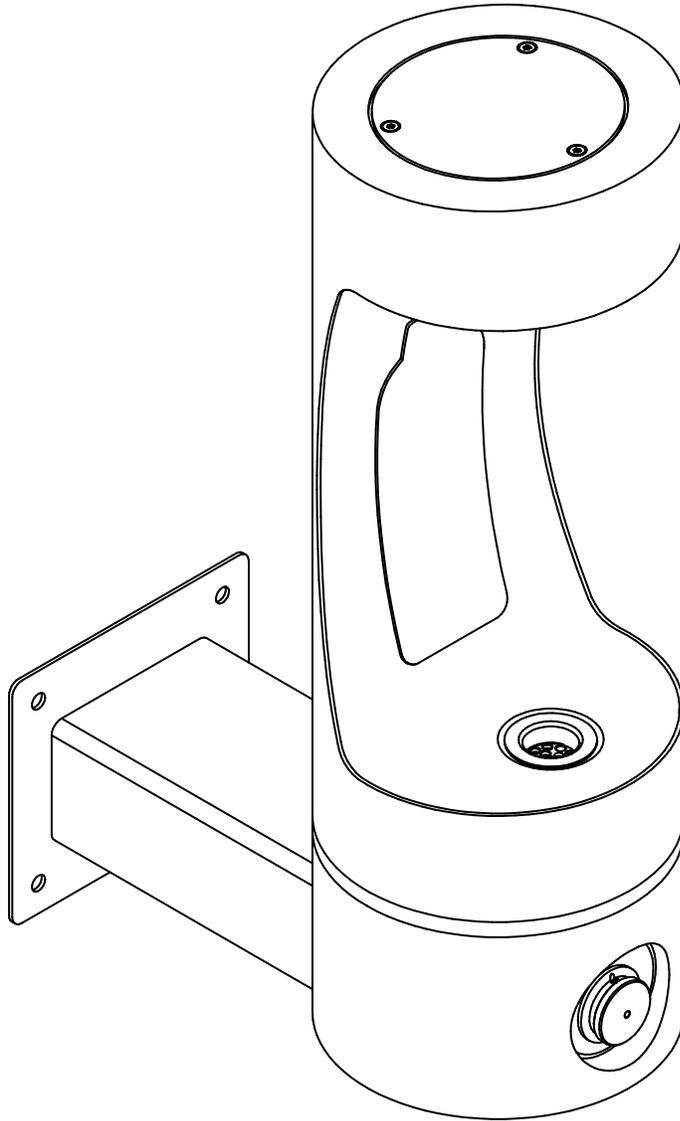


# Owners Manual

Model 4405BFFR

**Bottle Filling Freeze Resistant Wall Mounted Tubular Fountain**



## Installer

4405BFFR Fountains are among the easiest to install Fountains on the market today. To assure you install these models easily and correctly, PLEASE READ THESE SIMPLE INSTRUCTIONS BEFORE STARTING THE INSTALLATION. CHECK YOUR INSTALLATION FOR COMPLIANCE WITH PLUMBING, ELECTRICAL, AND ALL OTHER APPLICABLE CODES. After installation, leave these instructions with the Fountain for future reference. This Freeze Resistant Fountain is shipped in two separate cartons. The second carton contains the Freeze Resistant Package that are installed on an interior heated wall. The interior space must maintain a minimum temperature of 50° F (10° C). Refer to the Freeze Resistant Package for the rough-in dimensions for installation.

