



## Electronic Faucets

**CHICAGO  
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

Over seven 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 Self-Sustaining Power System.

## The preferred choice

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

## Setting the standard

You can count on Chicago Faucets to meet the latest codes and standards.

- ASME A112.18.1/CSA B125.1
- California Health and Safety Code 116875 (AB 1953-2006)
- Vermont Bill S.152
- 2014 Federal Reduction of Lead in Drinking Water Act
- NSF/ANSI 372 Low Lead Content
- Certified to NSF/ANSI 61, Section 9 by CSA
- ADA ANSI/ICC A117.1



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.



HyTronic® Curve

HyTronic® Traditional and Contemporary



HyTronic® Gooseneck



E-Tronic® 40



HyTronic® Edge

**CHICAGO  
FAUCETS**   
a Geberit company

## 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 single hole and 4" sinks. Optional 8" coverplate available.

#### Easy Maintenance

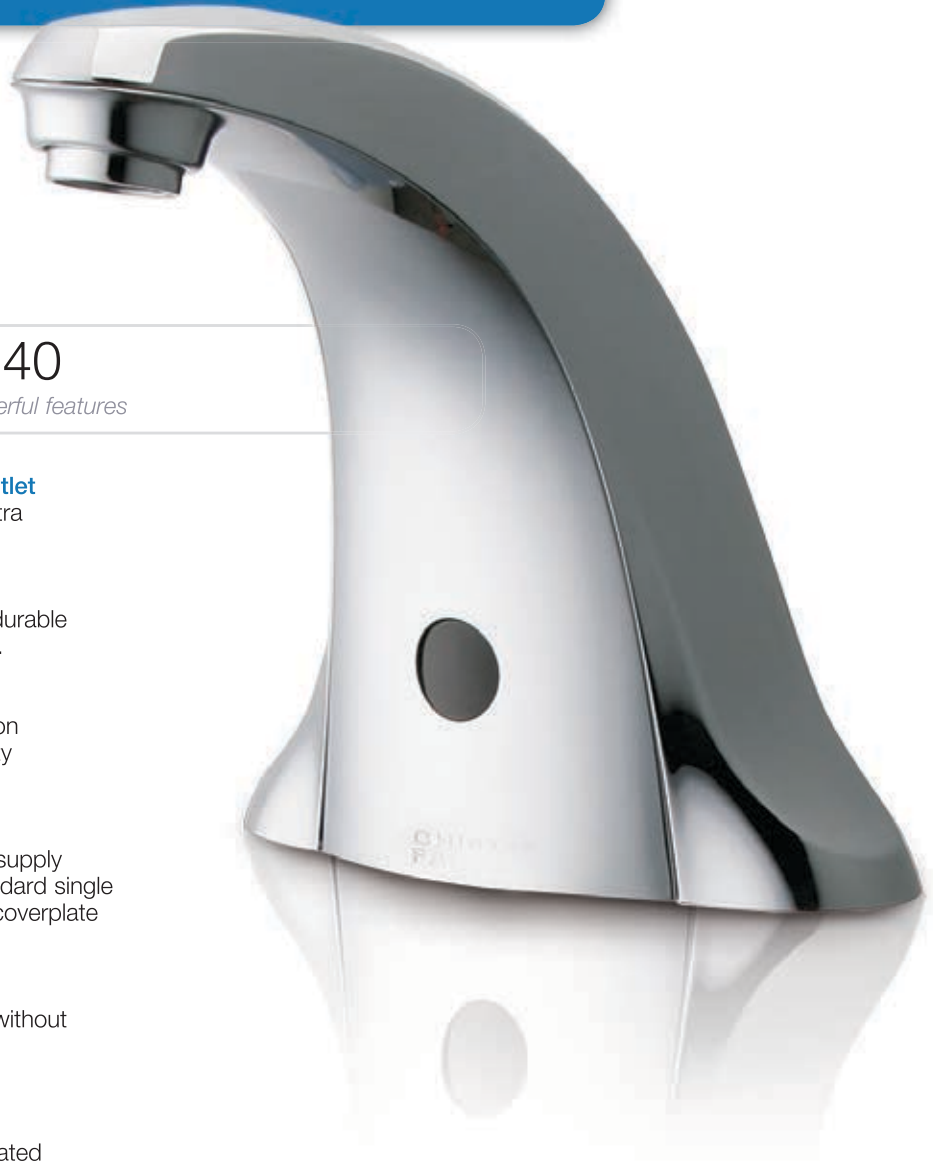
Perform routine maintenance without shutting off water.

