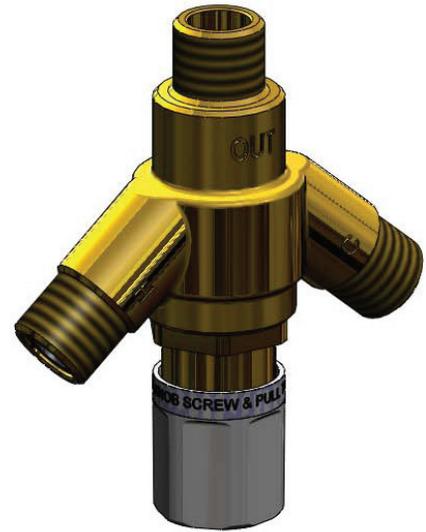




# EC-TMV & 5EF-TMV Thermostatic Mixing Valve Installation Instructions



Models EC-TMV and 5EF-TMV are a direct replacement Thermostatic Mixing Valve (TMV) for the Mechanical Mixing Valve used on ChekPoint (EC) and Equip (5EF) Electronic Faucets. These TMV's are tested and certified to ASSE 1070. These TMV's will control and limit the temperature of tempered water to the faucet. They are equipped with an adjustable and lockable means to limit the maximum outlet temperature with the intention of reducing the risk of scalding.

**NOTE: This device is pre-set for approximately 100°F (38°C). This device must be adjusted, verified and locked to a specific maximum temperature at the time of installation.**

## TOOLS NEEDED

Adjustable wrench  
#2 Phillips Screwdriver  
Thermometer

## INSTALLATION

1. Turn off Hot and Cold water supply to the faucet.
2. Disconnect the Hot and Cold flex supply hoses at the mechanical mixing valve.
3. Loosen and unscrew the swivel nut connecting the Mechanical Mixing Valve to the fitting on the Control Module.  
Remove the Mechanical Mixing Valve.
4. Install the Filter Washers supplied with the TMV in the Hot (H) and Cold (C) inlets of the TMV.
5. Install the outlet side of the TMV (OUT) into the swivel nut connection on the Control Module and tighten.
6. Connect and tighten the Hot and Cold flex supply hoses to the corresponding Hot and Cold inlets of the TMV.
7. Turn on Hot and Cold water supply and check for leaks.

## ADJUSTMENT

1. Activate the faucet several times until the outlet water temperature stabilizes. Check the temperature with the thermometer (Caution - the outlet temperature may be excessively hot).
2. Loosen the Phillips head screw in the TMV knob approximately 6 turns and pull the knob. It should now turn.  
If not, loosen the screw a little more until the knob turns.

3. Turn the knob to adjust the outlet water temperature to the desired comfort. It is recommended that the outlet temperature does not exceed 118°F (48°C) to reduce the risk of scalding. To decrease the temperature, turn the knob so more blue is seen on the color band. To increase temperature, turn the knob so more red is seen on the color band. Continue activation and adjustment until the water temperature has stabilized at the desired setting.
4. Push the knob back and tighten the screw to lock the temperature setting.

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T&S warrants to the original purchaser (other than for purposes of resale) that such product is free from defects in material and workmanship for a period of one (1) year from the date of purchase. During this one-year warranty period, if the product is found to be defective, T&S shall, at its options, repair and/or replace it. To obtain warranty service, products must be returned to...

*T&S Brass and Bronze Works, Inc.  
Attn: Warranty Repair Department  
2 Saddleback Cove  
Travelers Rest, SC 29690*

Shipping, freight, insurance, and other transportation charges of the product to T&S and the return of repaired or replaced product to the purchaser are the responsibility of the purchaser. Repair and/or replacement shall be made within a reasonable time after receipt by T&S of the returned product. This warranty does not cover Items which have received secondary finishing or have been altered or modified after purchase, or for defects caused by physical abuse to or misuse of the product, or shipment of the products.

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