# INSTALLATION INSTRUCTIONS

## IMPORTANT

**ALL SERVICE TO BE PERFORMED BY AN AUTHORIZED SERVICE PERSON**

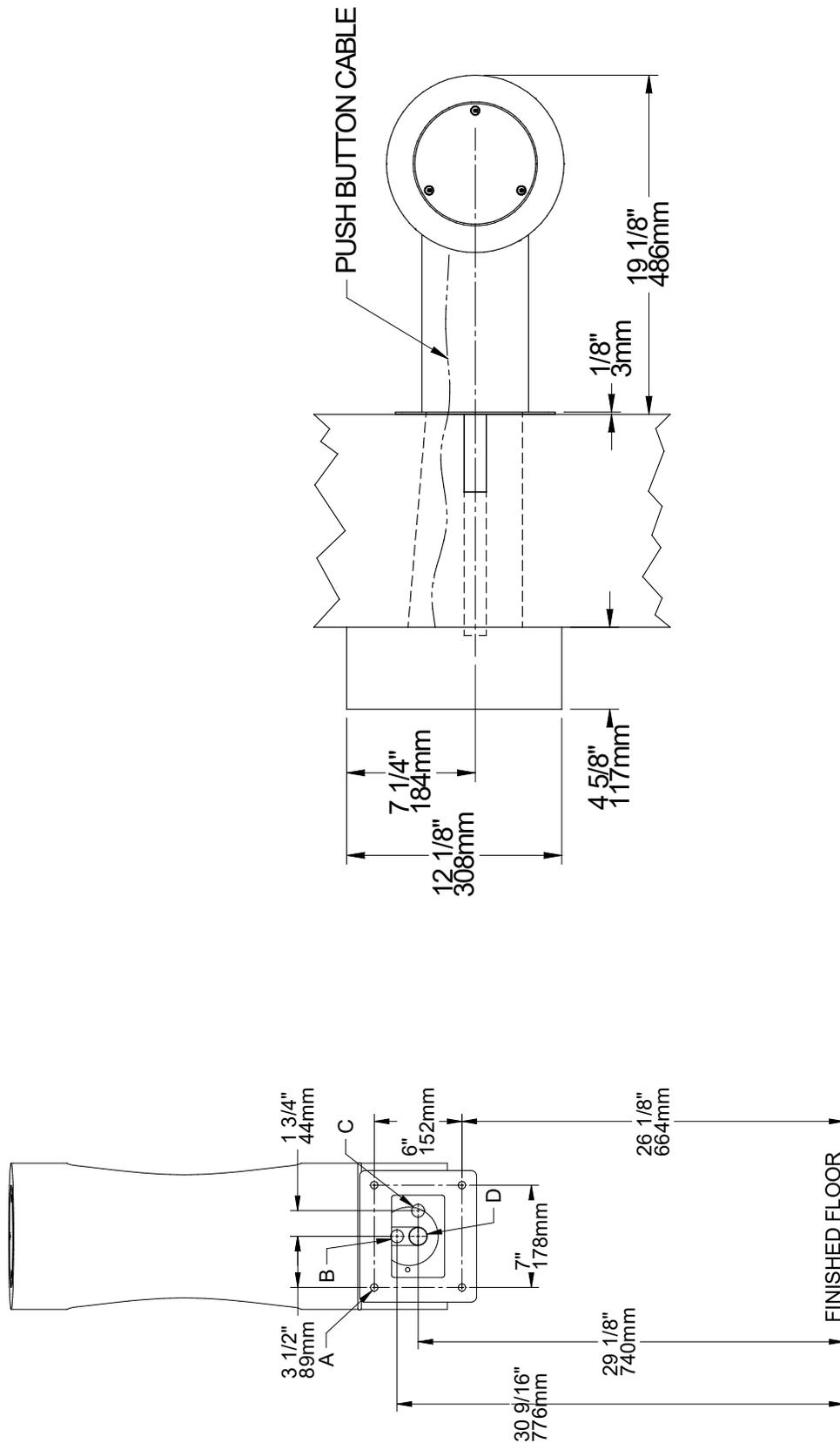
### **IMPORTANT! INSTALLER PLEASE NOTE.**

THE GROUNDING OF ELECTRICAL EQUIPMENT SUCH AS TELEPHONE, COMPUTERS, ETC. TO WATER LINES IS A COMMON PROCEDURE. THIS GROUNDING MAY BE IN THE BUILDING OR MAY OCCUR AWAY FROM THE BUILDING. THIS GROUNDING CAN CAUSE ELECTRICAL FEEDBACK INTO A FOUNTAIN, CREATING AN ELECTROLYSIS WHICH CAUSES A METALLIC TASTE OR AN INCREASE IN THE METAL CONTENT OF THE WATER. THIS CONDITION IS AVOIDABLE BY USING THE PROPER MATERIALS AS INDICATED. ANY DRAIN FITTINGS PROVIDED BY THE INSTALLER SHOULD BE MADE OF PLASTIC TO ELECTRICALLY ISOLATE THE FOUNTAIN FROM THE BUILDING PLUMBING SYSTEM.