#### 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 four 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. Gooseneck 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 Spinning 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 eight 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 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.** The optional Commander Desktop software allows you to create usage reports and maintenance records. You can transfer data from your Commander to your PC using the supplied USB cord.



## 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 external 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 hard-wire, plug-in, battery, or our Self-Sustaining Power System.



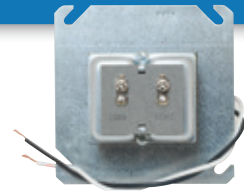
### Long Life Battery

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-unit or BAA compliant multi-unit plug-in transformer for plug-in power.



### Hard-wire Transformers

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



Self Sustaining Power System



Available with 0.5 or 1.0 gpm outlet.

Dual-supply fitting supplied with 1.5 gpm outlet.

### 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.

### 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

**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**



**Modern,  
Straight  
Lines**



## HyTronic® Curve

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

### Product Features

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

#### With Low Flow Outlet

- 0.5 gpm (1.9 L/min) vandal proof non-aerated 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

### Single Supply Faucets

Power Source			External Mixers		Low-Flow Outlet Models	Laminar Flow Models
AC	DC	SSPS	Mechanical	Thermostatic		
■	–	–	–	–	116.757.AB.1	116.759.AB.1
–	■	–	–	–	116.857.AB.1	116.859.AB.1
–	–	■	–	–	116.957.AB.1	116.959.AB.1
–	–	■	■	–	116.967.AB.1	116.969.AB.1
–	–	■	–	■	116.977.AB.1	116.979.AB.1

### Dual Supply Faucets

Power Source			Integrated Mixers		Low-Flow Outlet Models	Laminar Flow Models
AC	DC	SSPS	Concealed	User Adjust		
■	–	–	■	–	116.767.AB.1	116.769.AB.1
■	–	–	–	■	116.777.AB.1	116.779.AB.1
–	■	–	■	–	116.867.AB.1	116.869.AB.1
–	■	–	–	■	116.877.AB.1	116.879.AB.1
–	–	■	■	–	116.937.AB.1	116.939.AB.1
–	–	■	–	■	116.947.AB.1	116.949.AB.1

## HyTronic® Edge

The clean, straight lines and polished chrome finish of this faucet can add a modern flair to any restroom. Combined with the low flow design, saving water has never looked this good.



### Product Features

- Clean straight spout, 4-1/2" height to outlet

#### With Low Flow Outlet

- 0.5 gpm (1.9 L/min) vandal proof non-aerated 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

### Single Supply Faucets

Power Source			External Mixers		Low-Flow Outlet Models	Laminar Flow Models
AC	DC	SSPS	Mechanical	Thermostatic		
■	–	–	–	–	116.758.AB.1	116.750.AB.1
–	■	–	–	–	116.858.AB.1	116.850.AB.1
–	–	■	–	–	116.958.AB.1	116.950.AB.1
–	–	■	■	–	116.968.AB.1	116.960.AB.1
–	–	■	–	■	116.978.AB.1	116.970.AB.1

### Dual Supply Faucets

Power Source			Integrated Mixers		Low-Flow Outlet Models	Laminar Flow Models
AC	DC	SSPS	Concealed	User Adjust		
■	–	–	■	–	116.768.AB.1	116.760.AB.1
■	–	–	–	■	116.778.AB.1	116.770.AB.1
–	■	–	■	–	116.868.AB.1	116.860.AB.1
–	■	–	–	■	116.878.AB.1	116.870.AB.1
–	–	■	■	–	116.938.AB.1	116.930.AB.1
–	–	■	–	■	116.948.AB.1	116.940.AB.1

A photograph of two modern, chrome-finished faucets on a light-colored wooden vanity. The faucet in the foreground is a single-lever design with a curved spout. The second faucet is partially visible in the background. A rolled-up newspaper is on the left, and a white towel is on the right. The scene is lit to highlight the reflective surfaces of the faucets.

