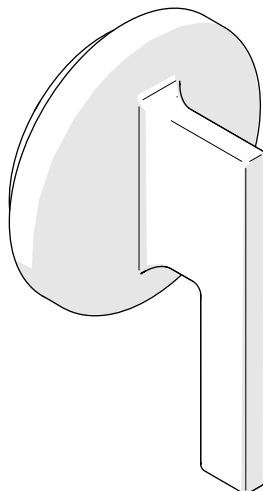
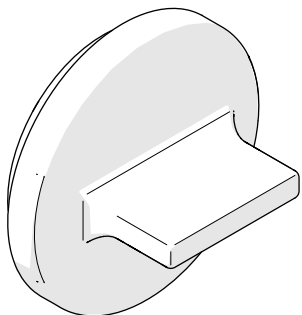


**STYLE No.** FMVC01  
with Metal Knob Handle

**STYLE No.** FMVC10  
with Metal Lever Handle



## SPECIFICATIONS:

Control Valve Rough-in Depth Min: 3-1/8"  
Control Valve Rough-in Depth Max: 4-3/4"  
Fittings Hole Diameter: Ø1-3/8"

## REQUIRED PLUMBING DETAILS:

Universal 3/4" Volume Control Valve  
**STYLE No.** GUVIC16 (Hot Cartridge)  
Universal 3/4" Volume Control Valve  
**STYLE No.** GUVIC17 (Cold Cartridge)

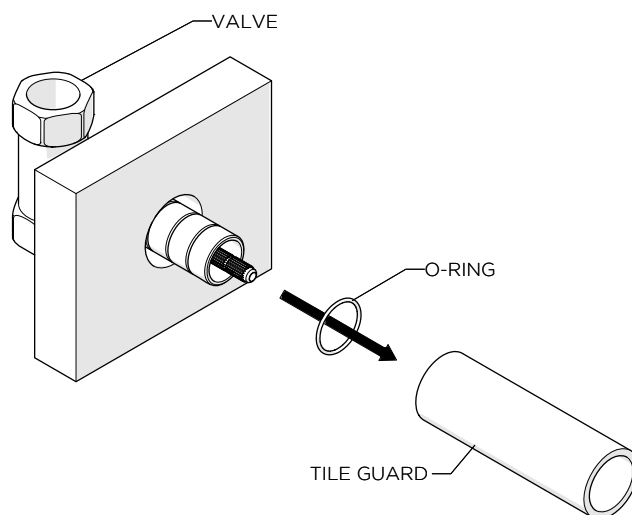
## IMPORTANT:

- To ensure this product is installed properly, you must read and follow these guidelines. The owner/user of this product must keep this information for future reference.
- This product must be on-site prior to rough-in. This allows the installer to visualize the installation and verify the center spread.
- This product must be installed by a professional licensed contractor. Be sure your installation conforms to all federal, state, and local codes. In the State of Massachusetts, all installations must comply with the rules and regulations set forth within 248 CMR.
- Wall valves (SOLD SEPARATELY) control on, off and volume and must be installed for each fitting that will have water flowing to it. If using a wall valve with the Universal 3/4" Thermostatic Valve (Style No. GUTH37R - SOLD SEPARATELY), refer to the Installation Guidelines for the Thermostatic Valve which contains related installation information.
- Refer to the specification and assembly drawings attached. Product is sold partially assembled but shown fully disassembled for illustrative and service purposes only.

- Inspect the product to ensure you have all the parts required for proper installation. Use only a strap wrench or protected/smooth-jaw wrench on any finished surface.
- DO NOT use putty. Putty contains oil and can cause permanent discoloration on certain materials such as marble, granite and any porous surface.