The freeze resistant package must be mounted on an interior wall in a heated area. The room temperature of the interior heated area must be 50° F (10° C) or higher. The freeze resistant package may be surface or recessed mounted. If recess mounted the surface of the cover must be flush with the interior wall surface. The package is furnished with screws for mounting the cover to the box. If the box is recess mounted, do not fasten the top and bottom of the cover to the box. Use the holes on the front only.

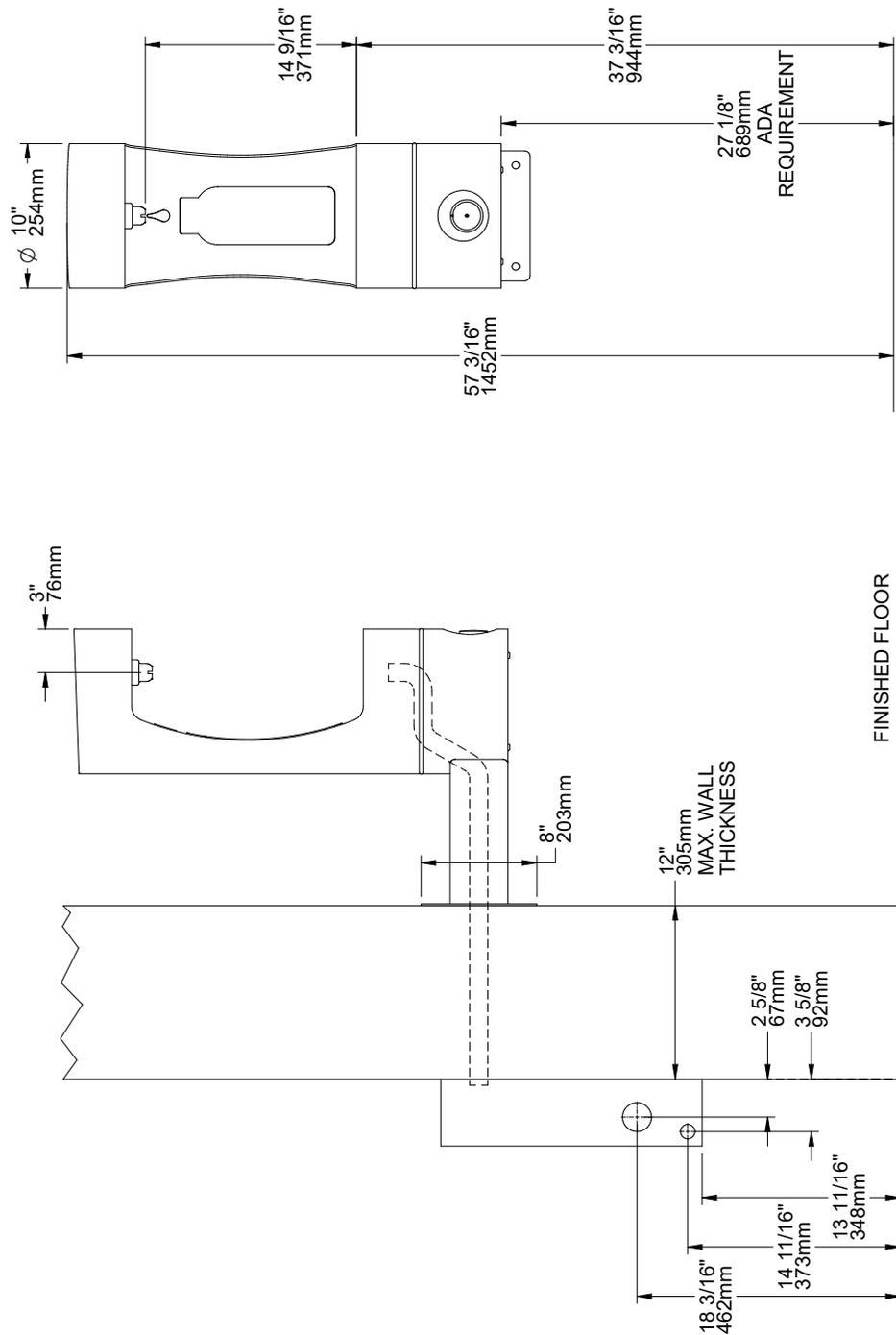
1. Assemble the operating cable to the fountain bracket. (Fountain should be mounted to exterior wall.) The adjustment nuts should be in the middle of threaded area on the operating cable. See Figure 5. Create a loop in the cable and thread the free end of the cable through the wall into the freeze resistant box.
2. Connect free end of operating cable to the valve-operating bracket in the freeze resistant box.
3. Remove cable free play by adjusting the jam nuts on the ends of the operating cable. See Figure 4.
4. Connect water line from bottle filler nozzle into freeze resistant box. The connection to the box uses a quick connect water fitting. Position the water line, in the fountain, to drain back into interior mounted box. Any water left standing, in the exterior line, can freeze. See Fig. 7 To insert tubing, push tube straight into fitting until it reaches a positive stop. To remove tubing from the fittings, relieve water pressure, push in on dark gray collar while pulling out on the tubing. See Figure 8.
5. Connect drain and water supply lines to the freeze resistant fountain. Refer to Figure 1 for component positions  
Start-up
6. Turn on building water supply and check all connections for leaks. Repair as required.
7. Adjust operating cable as required. Cable system should have a minimal amount of free play to allow for proper valve operation. If the system is too tight the valve will stay in the on position creating constant water flow. Too much free play will result in non-operation of the valve with the push-buttons.
8. Note: Water from the drain back tube in the freeze resistant package, will continue to run while the valve is actuated.
9. After cable system is adjusted properly stuff flexible insulation into any openings between the outside wall and the interior box.
10. Recheck all connections. If all connections are leak free replace cover(s) on the freeze resistant box(es) and fountain(s).