**Clean &  
Graceful  
Curves**

## 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.



HyTronic® Traditional

HyTronic® Contemporary

### 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 non-aerated spray outlet
- AC, DC, or SSPS option

### Single Supply Faucets

Power Source			External Mixers		Traditional Models	Contemporary Models
AC	DC	SSPS	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
–	–	■	■	–	116.961.AB.1	116.962.AB.1
–	–	■	–	■	116.971.AB.1	116.972.AB.1

### Dual Supply Faucets

Power Source			Integrated Mixers		Traditional Models	Contemporary Models
AC	DC	SSPS	Concealed	User Adjust		
■	–	–	■	–	116.111.AB.1	116.112.AB.1
■	–	–	–	■	116.121.AB.1	116.122.AB.1
–	■	–	■	–	116.211.AB.1	116.212.AB.1
–	■	–	–	■	116.221.AB.1	116.222.AB.1
–	–	■	■	–	116.931.AB.1	116.932.AB.1
–	–	■	–	■	116.941.AB.1	116.942.AB.1

A close-up photograph of a modern chrome faucet with a curved spout. Water is flowing from the spout into a sink. In the foreground, a pair of hands is being washed with white soap suds. The background consists of light blue square tiles with white grout. The overall scene is clean and hygienic.

**Versatile,  
Practical  
Design**





HyTronic® Wall Mount

HyTronic® Deck Mount

## 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 non-aerated 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 non-aerated spray outlet
- Includes 2.2 gpm (8.3 L/min) aerator insert

### Single Supply Faucets

Power Source			External Mixers		Deck Mount Models	Deck Mount Laminar Models	Wall Mount Models
AC	DC	SSPS	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
–	–	■	■	–	116.963.AB.1	116.965.AB.1	116.964.AB.1
–	–	■	–	■	116.973.AB.1	116.975.AB.1	116.974.AB.1

### Dual Supply Faucets

Power Source			Integrated Mixers		Deck Mount Models	Deck Mount Laminar Models	Wall Mount Models
AC	DC	SSPS	Concealed	User Adjust			
■	–	–	■	–	116.113.AB.1	116.428.AB.1	116.114.AB.1
■	–	–	–	■	116.123.AB.1	116.429.AB.1	116.124.AB.1
–	■	–	■	–	116.213.AB.1	116.431.AB.1	116.214.AB.1
–	■	–	–	■	116.223.AB.1	116.432.AB.1	116.224.AB.1
–	–	■	■	–	116.933.AB.1	116.935.AB.1	116.934.AB.1
–	–	■	–	■	116.943.AB.1	116.945.AB.1	116.944.AB.1

## HyTronic® Less-Spout Faucets

These customizable faucets let you add any compatible Chicago Faucets spout to a HyTronic faucet body. Design a faucet that's just right for your space.



### Product Features

- Available in wall mount or deck mount
- 12 Volt transformer (sold separately) required for AC models

### Single Supply Faucets

Power Source			Integrated Mixers		Deck Mount Models	Wall Mount Models
AC	DC	SSPS	Concealed	User Adjust		
■	–	–	–	–	116.303.AB.1	116.304.AB.1
–	■	–	–	–	116.403.AB.1	116.404.AB.1

### Dual Supply Faucets

Power Source			Integrated Mixers		Deck Mount Models	Wall Mount Models
AC	DC	SSPS	Concealed	User Adjust		
■	–	–	■	–	116.313.AB.1	116.314.AB.1
■	–	–	–	■	116.323.AB.1	116.324.AB.1
–	■	–	■	–	116.413.AB.1	116.414.AB.1
–	■	–	–	■	116.423.AB.1	116.424.AB.1

## 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. Optional cover plate available for 8" centers.



### Product Features

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

### Single Supply Faucets

Power Source			Integrated Mixers		External Mixers		Deck Mount Models
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 you select the best Chicago Faucets electronic faucet for your project.



