



# INSTALLATION, OPERATIONS & MAINTENANCE MANUAL

Please visit [www.acorneng.com](http://www.acorneng.com)  
for most current specifications.



LR1671-1-03

(Photo shows optional accessories)



## IMPORTANT

Important: Some options may slightly alter installation. To ensure proper installation review the manual thoroughly and verify rough-ins before beginning any work. File this manual with the owner or maintenance personnel upon completion of installation.

Industry standard wall backing, for wall hung fixtures, is required. Installer provided wall anchors and wall anchoring hardware must be appropriate for wall construction.

ANSI, UFAS or ADA compliance is subject to the interpretation and requirements of the local code authority and is the responsibility of the installer for verification.

Prior to installation, supply lines must be flushed of all foreign material such as pipe dope, chips, or solder. Debris or foreign material in water supply may damage valve.

Teflon tape is recommended on all threaded waste and supply connections to reduce the possibility of leaks.

Provide 110-120VAC/60Hz/3A (MAX) electrical receptacle for factory supplied 120VAC/9VDC, 100mA plug-in transformer.

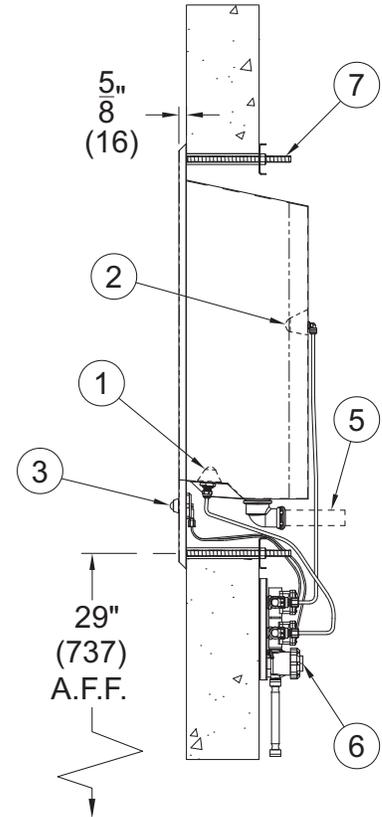
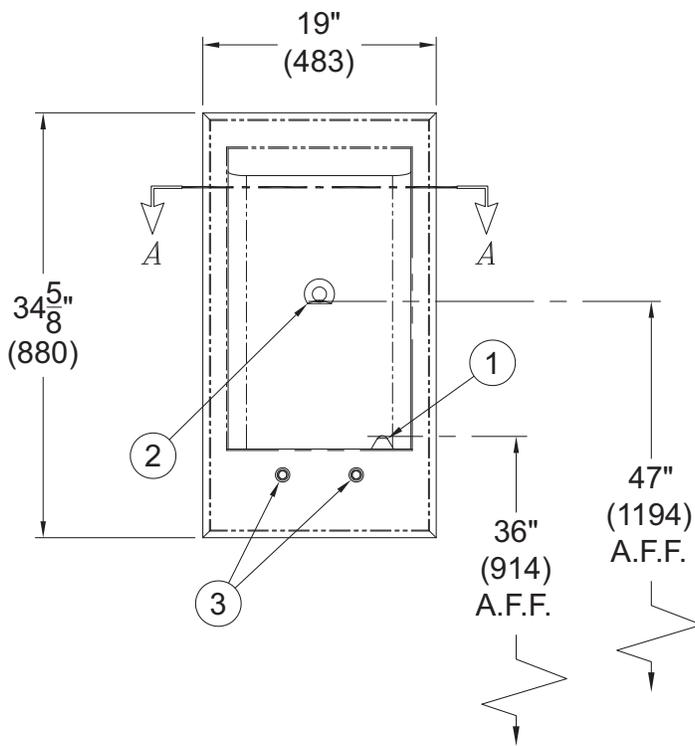
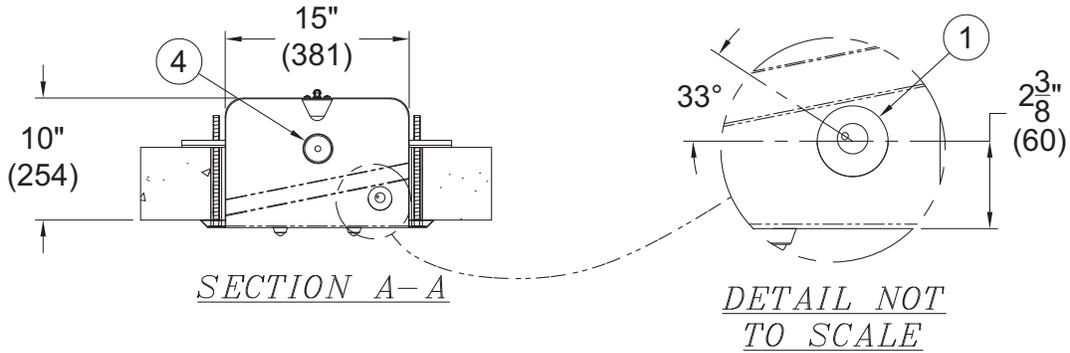
NOTE: Receptacle(s) must be wired to a GFCI protected circuit. Fixture must be earth grounded per N.E.C. (National Electrical Code).



