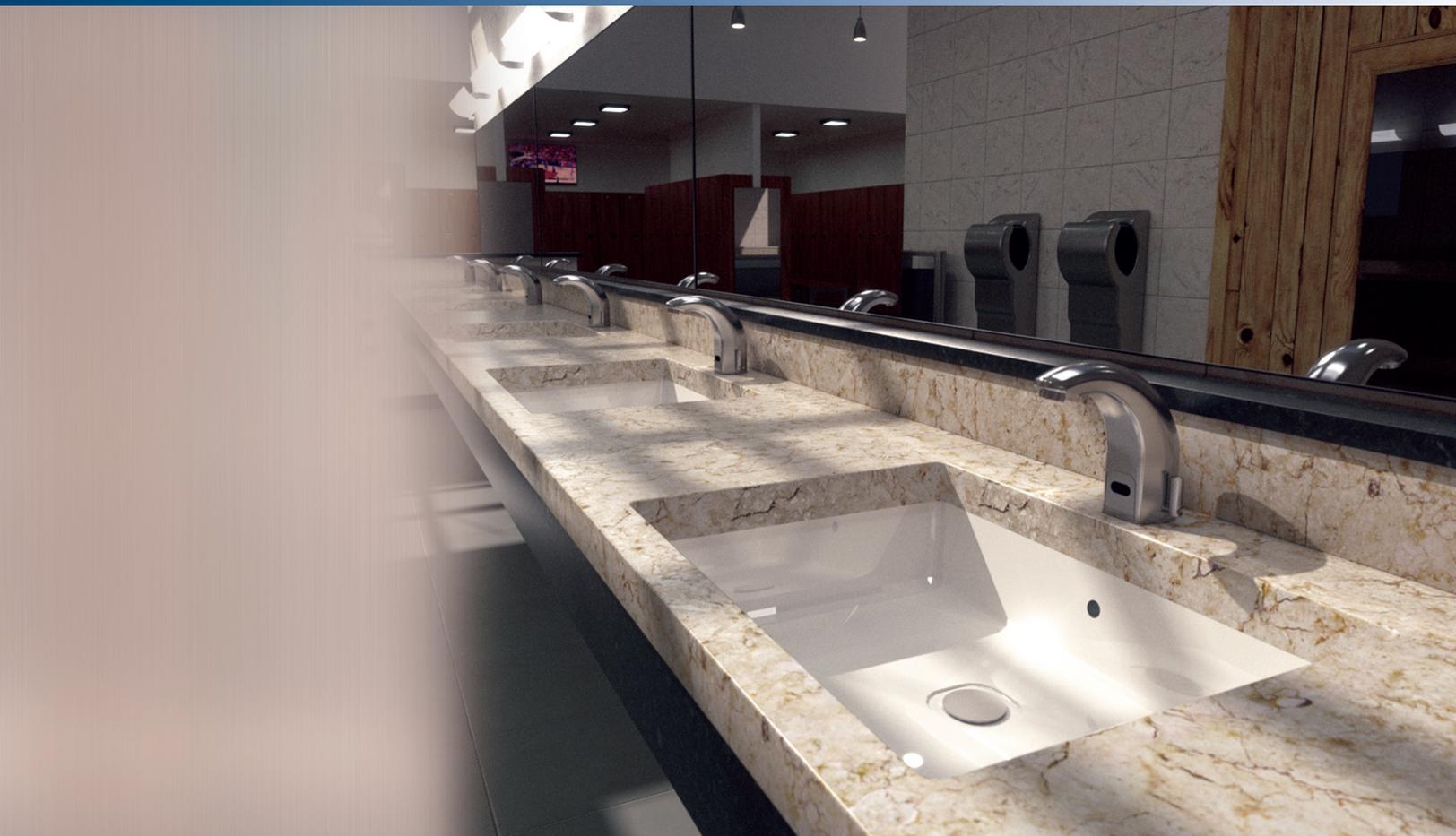




 ChekPoint™ *Electronic Faucets*



T&S ChekPoint Models with Above Deck Electronics (ADE)

The EC-3130, EC-3132 and EC-3142 are our newest additions to the T&S ChekPoint faucet line. Above Deck Electronics (ADE) allow for easy control, installation and maintenance.

Like all our ChekPoint faucets, these single hole above deck sensor faucets are designed to save water, money and energy with adjustable timed water flow and a choice of low flow vandal-resistant outlets.

