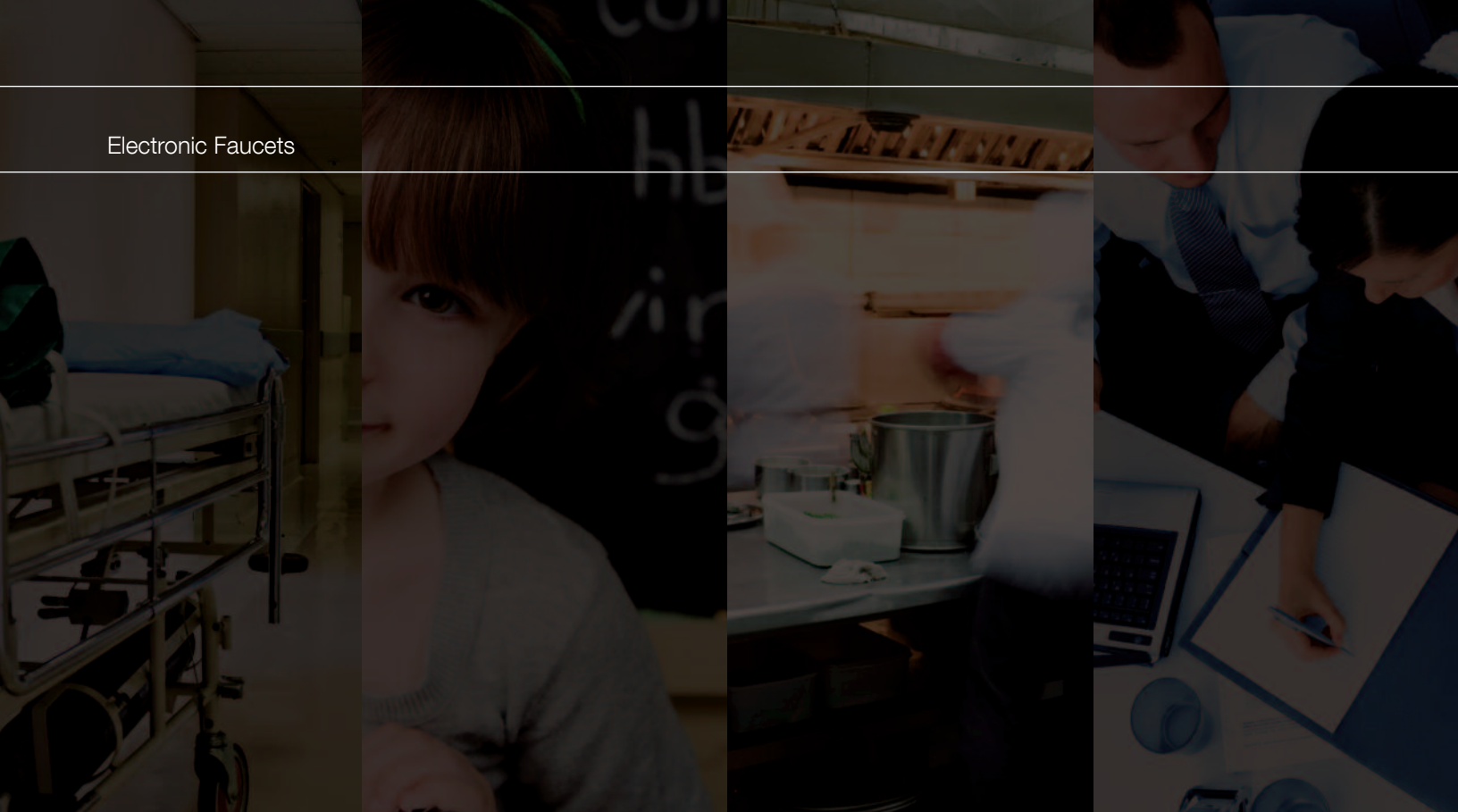


Electronic Faucets





Electronic faucets for every occasion, every application

With above-deck electronics and other exclusive features, Chicago Faucets electronic products are an ideal addition to any location. The easy-to-install, dependable and durable design of our electronic line provides an intriguing option for education, healthcare, food service and public locations. In fact, we think there are benefits for just about everyone.



Modular design allows **specifiers** to choose from an array of product configurations to meet almost any project design.

For the **installer**, it makes installation easier than just about any other faucet on the market.

Facility maintenance personnel will find that the above deck design is incredibly fast and easy to adjust and maintain.

The vandal resistance, solid construction and design aesthetics, combined with a multitude of water saving features will appeal to any **building owner**.

