

## Rentals/Temporary and Permanent Installation Tips:

By using a 1-1/2-inch spigot trap adapter and no-hub coupling, the ET117-001 may be removed and the standpipe left in its original condition. You can unscrew the ET117-001 to check flow rates or install at a new location even if a trap adapter or wye and trap adapter combination are permanently glued to the standpipe.

The two trap adapters provided with your ET117-001 will allow you to make a connection to any standpipe configuration encountered: use the close - 1/2-inch MIPT nipple in a threaded female fitting, the spigot adapter in a female slip fitting, and a hub adapter over ABS pipe. The Beveled washer and O-ring are interchangeable, but should not be used together.

### No-Hub connectors:

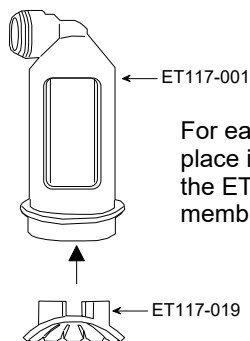
Ideal for cast iron or non-threaded galvanized steel, Copper, and ABS/PVC Pipe. With the use of non-hub Couplings, it is a simple procedure to splice into any drain line to fabricate a standpipe.

### Note:

In most residential applications, it is permissible to transition from metal to plastic using no-hub couplings; however some commercial buildings require uniformity of materials throughout the drainage system such as all no-hub cast iron pipe. For this reason, it is advisable to determine the specific code requirements for each job.

### ET170-019 Installation Instruction

The ET170-019 is an optional accessory (ordered separately) for the ET117-001/ET117-002 units. The ET170-019 must be centered and installed all the way inside of the ET117; see picture below. The ET170-019 used as noise reduction membrane for water dripping.



For easy alignment of the ET170-019, place it on a surface with ribs up. Apply the ET117 unit on top. Then push the membrane all the way inside of the unit .

MADE IN USA  
ASME A112.1.3



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**Model:**

**ET117-001**

**3/8-INCH INLET  
1-1/2-INCH OUTLET  
AIR GAP**

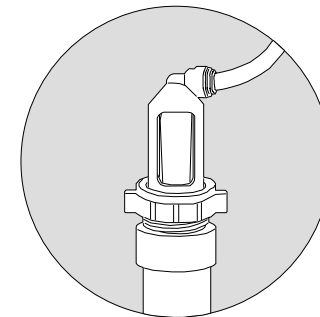
Pat. No. 5,449,456  
Pat. No. 5,681,459  
Pat. No. 5,944,985  
Pat. No. 6,193,879

**MADE IN USA**



**ASME A112.1.3**

► For Schedule – 40  
Standpipe Installation



**COMPATIBILITY:**  
ET117-001 is not compatible with  
reverse osmosis faucets with air gap.








Old Part Number:  
**G-38QCA  
DLA-G™**

# ET117-001


## Installation Procedures

For Stand Pipe Applications

### LIST OF PARTS ENCLOSED

- |   |   |
|---|---|
| 1 – Drain Line Adapter Airgap with 3/8" Push-In Connection -----            |  |
| 1 – 1 1/2" Schedule – 40 (Hub x Male Pipe Thread) ABS Trap Adapter -----    |  |
| 1 – 1 1/2" Schedule – 40 (Spigot x Male Pipe Thread) ABS Trap Adapter ----- |  |
| 1 – 1 1/2" Slip Joint (S.J.) Wing Nut -----                                 |  |
| 1 – 1 1/2" Slip Joint (S.J.) Beveled Washer -----                           |  |
| 1 – 1 1/2" Nitrile O-Ring (for alternate use instead of washer) -----       |  |
| 1 – Locking Clip for 3/8" Tube -----  |  |