T&S ADE sensor faucets are packed with features, including above deck temperature control with optional side control lever. All three base models are available with a factory installed hydrogenerator (-HG model), or our new low flow hydrogenerator models (-LF). Other options: a retrofit hydrogenerator model (EC-HYDROGEN), and 4" (-4DP) or 8" (-8DP) deck plate.

ChekPoint ADE Faucet Features:

- Water-resistant control module with internal flow control switches
- Customizable auto time-out and shut-off delay settings
- Optional auto-flush feature flows water for 30 seconds after every 12 inactive hours
- Plug-in AC transformer or battery power options



T&S ChekPoint Models with Two Hydrogenerator Options! Our Newest: the EC-HYDROGEN-LF Low Flow Hydrogenerator

We offer two ChekPoint hydrogenerator options: the EC-HYDROGEN and the EC-HYDROGEN-LF low flow hydrogenerator (for select ChekPoint faucets). Both can contribute to significant water and energy savings.

EC-HYDROGEN Features:

For use with models with flow rate of 1.0 GPM or greater

- Accessory for all ChekPoint™ Electronic Sensor Faucets
- Includes generator and (1) 1/2 NPSM swivel coupling
- 71" (1800 mm) power cord with male plug connects to control module
- Up to ten years lifespan (estimate based on 1 million cycles in lab testing; individual results may differ)
- Add -HG to EC model, ie.: EC-3100-HG
- Can retrofit hydrogenerator to any EC-model



EC-HYDROGEN

NEW! EC-HYDROGEN-LF Low Flow Features:

Flow rate of 0.5 – 1.0 GPM is required for use

- Accessory for select ChekPoint™ Electronic Sensor Faucets with a flow rate of 0.5 to 1.0 GPM
- Includes generator and (1) 1/2 NPSM swivel coupling
- 71" (1800 mm) power cord with male plug connects to control module
- Up to ten years of battery lifespan
- Requires a minimum of ten activations a day at a minimum of both 0.5 GPM and 20 PSI to maintain charge



EC-HYDROGEN-LF

Note: Minimum flow rate of 1.0 GPM is required for applications using EC-HYDROGEN.

Note: Flow rate of 0.5 – 1.0 GPM is required for applications using EC-HYDROGEN-LF.

Now, you have many more options to choose from with our water-saving T&S ChekPoint™ Electronic Sensor Faucets! Along with ease of installation and convenient AC/DC power options, these other options are available to customize ChekPoint faucets:

Electronic Sensor Faucet OPTIONS		
Suffix/Option	Description	Applicable Models
-HG	Hydrogenerator	All models (1.0 GPM or greater)
-LF22	2.2 GPM Vandal-Resistant Laminar Flow	All models
-LN	Less nozzle; specify any T&S rigid gooseneck model	EC-3100, EC-3101
-SB	Surgical Bend Gooseneck	EC-3100, EC-3101
-SM	Side-Mount Mechanical Mixing Valve	EC-3100, EC-3102
-SMT	Side-Mount Thermostatic Mixing Valve	EC-3100, EC-3102
-TMV	Below Deck Thermostatic Mixing Valve	All models
-VF05	0.5 GPM Vandal-Resistant Non-Aerated Outlet	All models
EC-HARDWIRE	Gang up to 8 faucets/one power supply	All models
EC-EASYWIRE	Gang up to 8 faucets/one power supply	All models
EC-HYDROGEN	To retrofit a Hydrogenerator to an existing ChekPoint electronic faucet	All models; flow rate of 1.0 GPM or greater
EC-HYDROGEN-LF	Low Flow 1.0 GPM or less Hydrogenerator	All models; flow rate of 0.5 GPM - 1.0 GPM is required for use

T&S ChekPoint Electronic Faucet models listed in the two tables on pages 4-5 offer options to customize each sensor faucet.

For any application you may have, T&S Electronic Faucets offer you an unparalleled ability to fulfill your specifications, and are backed by our solid reputation for both reliability and durability.



