

## Rentals/Temporary and Permanent Installation Tips:

By using a 1-1/2-inch spigot trap adapter and no-hub coupling, the ET117-004 can be removed and the standpipe left in its original condition. You can unscrew the ET117-004 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 ET117-004 will allow you to make a connection to any standpipe configuration encountered: use the 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:

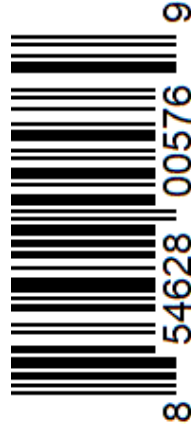
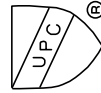
(These materials are inexpensive, easy to find, and take up very little space.)

2" No-Hub Coupling	2" ABS/PVCC Combination Tee
2" x 1 1/2" No-Hub Coupling	2" x 1 1/2" ABS/PVCC Combination Tee
1 1/2" No-Hub Coupling	1 1/2" ABS/PVCC 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	1 1/2" 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



Model:

# ET117-004

## 1/2-INCH INLET

## 1-1/2-INCH OUTLET

## AIR GAP

Pat. No. 5,449,456

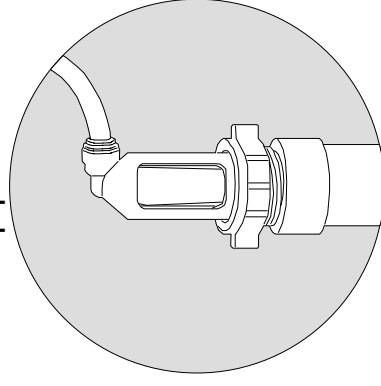
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Pat. No. 5,944,985

Pat. No. 6,193,879

MADE IN USA

► For Schedule – 40  
Standpipe Installation



ASME A112.1.3

Old Part Number:








G-50QCP  
DLA-G™

# ET117-004

## Installation Procedures

For Stand Pipe Applications

### LIST OF PARTS ENCLOSED

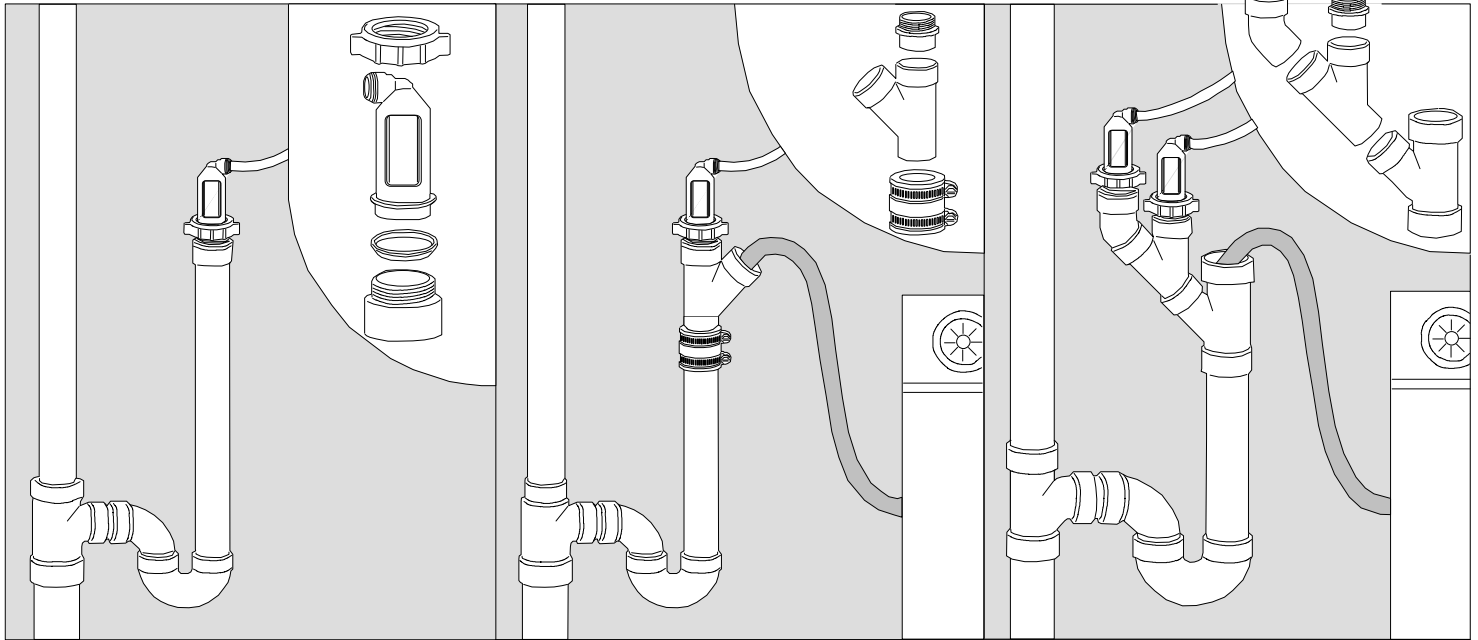
1 – Drain Line Adapter Airgap with 1/2-inch Push-In Connection.....	
1 – 1-1/2-inch Schedule – 40 (Hub x Male Pipe Thread) PVC Trap Adapter.....	
1 – 1-1/2-inch Schedule – 40 (Spigot x Male Pipe Thread) PVC Trap Adapter.....	
1 – 1-1/2-inch Slip Joint Wing Nut .....	
1 – 1-1/2-inch Slip Joint Beveled Washer .....	
1 – 1-1/2-inch Nitrile O-Ring (for alternate use instead of washer) .....	
1 – Locking clip for 1/2" tube .....	

**• The ET117-004 provides a true airgap for all Schedule-40 DWV standpipes.**  
**• These instructions are intended for the professional installer. Examples are given without providing details of every procedure.**

To comply with 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 is 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:



### The examples below:

Combination residential water softener / RO / washing machine drain configurations