**FIG. 1**  
**4405BFFR BOTTLE FILLING FREEZE RESISTANT FOUNTAIN**  
**MOUNTING BOLT AND ACCESS HOLE LAYOUT**



**LEGEND**  
**A = MOUNTING BOLT LOCATIONS (4)(1/2" DIA. NOT PROVIDED).**  
**B = 7/8" DIA. (22mm) HOLE FOR WATER SUPPLY TUBE.**  
**C = 7/8" DIA. (22mm) HOLE FOR OPERATING CABLE.**  
**D = 2" DIA. (51mm) HOLE FOR WASTE LINE.**

4405BFFR BOTTLE FILLING FREEZE RESISTANT FOUNTAIN  
ROUGH-IN DRAWINGS



1. Wall should already be framed for the fountain using dimensions shown in Fig. 1. Shown dimensions pertain to installation location. These dimensions are required for compliance with ANSI Standard A117.1. and ADA (Framing shown for reference only).

2. Remove bottom cover from fountain and save screws.

3. Install the fountain using 3/8" minimum fasteners and washers (not provided). Tighten securely.

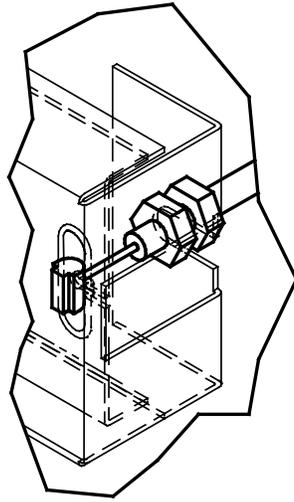
4. Prior to installing the bottle filler to the fountain, insert the drain tube (item #4) into the arm tunnel and adjust drain to lean to the left side of the arm when facing the button. Place the aesthetic collar (item #18) onto the mounting position of the fountain ensuring the vertical edge of the collar is upright and the curved edge sits below the mounting surface. Mount bottle filler to arm with collar centered between the two pieces. Install bottle filler to arm being sure drain tube is above mounting plate of filler. Install mounting hardware to secure filler to fountain.

5. Install bottle filler to fountain being sure drain tube is above mounting plate of filler. Install mounting hardware to secure filler to fountain.

