



RELIABILITY BUILT IN™

Introducing the T&S Brass



ChekPoint™

EC-Hydrogen Series Electronic Sensor Faucets with Hydro-Generator

Imagine a faucet which generates and stores its own power through the flow of water, without needing AC or DC back-up!

Our ChekPoint™ Electronic Sensor Faucets – the EC-3100, EC-3101, EC-3102, EC-3103 and EC-3106 series – can all be ordered or easily modified with a hydro-generator – an EC-HYDROGEN Kit. It is one of three power options for the T&S Brass ChekPoint™ product line.

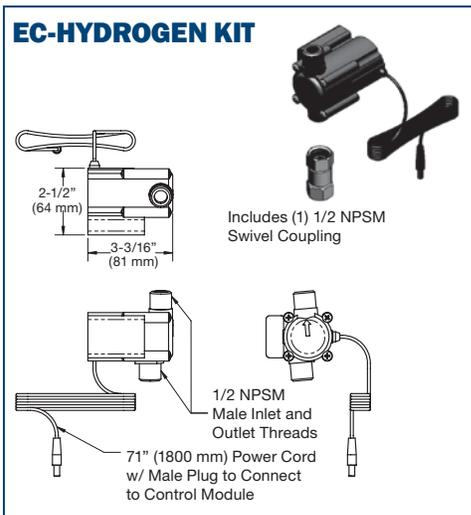
The kit includes a female-to-female 1/2 NPSM swivel adapter, a hydro-generator with 1/2 NPSM inlet and outlet and attached power cord for connection to the existing sensor faucet control module. The use of the T&S ChekPoint™ EC-HYDROGEN and/or T&S ChekPoint™ Electronic Faucets may help qualify towards credits for LEED certification.

Operation

Imagine having a self-sustaining power source for your ChekPoint™ sensor faucets and no longer needing to rely on batteries or transformers. Hydroelectric power – energy harnessed from moving water – is a form of renewable energy.

Using this principle, our hydro-generator produces energy to power our ChekPoint™ sensor faucets. Water enters the hydro-generator and passes by a turbine causing it to rotate. The hydro-generator uses part of this rotational energy to power the sensor faucets. The remaining energy generated is saved and stored in the hydro-generator for later use. Minimal use of the hydro-generator (5 seconds of usage three times a day at 1 GPM at 60 PSI) is sufficient to accommodate consumed energy and generate and store energy. However, the unit can store power for up to eight months with no cycling.

The average estimated lifespan for EC-Hydrogen is ten years (estimate based on 1 million cycles in lab testing; individual results may differ).



EC-3102-HG



EC-3100

EC-3101

SAVE ENERGY WATER MONEY



EC-3102

EC-3103



EC-3106