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## LR1671 ROUGH-IN AND DIMENSIONAL DRAWING



### LR1671

#### NOTES:

- |  |  |
|--|--|
| 1. LIGATURE RESISTANT DRINKING BUBBLER | 5. 1-1/2" O.D. LAVY WASTE BY OTHERS                                |
| 2. LIGATURE RESISTANT BOTTLE FILLER    | 6. -03-MA2 MANIFOLD NON-METERING AIR-CONTROL VALVE (CHASE MOUNTED) |
| 3. HEMISPHERICAL PUSHBUTTONS           | 7. REAR MOUNTING HARDWARE, PROVIDED                                |
| 4. LIGATURE RESISTANT DRAIN            |  |



## LR1671 INSTALLATION

### INSTALLATION STEPS: (ILLUSTRATED ON FOLLOWING PAGES)

1. Provide Wall Opening as indicated in rough-in sheet. Provide structural support around Wall Opening for adequate mounting.
2. Carefully remove Drinking Fountain/ Bottle Filler from packaging to prevent damage.
3. Insert and center fixture into the rough-in blockout, with sides, top and bottom flange against finished wall. Mark, level and pre-drill mounting points onto Finished Wall.
4. Install Fixture into Wall Opening and secure to Finished Wall using Mounting Brackets from behind the Fixture/Wall.
5. Thoroughly flush the 1/2" O.D. supply line and then make up supply connections.
6. Make up 1-1/4" O.D. waste connection.
7. **Upon completion of all plumbing connections, check for water leaks in supply lines and waste water piping.**

### START UP:

1. After thoroughly flushing the supply line and connecting it to the fixture, turn on building water supply and check all connections for leaks.
2. Air within the Fountain or the structure supply piping will cause an irregular outlet stream until purged out by incoming water.
3. Recheck all water and drain connections with water flowing through system.

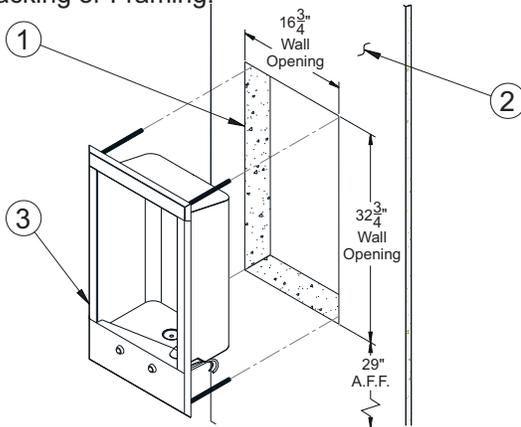


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## FIXTURE ANCHORING

**1** Create 16-3/4" x 32-3/4" Wall Opening and ensure adequate Wall Backing or Framing.



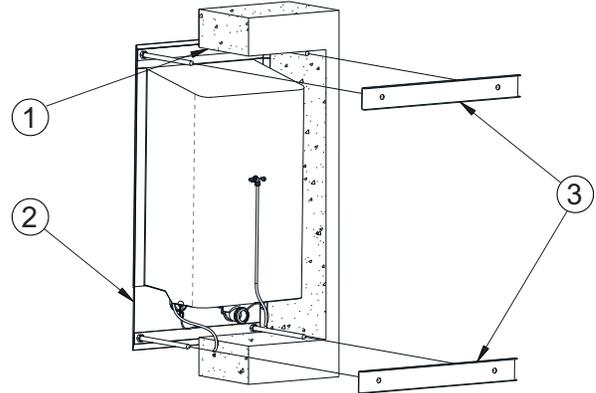
- ① Wall Opening
- ② Finished Wall
- ③ Fixture