6. Attach drain tube to fountain and cut to required length using the freeze resistant box as a guide.

7. Install freeze-resistant box - see box instructions.

FIG. 3



**CABLE SHEATH ADJUSTMENT**

To Increase Free Play



To Reduce Free Play

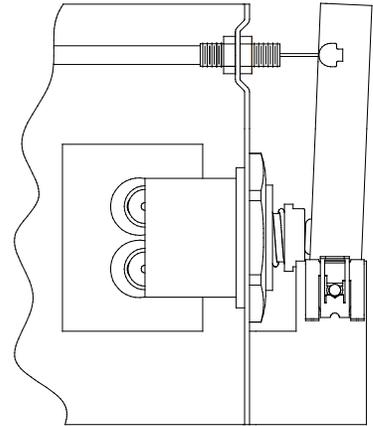


FIG. 4

FIG. 5

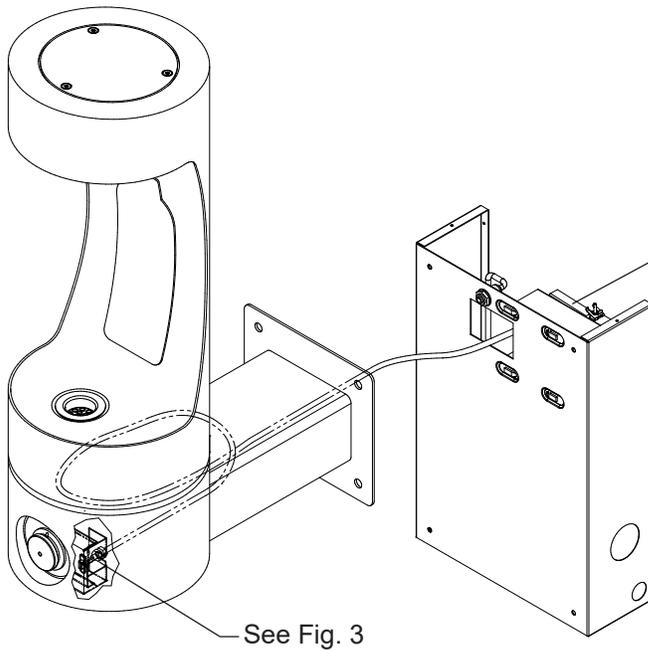


FIG. 6

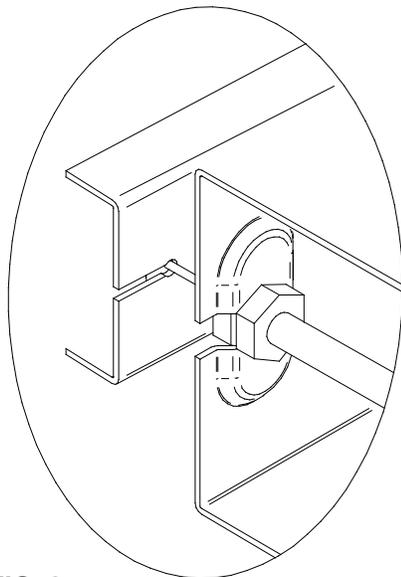
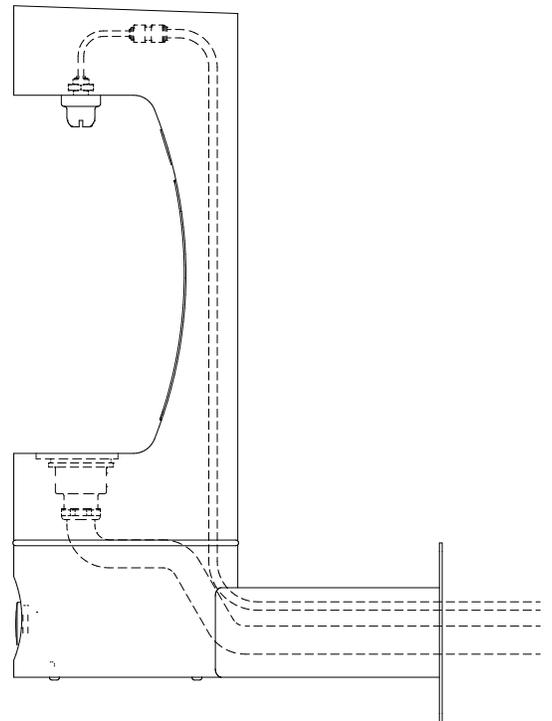


FIG. 7



ITEMIZED PARTS LIST

| ITEM NO. | PART NO.    | DESCRIPTION                                  |
|----------|-------------|--|
| 1        | 1000003814* | Cover - Round Plate                          |
| 2        | 45931C      | Outdoor Bottle Filler Drain Plug             |
| 3        | 1000003813* | Bottom Cover                                 |
| 4        | 66816C      | Tube - Drain                                 |
| 5        | 75724C      | Pinned Torx Screw - 1/4-20 x 3/4"            |
| 6        | 45662C      | Push Button                                  |
| 7        | 45663C      | Push Button Guide Sleeve                     |
| 8        | 98679C      | Kit - Nozzle                                 |
| 9        | 98680C      | Kit - Aerator/Key                            |
| 10       | 98681C      | Kit - Blank Bottle Filler Trim               |
|          | 1000003692  | Kit - LK4405 Bottle Filler Trim              |
|          | 1000003693  | Kit - 4405 Bottle Filler Trim                |
| 11       | 28703C      | Blank Nameplate Insert (only)                |
| 11a      | 28703C-LK   | LK4405 Nameplate Insert (only)               |
| 11b      | 28091C-HT   | 4405 Nameplate Insert (only)                 |
| 12       | 98683C      | Kit - Plastic Drain                          |
| 13       | 98685C      | Kit - 4400 Series Hardware                   |
| 14       | 98686C      | Kit - Bottle Filler Waterway                 |
| 15       | 98872C      | Kit - Pivot Brkt/Bshing/Bumper/Rod/Tailpiece |
| 16       | 75672C      | Screw-Socket Cap                             |
| 17       | 97247C      | Kit - VR Torx Screws/Bit                     |
| 18       | 1000005456  | Aesthetic Collar                             |

