

## Rentals/Temporary and Permanent Installation Tips:

By using a 1 1/2" spigot trap adapter and no-hub coupling, the ET117-010 may be removed and the standpipe left in its original condition. You can unscrew the ET117-010 to check flow rates, or install at a new location even if a trap adapter or wye and trap adapter combination is permanently glued to the standpipe.

The two trap adapters provided with your ET117-010 will allow you to make a connection to any standpipe configuration encountered: use the close 1-1/2-inch MIPT nipple in a threaded female fitting, the spigot adapter in a female slip fitting, and a hub adapter over PVC 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.

### List of materials useful to have on hand:

(These materials are inexpensive, easy to find, and take up very little space.)

|   |                                       |
|---|---------------------------------------|
| 2" No-Hub Coupling                      | 2" ABS/PVC Combination Tee            |
| 2" x 1 1/2" No-Hub Coupling             | 2" x 1 1/2" ABS/PVC Combination Tee   |
| 1 1/2" No-Hub Coupling                  | 1 1/2" ABS/PVC Combination Tee        |
| 2" ABS/PVC Wye (Hub or Street)          | 2" ABS/PVC Sanitary Tee               |
| 2" x 1 1/2" ABS/PVC Wye (Hub or Street) | 2" x 1 1/2" ABS/PVC Sanitary Tee      |
| 1 1/2" ABS/PVC Wye (Hub or Street)      | 1 1/2" ABS/PVC Sanitary Tee           |
| 2" ABS/PVC P-Trap                       | 2" ABS/PVC Sch-40 Pipe (5'-10')       |
| 1 1/2" ABS/PVC P-Trap                   | 1 1/2" ABS/PVC Sch-40 Pipe (5'-10')   |
| 2" x 1 1/2" ABS/PVC Reducer Coupling    | ABS Glue                              |
| 2" x 1 1/2" ABS/PVC Flush Brushing      | PVC Primer & Glue                     |
| 1 1/2" ABS/PVC Street 45 (1/8 Bend)     | 1" Teflon Tape or Pipe Joint Compound |

### Tools useful to have on hand:

- Sawzall Pipe/Tube Cutter or Hacksaw
- Channel Lock or Pipe Wrench
- No-Hub Wrench or Straight Screw Driver
- Tape Measure

MADE IN USA  
ASME A112.1.3



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Placentia, California



Model:

# ET117-010

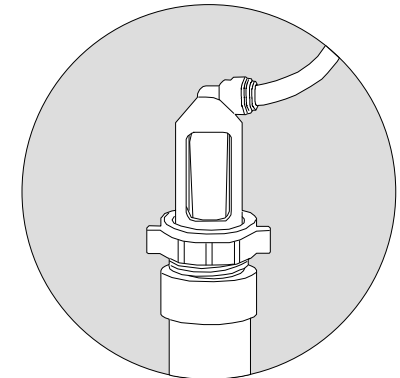
## 1/4-INCH INLET 1-1/2-INCH OUTLET AIR GAP