## TRIM INSTALLATION:

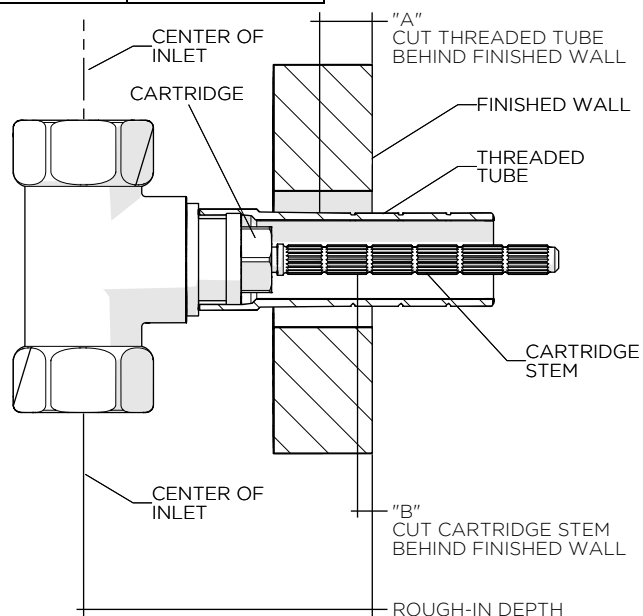
1. Remove the TILE GUARD and the O-RING from the VALVE as shown in Figure - 01.



**FIGURE - 01**

- See Figure - 02 for steps 2 & 3

| DIMENSION | VALUE (INCHES) |
|-----------|----------------|
| A         | 1/2"           |
| B         | 1/16"          |

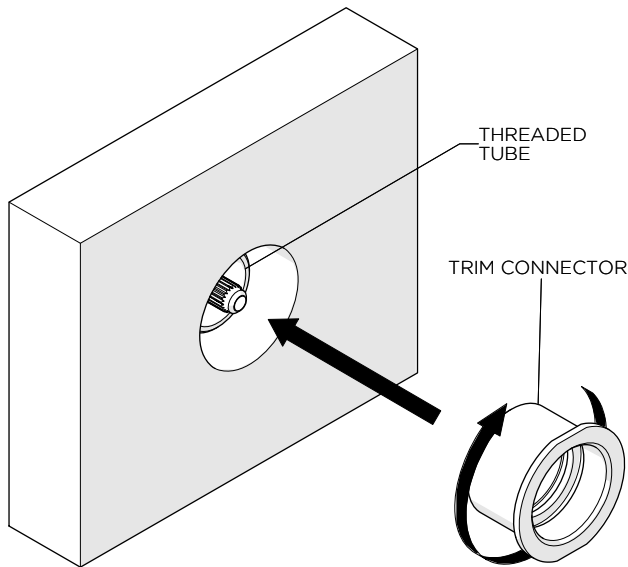


**FIGURE - 02**

These guidelines have been prepared for the professional contractor to aid in the installation of:  
FORMWORK VOLUME CONTROL VALVE TRIM WITH METAL KNOB HANDLES (STYLE No. FMVC01) &  
FORMWORK VOLUME CONTROL VALVE TRIM WITH METAL LEVER HANDLES (STYLE No. FMVC10)  
All dimensions are based on original specification and are subject to change and variation.  
Please consult your Design Associate for current specifications.

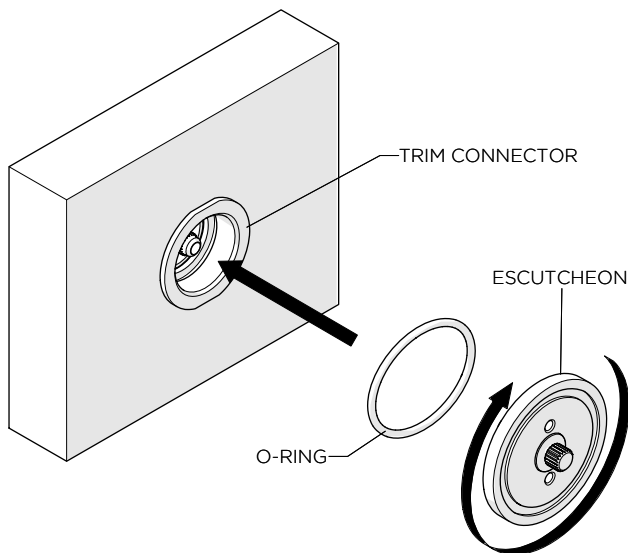
WATERWORKS

2. Mark the **THREADED TUBE** as shown in Figure - 02 then remove and cut the **THREADED TUBE**.
3. Mark the **CARTRIDGE STEM** as shown in Figure - 02 then remove the **CARTRIDGE** and cut the **CARTRIDGE STEM**.
4. Thread the **CARTRIDGE** and **THREADED TUBE** back onto the **VALVE**.
5. Thread the **TRIM CONNECTOR** onto the **THREADED TUBE** as shown in Figure - 03.