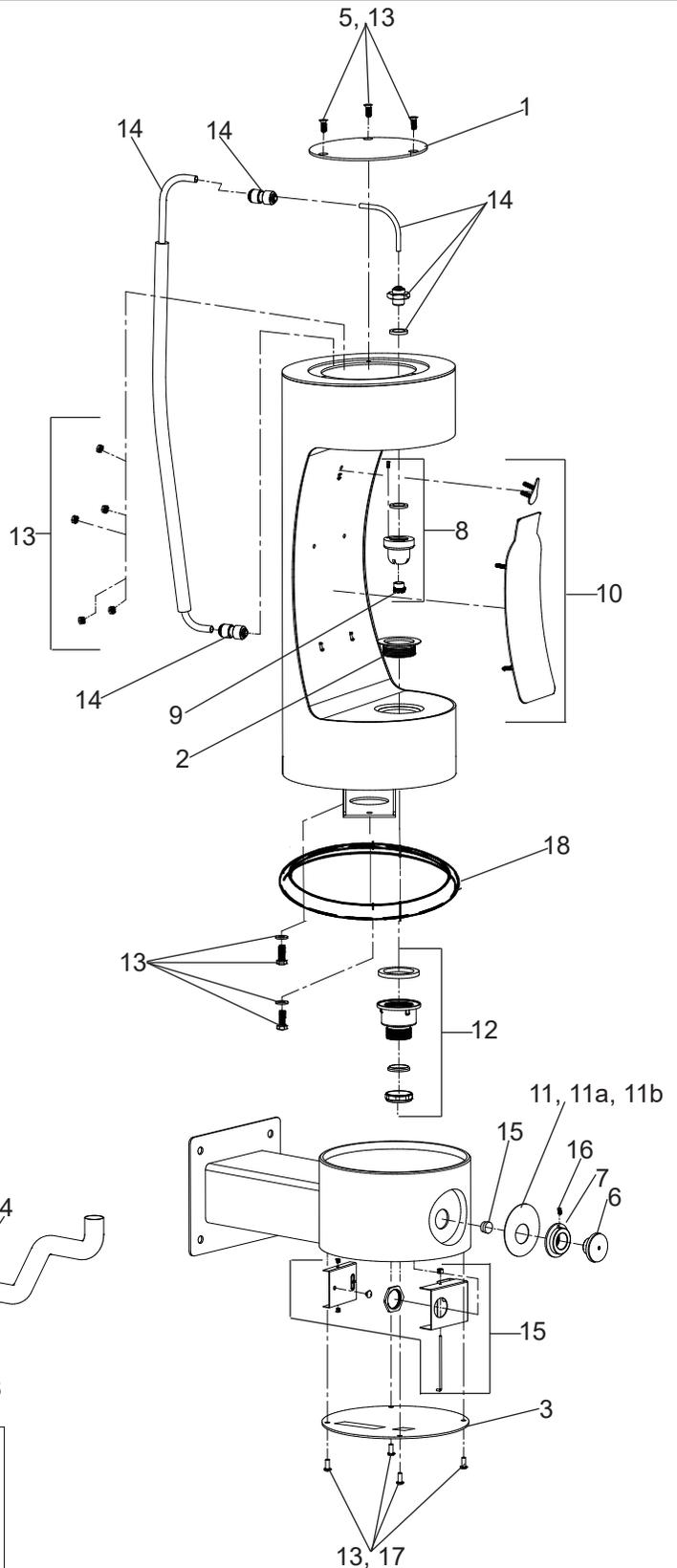
\*select color option to complete part number

**\*FINISH COLOR OPTIONS – Choose color option to complete your model number, add as suffix example: 4405BFFRKEVG**

Matte finish:  Evergreen = **EVG**

Gloss finish:

- |   |  |  |
|---|--|--|
| <input type="checkbox"/> Beige = <b>BGE</b> | <input type="checkbox"/> Gray = <b>GRY</b>   | <input type="checkbox"/> Terracotta = <b>TER</b> |
| <input type="checkbox"/> Black = <b>BLK</b> | <input type="checkbox"/> Orange = <b>ORN</b> | <input type="checkbox"/> White = <b>WHT</b>      |
| <input type="checkbox"/> Blue = <b>BLU</b>  | <input type="checkbox"/> Purple = <b>PUR</b> | <input type="checkbox"/> Yellow = <b>YLV</b>     |
| <input type="checkbox"/> Brown = <b>BRN</b> | <input type="checkbox"/> Red = <b>RED</b>    |  |



OPERATION OF QUICK CONNECT FITTINGS

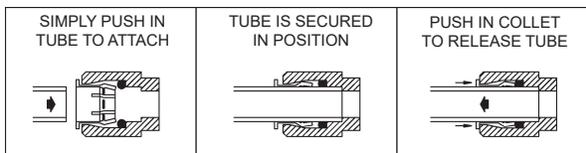


FIG. 8

PUSHING TUBE IN BEFORE PULLING IT OUT HELPS TO RELEASE TUBE.