MADE IN USA

► For Schedule – 40  
Standpipe Installation



ASME A112.1.3










# ET117-010

## Installation Procedures

For Stand Pipe Applications

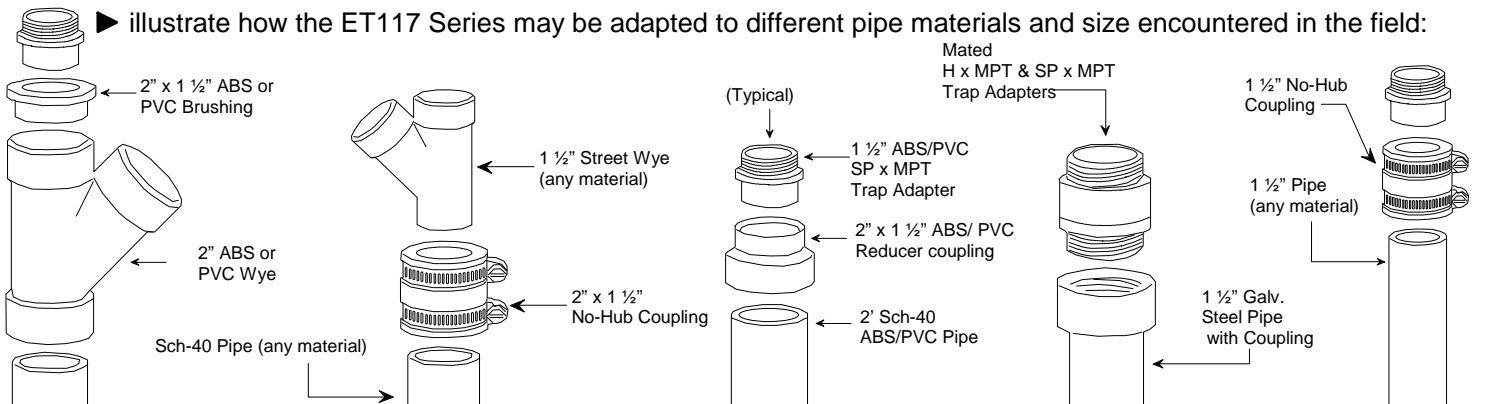
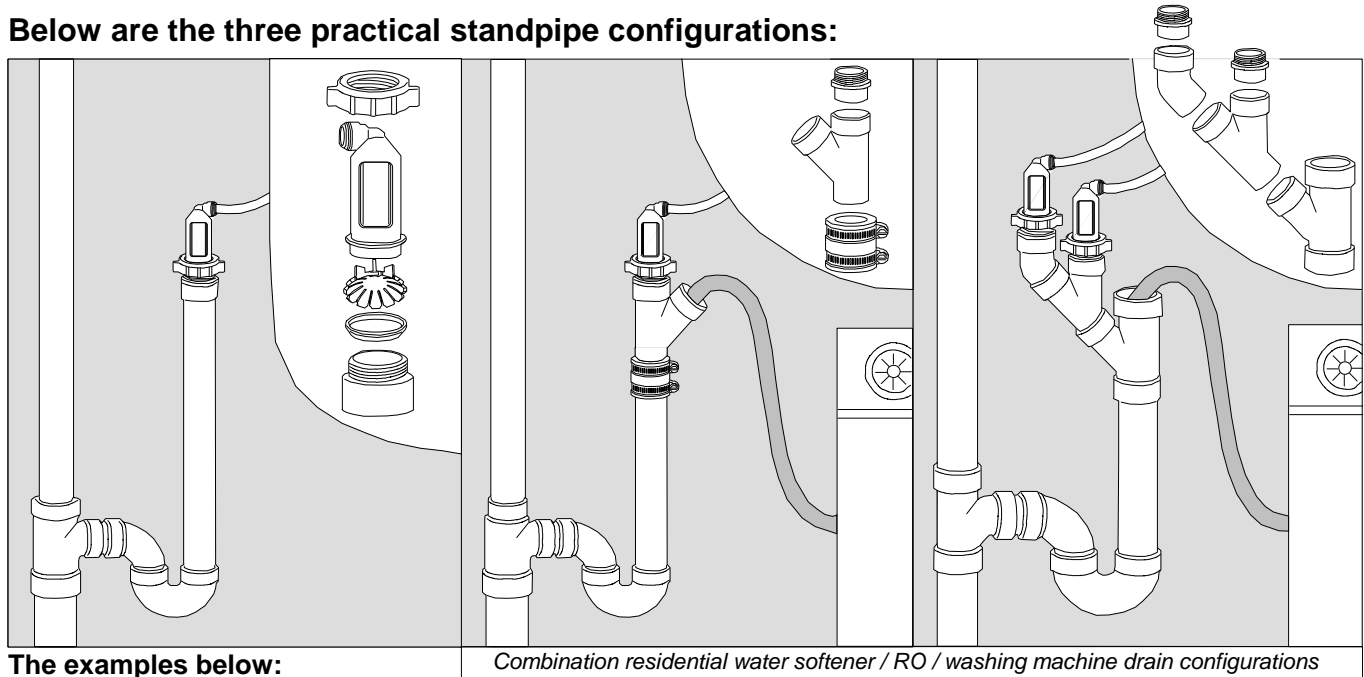
### LIST OF PARTS ENCLOSED

- 1 – Drain Line Adapter Airgap with 1/4" Push-In Connection ..... 
- 1 – 1 1/2" Schedule – 40 (Hub x Male Pipe Thread) PVC Trap Adapter..... 
- 1 – 1 1/2" Schedule – 40 (Spigot x Male Pipe Thread) PVC 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 – Drip noise prevention membrane ..... 

- **The ET117-010 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:**



-OVER-