And for the **end user**, it provides, quite simply, the most reliable performance - every time.

With a design that's easy to specify, install, maintain and use, our electronic line truly offers something for everyone.



A better choice for water quality, conservation and hygiene

Chicago Faucets allows you to bring environment-friendly technology to any application. The touch-free, dual beam design provides quick response time and provides the added safety of improved hygiene. Precise metering, a 0.5 gpm outlet and programming options like our Water Saver Mode can provide substantial water savings.

We have over 20 years experience designing and manufacturing electronic faucets. The faucet is activated when the infrared beams are reflected back at the sensor from the user's hands. If interference from changes in lighting or reflections is detected, the faucet will automatically switch to sense motion only. The ability to make this adjustment, helps eliminate false activations and unnecessary water usage.



ECAST® New laws regarding lead content in plumbing products are taking effect in states around the country. We have a complete assortment of ECAST electronic faucets designed to meet these new low lead initiatives. Our ECAST faucets are manufactured with less than one quarter of one percent (0.25%) total lead content by weighted average.



Buy American Act Compliant Our electronic faucets are compliant to the Buy American Act of 1993 and meet the requirements of the Buy American provision included in the American Recovery and Reinvestment Act.





Above deck design, rugged durability and unparalleled reliability

Reliable and smart — HyTronic® and E-Tronic®

A new generation of sensor-operated faucets: HyTronic and E-Tronic represent a new generation of sensor-operated faucets for deck and wall-mounted installations. Extensive, ongoing testing proves the reliability of our electronic line. In our test environment, over 4 million faultless operations demonstrates their robustness. Water tight electronics and vandal resistant features, combined with a long-life lithium battery equip these faucets for years of intense, trouble-free operation.

The twin-beam infrared system responds quickly, adjusts to changes in its environment and minimizes false activations. In addition, above deck components and remote diagnostic technology allow for fast, trouble-free installation, and easy maintenance.



Easy to install above deck design and pre-installed free spinning hoses for a 'plug-and-play' installation that is fast and straight forward. Chicago Faucets legendary modular design provides additional flexibility for easy product modifications.



Easy to adjust remote control technology puts you in charge. With our exclusive Commander™ software and a Palm® enabled device you can switch modes, monitor battery level and even troubleshoot with the touch of a button.



Easy to service components are located above deck, logically placed and easily accessible - while retaining water-tight, anti-vandalism features.



ANSI/NSF 61, Section 9 Certified Our E-Tronic 40 and all HyTronic faucets with spouts are certified to meet the ANSI/NSF 61, Section 9 standard.

The HyTronic®



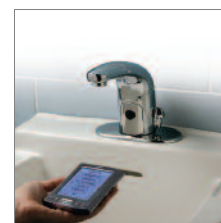
Cast Brass Spout
High-quality brass casting with a refined finish for unrivalled durability



Interchangeable Outlets
0.5 gpm outlet, with an optional 2.2 gpm insert for additional flexibility



Long Battery Life
Provides up to 3 years or 200,000 uses and is easy to replace



Complete Commander Compatibility
Including the choice of 7 operating modes, sensor range adjustment and complete diagnostics



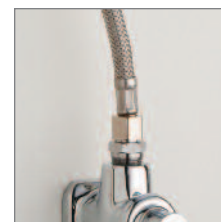
Low Power Above Deck Solenoid Valve
Provides high speed cycle rate. Quiet operation and easy accessibility



Hermetically Sealed Electronics Module
Integrated into above deck housing reduces risk of water damage and vandalism



No Shut-Off Water Screw
Disables faucet for routine maintenance without shutting off water



Free Spin Hoses With Filters
Pre-installed on faucet for easy installation. Optional copper tubes are available



The newest addition to our electronic line

The E-Tronic® 40

The E-Tronic 40 is a new easy-to-install, durable electronic option for any lavatory installation - from convenience stores to restaurants. Integral body design allows easy 'plug-and-play' installations into existing single hole or 4" installations with an optional cover plate for 8" centers.

Above-deck design, single water supply for tempered water, a 0.5 gpm outlet and abbreviated Commander control are supported by many of the great features found in our HyTronic line. The E-Tronic 40 was specifically designed to provide a new, easy-to-install, easy-to-maintain electronic alternative to any commercial lavatory location.