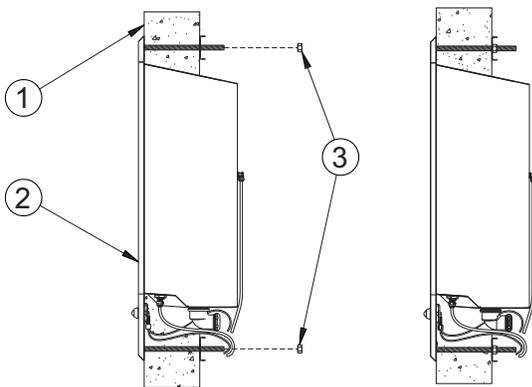
**NOTE:** It is recommended for installer to use security caulk around edges to further secure fixture.

- ① Finished Wall
- ② Fixture
- ③ Mounting Brackets (Provided)

**2** Place unit into Wall Opening, and install Mounting Brackets from behind Fixture/Wall.



**3** Secure Fixture to Wall using Hex Nuts (Provided). Make up Supply and Waste Connections.



- ① Finished Wall
- ② Fixture
- ③ Hex Nuts (Provided)



Upon completion of all plumbing connections, check for water leaks in supply lines and waste water piping.



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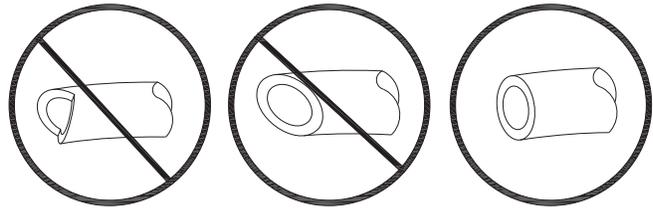
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## PUSH-IN FITTING INSTALLATION

NOTE: FITTINGS AND TUBE SHOULD BE KEPT CLEAN, BAGGED AND UNDEMANAGED PRIOR TO INSTALLATION.

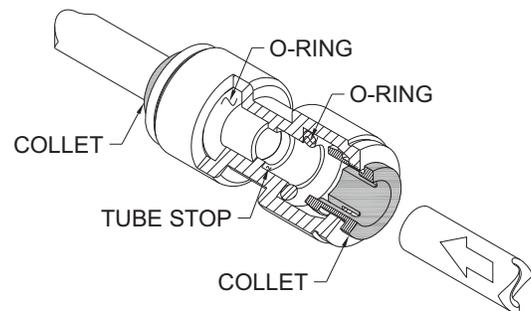
### TO CUT TUBE:

Cut to fit length of 1/4" PE Tubing and remove any burrs or sharp edges. Ensure that the outside diameter is free from score marks. Tube ends should be square.

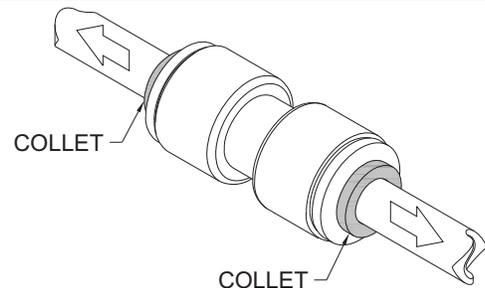


### INSERTING THE TUBE:

1. Firmly and fully insert the Tubing end into the Push-In Fitting up to the Tube Stop located approximately 1/2" deep.



2. Pull on the fitted Tubing to ensure it is secure. Tube should not come free from the Fitting. Water test the connection assembly prior to leaving the site to ensure there are no leaks.



### DISCONNECTING THE TUBE:

Prior to disconnecting the Tube from the Fitting, ensure that the Water Line is depressurized. Push Collet Square towards the Push-In Fitting Body and hold. While holding the Collet in, pull on the PE Tubing to remove from the Push-In Fitting.