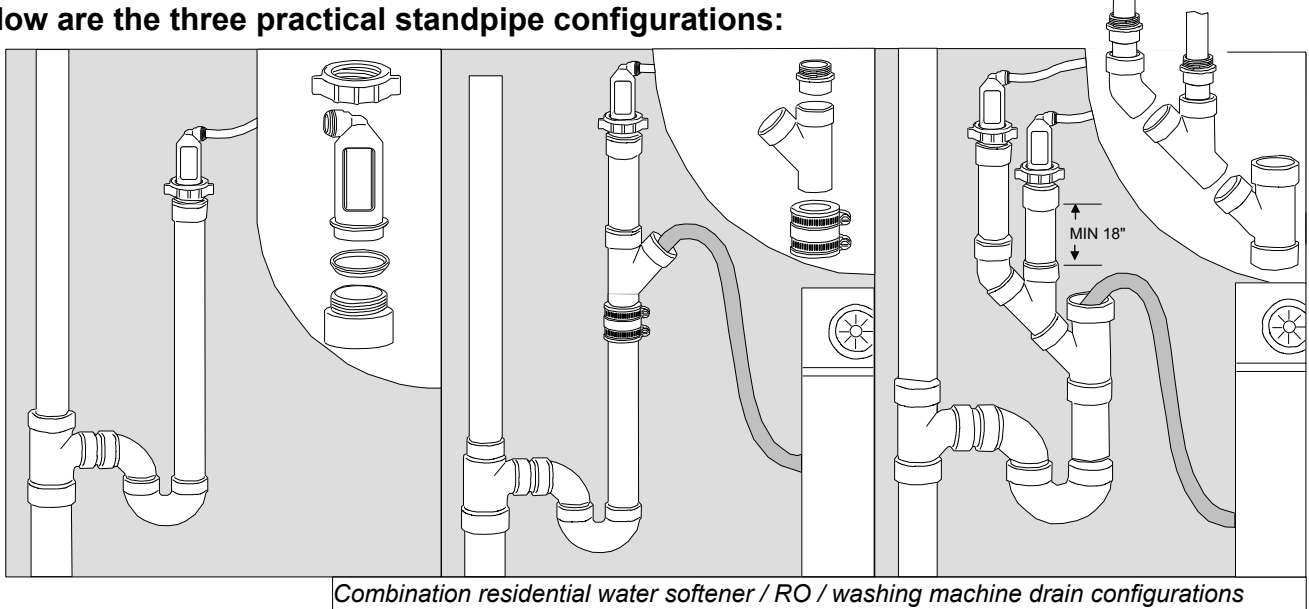
ET170-019 optional accessory

- |  |   |
|--|---|
| 1 – Drip noise prevention membrane ----- |  |
|--|---|

- The ET117-001 provides a true air gap for all Schedule-40 DWV standpipes.
- These instructions are intended for a professional installer. Examples are provided without giving details of every procedure.

To comply with all plumbing code requirements, the standpipe used with an ET117 series must be trapped, vented and fabricated from a Schedule-40 Drain Waste and Vent that has been approved in your area, such as: ABS, PVC, galvanized steel, copper, or no-hub cast iron with an inside diameter of 1-1/2-inch or greater.

Below are the three practical standpipe configurations:

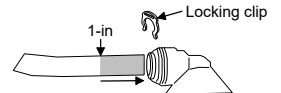


### Tube installation instruction:

Tubing must be cut straight using a tubing cutter; not a knife .  
If the cut is at an angle, the O-ring may not seal properly.

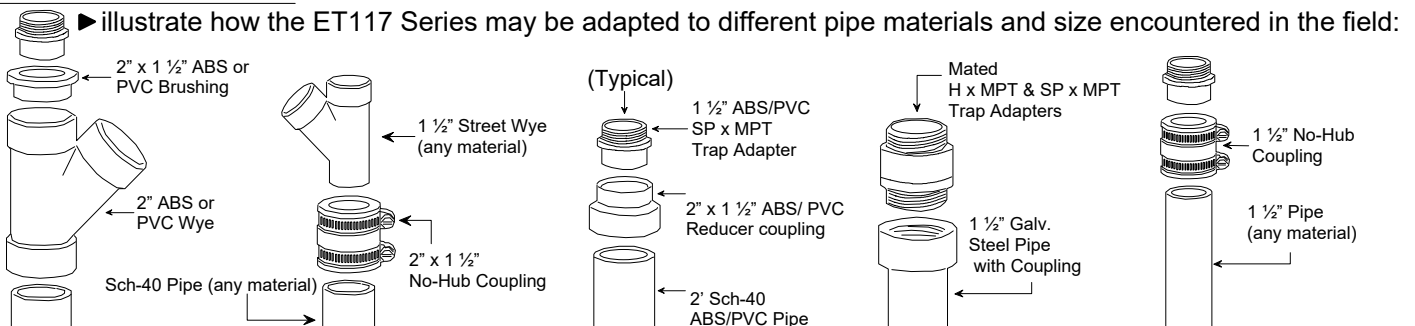


Tubing must be inserted all the way into the air gap, one full inch.  
It may be necessary to rotate the airgap back and forth while pushing on the tube.



Apply Locking clip

### The examples below:



-OVER-