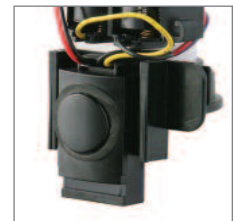
Metal Spout
Spout and belly plate in durable metal construction



Integrated 4" Plate
With single supply for tempered water



Commander Compatibility
With a choice of three operating modes



Water-Tight Electronics Module
Integrated into above deck housing reduces risk of water damage and vandalism



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

Product Feature			E-Tronic® 40	HyTronic®
Product Offering	Spout Type	Lavatory	■	■
		Gooseneck		■
		Wall Mount		■
		Less Spout		■
	Mixer	Single Supply	■	■
		Internal Mixer		■
External Mixer			■	
Design	Reliability	Fully Potted Electronics	■	■
		Automatic AC/DC 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	■	■
		Installation	Self-Retaining Mounting Hardware	
	Low Battery Indicator		■	■
	Above Deck Electronics		■	■
	Field AC/DC Retrofittable		■	■
	Flow Control	Outlets	0.5 GPM Spray	■
2.2 GPM 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		■
		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



HyTronic® Traditional Lavatory Faucets

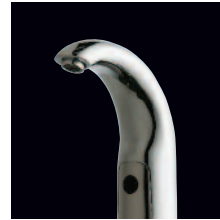
- 5 1/2" C-C Spout
- E2805 .5 GPM (1.9 L/min) Vandal Resistant Spray Outlet
- Includes Optional 2.2 GPM (8.3 L/min) Aerator Insert
- 12 Volt Transformer (sold separately) Required for AC Models

AC Models

- 116.101.21.1 - Single Supply for Tempered Water
- 116.111.21.1 - Concealed Internal Temperature Control Mixer
- 116.121.21.1 - User Adjustable Temperature Control Mixer
- 116.101.AB.1 - ECAST Single Supply for Tempered Water
- 116.111.AB.1 - ECAST Concealed Internal Temperature Control Mixer
- 116.121.AB.1 - ECAST User Adjustable Temperature Control Mixer

DC Models

- 116.201.21.1 - Single Supply for Tempered Water
- 116.211.21.1 - Concealed Internal Temperature Control Mixer
- 116.221.21.1 - User Adjustable Temperature Control Mixer
- 116.201.AB.1 - ECAST Single Supply for Tempered Water
- 116.211.AB.1 - ECAST Concealed Internal Temperature Control Mixer
- 116.221.AB.1 - ECAST User Adjustable Temperature Control Mixer



HyTronic Contemporary Lavatory Faucets

- 5 1/8" C-C Spout
- E2805 .5 GPM (1.9 L/min) Vandal Resistant Spray Outlet
- Includes Optional 2.2 GPM (8.3 L/min) Aerator Insert
- 12 Volt Transformer (sold separately) Required for AC Models

AC Models

- 116.102.21.1 - Single Supply for Tempered Water
- 116.112.21.1 - Concealed Internal Temperature Control Mixer
- 116.122.21.1 - User Adjustable Temperature Control Mixer
- 116.102.AB.1 - ECAST Single Supply for Tempered Water
- 116.112.AB.1 - ECAST Concealed Internal Temperature Control Mixer
- 116.122.AB.1 - ECAST User Adjustable Temperature Control Mixer

DC Models

- 116.202.21.1 - Single Supply for Tempered Water
- 116.212.21.1 - Concealed Internal Temperature Control Mixer
- 116.222.21.1 - User Adjustable Temperature Control Mixer
- 116.202.AB.1 - ECAST Single Supply for Tempered Water
- 116.212.AB.1 - ECAST Concealed Internal Temperature Control Mixer
- 116.222.AB.1 - ECAST User Adjustable Temperature Control Mixer



HyTronic Deckmount Gooseneck Faucets

- 5 1/4" C-C Spout
- E2805 .5 GPM (1.9 L/min) Vandal Resistant Spray Outlet with Optional 2.2 GPM (8.3 L/min) Aerator Insert (except laminar flow models)
- 12 Volt Transformer (sold separately) Required for AC Models

AC Models

- 116.103.21.1 - Single Supply for Tempered Water
- 116.113.21.1 - Concealed Internal Temperature Control Mixer
- 116.123.21.1 - User Adjustable Temperature Control Mixer
- 116.103.AB.1 - ECAST Single Supply for Tempered Water
- 116.113.AB.1 - ECAST Concealed Internal Temperature Control Mixer
- 116.123.AB.1 - ECAST User Adjustable Temperature Control Mixer

AC Laminar Flow Models

- 116.427.AB.1 - ECAST Single Supply for Tempered Water
- 116.428.AB.1 - ECAST Concealed Internal Temperature Control Mixer
- 116.429.AB.1 - ECAST User Adjustable Temperature Control Mixer