EC-3100
Deck mount gooseneck



EC-3100-LF22-SB
Deck mount surgical bend gooseneck



EC-3101
Back splash-mount gooseneck



EC-3102
Deck mount cast spout



EC-3103
Deck mount cast spout



EC-3105
Wall mount gooseneck



EC-3104
Deck mount cast spout



EC-3142

ABOVE DECK Electronic Faucets	EC-3130	EC-3132	EC-3142
Base Model FEATURES ✓			
Above Deck Electronics (ADE)	✓	✓	✓
AC/DC Power	✓	✓	✓
Adjustable Temperature Control Mixing Valve	✓	✓	✓
Check Valves	✓	✓	✓
Rigid/Swivel Gooseneck	✓		
Spout		✓	✓
Plug-In Transformer	✓	✓	✓
2.2 GPM Aerator, Vandal-Resistant	✓	✓	✓
Base Model OPTIONS ★			
Forged Brass Deckplate, 4"	EC-3130-4DP	EC-3132-4DP	EC-3142-4DP
Forged Brass Deckplate, 8"	EC-3130-8DP	EC-3132-8DP	EC-3142-8DP
2.2 GPM Laminar Flow Outlet, Vandal-Resistant (-LF22)	EC-3130-LF22	EC-3132-LF22	EC-3142-LF22
0.5 GPM Non-Aerated Outlet, Vandal-Resistant (-VF05)	EC-3130-VF05	EC-3132-VF05	EC-3142-VF05
1.0 GPM Non-Aerated Outlet, Vandal-Resistant	★	★	★
EC-EASYWIRE (3 options; p. 6)	★	★	★
Hydrogenerator model	EC-3130-HG	EC-3132-HG	EC-3142-HG
Hydrogenerator as retrofit (EC-HYDROGEN)	★	★	★
Hydrogenerator, Low Flow 0.5 GPM – 1.0 GPM (EC-HYDROGEN-LF)	★	★	★
EC-ADEWIRE (33' cable for hardwire installation utilizing EC-HARDWIRE; see p. 6)	★	★	★
EC-HARDWIRE (gang install up to eight ADE faucets; see p. 6)	★	★	★
Optional side lever for adjustable temperature control	★	★	★



EC-3142



EC-3130-4DP



EC-3132-8DP

Electronic Sensor Faucets

- Hands-free washing greatly reduces risk of contamination
- Sensor-operated faucets conserve water and save energy
- Water-resistant circuit control module
- Each model comes with the convenience of electric plug-in (AC) and battery (DC) power options
- ADA-compliant
- Adjustable temperature control mixing valve
- Proven electronic technology
- Adjustable automatic time-out features (6)
- Adjustable water shut-off delays (4)
- Optional auto-flush feature flows water for 30 seconds after every 12 inactive hours



EC-FAUCETS	EC-3100	EC-3101	EC-3102	EC-3103	EC-3104	EC-3105
Base Model FEATURES ✓						
AC/DC Power	✓	✓	✓	✓	✓	✓
Adjustable Temperature Control Mixing Valve	✓	✓	✓	✓	✓	✓
Check Valves	✓	✓	✓	✓	✓	✓
Rigid Gooseneck	✓	✓				✓
Spout			✓	✓	✓	
2.2 GPM Aerator, Vandal-Resistant	✓	✓	✓	✓	✓	✓
Transformer Plug-In	✓	✓	✓	✓	✓	✓
Base Model OPTIONS ★						
Forged Brass Deckplate, 4"	★		EC-3102-4DP			
Forged Brass Deckplate, 8"	★		EC-3102-8DP			
2.2 GPM Laminar Flow Outlet, Vandal-Resistant (-LF22)	EC-3100-LF22	EC-3101-LF22	EC-3102-LF22	EC-3103-LF22	EC-3104-LF22	EC-3105-LF22
0.5 GPM Non-Aerated Outlet, Vandal-Resistant (-VF05)	EC-3100-VF05	EC-3101-VF05	EC-3102-VF05	EC-3103-VF05	EC-3104-VF05	EC-3105-VF05
1.0 GPM Non-Aerated Outlet, Vandal-Resistant	★	★	★	★	★	★
Rigid Gooseneck (up to 6")	★	★				★
Surgical Bend Gooseneck (-SB)	★	★				★
EC-HARDWIRE (see p. 6)	★	★	★	★	★	★
EC-EASYWIRE (3 options; p. 6)	★	★	★	★	★	★
Side-Mount Control Option (-SM)	★		EC-3102-SM			
Hydrogenerator (-HG)	EC-3100-HG	EC-3101-HG	EC-3102-HG	EC-3103-HG	EC-3104-HG	EC-3105-HG
Hydrogenerator for Retrofit, 1.0 GPM or greater (EC-HYDROGEN)	★	★	★	★	★	★
Hydrogenerator, Low Flow 0.5 GPM – 1.0 GPM (EC-HYDROGEN-LF)	EC-3100-VF05-HG	★	EC-3102-VF05-HG	EC-3103-VF05-HG	EC-3104-VF05-HG	★
Side-Mount Above Deck Thermostatic Mixing Valve (-SMT; see p. 6)	★		★			
Below Deck Thermostatic Mixing Valve (-TMV; see p. 6)	EC-3100-TMV	EC-3101-TMV	EC-3102-TMV	EC-3103-TMV	EC-3104-TMV	EC-3105-TMV