Product Feature			E-Tronic® 40	HyTronic®
Faucet Options	Spout Type	Lavatory	■	■
		Gooseneck		■
		Wall-Mount		■
		Less Spout		■
	Mixer	Single Supply	■	■
		Internal Mixer		■
		External Mixer		■
	Power Supply	AC	■	■
		DC	■	■
SSPS		■	■	
Design	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/SSPS Retrofittable	■	■
Flow Control	Outlets	0.5 gpm (1.9 L/min) Spray	■	■
		1.5 gpm (5.7 L/min) Laminar Non-Aerating FC Flow		■
		2.2 gpm (8.3 L/min) Aerator		■
		Others as Accessories	■	■
Accessories	Items	4" Cover Plate		■
		8" Cover Plate	■	■
		Plug-In Transformer	■	■
		Hard-Wire Transformer	■	■
		Copper Supply Tubes		■
Mode & Adjustments	Method	Manual Teach-in Adjustment	■	■
		Troubleshooting Available	■	■
		Palm (Commander) Adjustment	■	■
	Options Available	Normal Mode	■	■
		Metered Mode	■	■
		Scrub Mode		■
		Clean Mode		■
		Pipe Cleaning Mode	■	■
		Water Saver Mode		■
		Hygiene Mode		■
		Smart Power Mode	■	■
		Individual Beam Adjustment		■
Distance Adjustment	■	■		
Warranty	Items	Faucet Body	5 Years	Lifetime
		Electronics	3 Years	3 Years
		Solenoid	3 Years	3 Years

## Accessories and Parts



### 116.585.00.1

- Commander Handheld Programming Unit



SSPS Conversion Kits for HyTronic

- 116.900.00.1** (Single Supply)
- 116.917.00.1** (Dual Supply)
- 116.909.00.1** (Single Supply non-PDA user)
- 116.918.AB.1** (Dual Supply PDA user)

SSPS Conversion Kits for E-Tronic 20

- 116.907.00.1** (non-PDA user)
- 116.910.00.1** (PDA user)



### 240.630.00.1

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



- 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



Temperature Adjustment Side Mixer

- 116.587.AB.1** Side Mixer for Manual and HyTronic Faucets

- 116.588.AB.1** With 4" Cover Plate for HyTronic Faucets

- 116.589.AB.1** With 8" Cover Plate for HyTronic Faucets



### 240.631.00.1

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



### 240.632.00.1

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

### 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.



BUY AMERICAN ACT COMPLIANT

### 242.559.00.1

- Plug-in Transformer - Single-/Multi-unit



BUY AMERICAN ACT COMPLIANT

### 242.659.00.1

- Hard-wire Transformer - Multi-unit
- Class 2A Transformer
- Standard 2 Prong 115V Outlet
- Input Voltage 120VAC 60Hz
- Output Voltage 13VAC
- Output Current 400mA
- Screw Terminal Connectors for Output Connection
- Maximum 8 Faucet Installation



### 242.340.00.1

- Connection wire for E-Tronic 40

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.



a Geberit company



The Chicago Faucet Company  
2100 South Clearwater Drive  
Des Plaines, IL 60018  
Phone: 847/803-5000  
Fax: 847/803-5454  
Technical: 800/832-8783  
[www.chicagofaucets.com](http://www.chicagofaucets.com)

 Contains 30% post-consumer recycled paper

© 2015 The Chicago Faucet Company. Product specifications subject to change without notice.

CF1074 12/15