DC Models

- 116.203.21.1 - Single Supply for Tempered Water
- 116.213.21.1 - Concealed Internal Temperature Control Mixer
- 116.223.21.1 - User Adjustable Temperature Control Mixer
- 116.203.AB.1 - ECAST Single Supply for Tempered Water
- 116.213.AB.1 - ECAST Concealed Internal Temperature Control Mixer
- 116.223.AB.1 - ECAST User Adjustable Temperature Control Mixer

DC Laminar Flow Models

- 116.430.AB.1 - ECAST Single Supply for Tempered Water
- 116.431.AB.1 - ECAST Concealed Internal Temperature Control Mixer
- 116.432.AB.1 - ECAST User Adjustable Temperature Control Mixer



HyTronic Wallmount Gooseneck Faucets

- 5 1/4" C-C Spout
- E2805 .5 GPM (1.9 L/min) Vandal Resistant Spray Outlet with Optional 2.2 GPM (8.3 L/min) Aerator Insert (except laminar flow models)
- 12 Volt Transformer (sold separately) Required for AC Models

AC Models

- 116.104.21.1 - Single Supply for Tempered Water
- 116.114.21.1 - Concealed Internal Temperature Control Mixer
- 116.124.21.1 - User Adjustable Temperature Control Mixer
- 116.104.AB.1 - ECAST Single Supply for Tempered Water
- 116.114.AB.1 - ECAST Concealed Internal Temperature Control Mixer
- 116.124.AB.1 - ECAST User Adjustable Temperature Control Mixer

DC Models

- 116.204.21.1 - Single Supply for Tempered Water
- 116.214.21.1 - Concealed Internal Temperature Control Mixer
- 116.224.21.1 - User Adjustable Temperature Control Mixer
- 116.204.AB.1 - ECAST Single Supply for Tempered Water
- 116.214.AB.1 - ECAST Concealed Internal Temperature Control Mixer
- 116.224.AB.1 - ECAST User Adjustable Temperature Control Mixer



E-Tronic® 40 Deckmount Lavatory Faucets

- 4" C-C Integral Body
- E2805 .5 GPM (1.9 L/min) Vandal Resistant Spray Outlet
- 12 Volt Transformer (sold separately) Required for AC Models

AC Models

- 116.706.AB.1 - ECAST Single Supply for Tempered Water

DC Models

- 116.606.AB.1 - ECAST Single Supply for Tempered Water



HyTronic® Less Spout Faucets

- Choice of Wallmount or Deckmount
- 12 Volt Transformer (sold separately) Required for AC Models

Deckmount Models

- 116.303.21.1 - AC Single Supply for Tempered Water
- 116.313.21.1 - AC Concealed Internal Temperature Control Mixer
- 116.323.21.1 - AC User Adjustable Temperature Control Mixer
- 116.403.21.1 - DC Single Supply for Tempered Water
- 116.413.21.1 - DC Concealed Internal Temperature Control Mixer
- 116.423.21.1 - DC User Adjustable Temperature Control Mixer

Wallmount Models

- 116.304.21.1 - AC Single Supply for Tempered Water
- 116.314.21.1 - AC Concealed Internal Temperature Control Mixer
- 116.324.21.1 - AC User Adjustable Temperature Control Mixer
- 116.404.21.1 - DC Single Supply for Tempered Water
- 116.414.21.1 - DC Concealed Internal Temperature Control Mixer
- 116.424.21.1 - DC User Adjustable Temperature Control Mixer



External Mixing Valves

- 121-NF**
 - Thermostatic Mixing Valve
 - 3/8" Male Compression Inlets and Outlets
 - Dual Check Valves
- 121-ABNF** - ECAST Thermostatic Mixing Valve
- 122-NF**
 - Thermostatic Mixing Valve
 - 1/2" NPT Female Inlets and Outlet
 - Includes 1/2" Copper Supply Adapters
- 122-ABNF** - ECAST Thermostatic Mixing Valve

- 242.165.00.1**
 - External Temperature Control Mixer
 - Temperature Adjusting Screw
 - Inlet Check Valves



- 240.627.21.1** (4 inch plate)
- 240.628.21.1** (8 inch plate)
- 242.164.21.1** (8 inch plate for E-Tronic 40)
- Cover Plate with Locating Pin and Mounting Hardware



240.632.00.1



- 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



- 240.630.00.1**
 - 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



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 extensive standard and made-to-order product offering are designed to meet any commercial application.

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