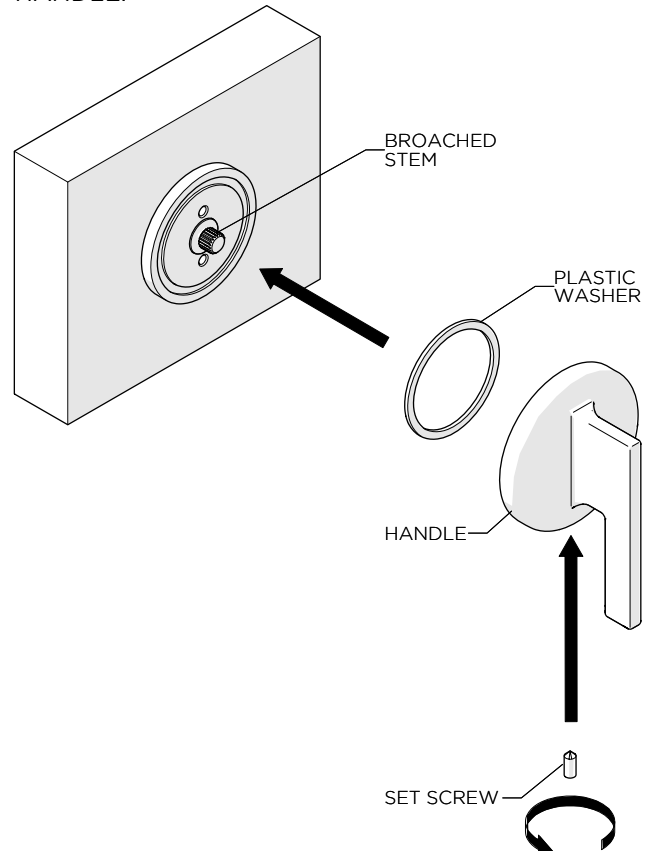
**FIGURE - 03**

6. Thread the **ESCUTCHEON** into the **TRIM CONNECTOR** as shown in Figure - 04, making sure the **O-RING** is behind the **ESCUTCHEON**.



**FIGURE - 04**

7. If desired, a bead of caulk or a clear silicone may be applied where the **ESCUTCHEON** contacts the finished wall. **DO NOT** use putty.\*
8. Place the **HANDLE** onto the **BROACHED STEM**, in the desired orientation. Ensure the **PLASTIC WASHER** is inside the groove on the **ESCUTCHEON**. Tighten the **SET SCREW** as shown in Figure - 05 to secure the **HANDLE**.



**FIGURE - 05**

9. Turn on the water supply and operate the **HANDLE** to ensure that it is functioning properly.
- If further assistance is required, please contact Product Support at 1-800-927-2120 Ext 2 Monday through Friday, 8am - 6pm EST.
  - See the service part document for parts ordering, available on [WATERWORKS.COM](http://WATERWORKS.COM).
- \* Putty contains oil and can cause permanent discoloration on certain materials such as marble, granite and any porous surface.

These guidelines have been prepared for the professional contractor to aid in the installation of:  
**FORMWORK VOLUME CONTROL VALVE TRIM WITH METAL KNOB HANDLES (STYLE No. FMVC01) &**  
**FORMWORK VOLUME CONTROL VALVE TRIM WITH METAL LEVER HANDLES (STYLE No. FMVC10)**  
All dimensions are based on original specification and are subject to change and variation.  
Please consult your Design Associate for current specifications.

**WATERWORKS**