- Chrome plated brass
- Troubleshooting LED indicator lights
- Scratch-resistant sensor lens
- Filtered solenoid valve with serviceable strainer filter
- Modular quick-release sensor connections (below deck models only)
- Low battery indicator light
- Pre-assembled with appropriate mounting hardware included
- Vandal-resistant outlets
- Check valves for cross-flow prevention in all models
- Requires no sealants for easy installation

ChekPoint Thermostatic Mixing Valves

The EC-SMT and EC-TMV thermostatic mixing valve options allow you to add a thermostatic mixing valve in either an above deck or below deck installation.

Features and benefits for both include:

- Solid low-lead brass construction
- Integral check valves built into hot and cold inlets to prevent backflow and water contamination
- ½" NPSM male fittings – easy to connect supply lines
- Filter screens included – prevent particles from damaging faucet or solenoid valves
- Tamper resistant temperature limit stop concealed under knob prevents water from exceeding desired maximum temperature
- Compatible with all ChekPoint faucets and accessories, including hydrogenerator
- Fully complies with the following:
 - ASME A112.18.1 / CSA B125.1
 - ANSI/NSF 61-Section 9
 - California Health and Safety Code 116875 (AB1953-2006)
 - NSF/ANSI 372 – Low Lead Content (0.25% Max)
 - ASSE 1070

EC-TMV



EC-SMT



EC-TMV:

- Designed for below deck or concealed installations
- Locking knob with color coded index – simple to adjust to the desired temperature
- Can be added to any ChekPoint faucet by specifying with a -TMV suffix (i.e. EC-3100-TMV)

EC-SMT:

- Designed for above deck installations – easy access for user to adjust temperature
- Accommodates sink or countertop up to 1 3/16" thickness with holes from 1" to 1 1/2" – universal design for virtually any application
- Polished chrome-plated handle – easy to clean, matches finish of all the ChekPoint faucets
- Lever style – simple to rotate and operate
- Vandal-resistant handle screw – prevents vandals from accessing the temperature limit stop
- Easy to identify temperature markings
- Fully complies with ADA (ICC/ANSI A117.1)

ChekPoint Faucets Ganging Option

Gang-install up to eight faucets with one power supply

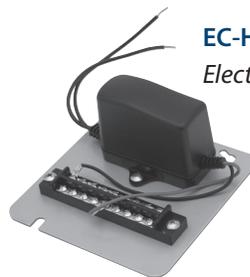
The EC-HARDWIRE and EC-EASYWIRE installation options allow you to gang-install multiple ChekPoint models (up to eight) using only one power supply.

Options include:

- EC-HARDWIRE – 100-240 VAC Electronic AC transformer to hardwire up to eight (8) electronic ChekPoint faucets to a single power supply
- EC-EASYWIRE – 100-240 VAC Plug-in transformer allows up to eight (8) electronic ChekPoint faucets to be ganged to a single plug-in transformer (requires one EC-EASYWIRE4CC connector for each additional faucet in chain)
- EC-EASYWIRE4CC – 4' connector cables for EASYWIRE AC transformer connections in a daisy-chain circuit (one EC-EASYWIRE4CC needed for each additional faucet in chain)
- EC-EASYWIRE5EXT – 5' extension cables when additional cable length is needed for connections
- EC-ADEWIRE – 33' long cable used for EC-HARDWIRE for each Above Deck Electronic (ADE) faucet

EC-HARDWIRE

Electronic Transformer



EC-EASYWIRE

100-240 VAC Plug-In Transformer



EC-EASYWIRE4CC

4' Connector Cables for EasyWire AC transformer connections



EC-ADEWIRE

33' Cable for EC-HARDWIRE for each ADE faucet



ChekPoint Faucet Gooseneck Options

For EC-3100 and EC-3101 models:

- Choice of any T&S Rigid Gooseneck on EC-3100 and EC-3101 faucet body models (up to 6" spread)

Ex: Specify an EC-3100-LN with a 122X rigid gooseneck

Note: In order to stay within the full range of the sensor, gooseneck spreads are limited to 6" max.

