Valves
- Certified to ASSE 1070 Standards
- Minimum Flow: 0.5 gpm @ 10 psi\*
- Maximum Flow: 6.4 gpm @ 120 psi\*

**131-CABNF**

- ECAST 4-Port Thermostatic Mixing Valve
- 3/8" Male Compression Inlets and Outlets
- Dual Check Valves
- Certified to ASSE 1070 Standards
- Minimum Flow: 0.5 gpm @ 10 psi\*
- Maximum Flow: 6.4 gpm @ 120 psi\*

\* When tested in accordance with ASSE 1017, ASSE 1069 & ASSE 1070.



**116.585.00.1**

Commander handheld programming unit.



**240.630.00.1**

- Plug-in Transformer - Single-use
- Class 2A Transformer
- Standard 2 Prong 115V Outlet
- Input Voltage 120VAC 60Hz
- Output Voltage 12VAC
- Output Current 50mA
- Short Circuit (Thermal Cutout) Protection



**242.559.00.1**

- Plug-in Transformer - Single-/Multi-use



**242.340.00.1**

- Connection wire for E-Tronic 40



**240.632.00.1**

- 3/8" O.D. Copper Supply Tube for HyTronic

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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