ChekPoint Faucet Components

Included with all Below Deck models:

- 1 Vandal-Resistant Outlet Key
- 2 Installation Tool – Tee Wrench (EC-3100, EC-3102 and EC-3103 models only)
- 3 Faucet Body with Sensor Connection (plugged into Control Module; EC-3100 faucet body shown)
- 4 Stainless Steel Braided Water Hose
- 5 Hot and Cold Stainless Steel Braided Water Hoses with Standard Adjustable Mixing Valve
- 6 Water Resistant Control Module (with door open to show four AA batteries)
- 7 Plug-in Wall Transformer (AC, standard)
- 8 Mechanical Mixing Valve (except for -SM, -SMT and -TMV models)

Options for all models:

- 9 EC-HYDROGEN 1.0 GPM or higher Hydrogenerator (-HG option, or retrofit to existing ChekPoint by ordering EC-HYDROGEN), OR
- 10 EC-HYDROGEN-LF Low Flow 0.5–1.0 GPM Hydrogenerator (Available for use on models with a flow rate between 0.5 GPM-1.0 GPM)
- 11 Side-Mount Above Deck Thermostatic Mixing Valve (-SMT option, or retrofit to existing ChekPoint by ordering EC-SMT)
- 12 Thermostatic Mixing Valve (-TMV option, or retrofit to existing ChekPoint by ordering EC-TMV)



ChekPoint Deck Plates

Deck Plate Features:

- Universal vandal-resistant deck plates
- 4" c/c and 8" c/c available
- Chrome plated brass
- Allow single-hole faucets to be installed in nearly any sink by covering and sealing unused holes
- Mounting hardware included; holds plates securely
- Gaskets provide a tight seal
- Vandal-resistant plates include threaded studs and flange nuts



013433-40 (4")



013434-40 (8")

To add a deck plate to an existing ChekPoint Electronic Faucet, order with these part numbers for each EC- faucet.

EC-model	4" Deck Plate	8" Deck Plate
EC-3100	013433-40	013434-40
EC-3101	n/a	n/a
EC-3102	013433-40	013434-40
EC-3103	n/a	n/a
EC-3130	013433-40	013434-40
EC-3132	013433-40	013434-40
EC-3142	013433-40	013434-40

ChekPoint Electronic Faucets

Typical Below Deck Installation

Installation is simple with ChekPoint faucets:

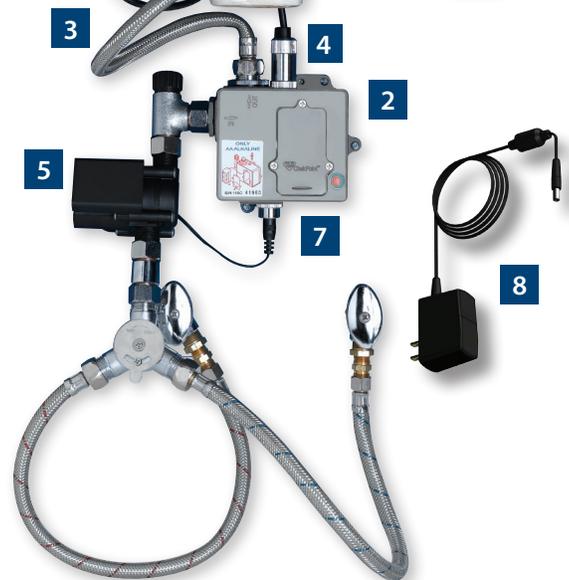
- 1 Mount Faucet (Deck- or Wall-Mount)
- 2 Mount Control Module to Wall Below Sink
- 3 Connect Supply Lines
- 4 Connect Sensor Cable from Faucet to Control Module

Choose Your Power Options:

- 5 Mount and Attach EC-HYDROGEN 1.0 GPM or higher Hydrogenerator (-HG Models Only), OR
- 6 Mount and Attach EC-HYDROGEN-LF Low Flow 0.5–1.0 GPM Hydrogenerator (Available for use on models with a flow rate between 0.5 GPM-1.0 GPM)
- 7 Four 'AA' Batteries in Control Module (D/C, Included)
- 8 Electric Plug-In Wall Transformer (AC, Included)



EC-HYDROGEN-LF



Packaging For the ChekPoint Electronic Faucet

All components are clearly packaged for ease of assembly.



Other Technical Data

Consult the applicable T&S Brass "Installation and Maintenance Instructions for ChekPoint Faucets" booklet for a complete guide to installing and maintaining your faucet.

Replacement Parts

A full range of replacement and repair parts are available for ChekPoint faucets with a list in the applicable ChekPoint "Installation and Maintenance Instructions" booklet.

Limited Three Year Warranty

T&S warrants ChekPoint faucets to be free from defects in material and workmanship for a period of three (3) years from the date of purchase.



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