

Rentals/Temporary and Permanent Installation Tips:

By using a 1 ½" spigot trap adapter and no-hub coupling, the ET117-006 may be removed and the standpipe left in its original condition. You can unscrew the ET117-006 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 ET117-006 will allow you to make a connection to any standpipe configuration encountered: use the close 1 ½" 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 a 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 ½" No-Hub Coupling	2" x 1 ½" ABS/PVC Combination Tee
1 ½" No-Hub Coupling	1 ½" ABS/PVC Combination Tee
2" ABS/PVC Wye (Hub or Street)	2" ABS/PVC Sanitary Tee
2" x 1 ½" ABS/PVC Wye (Hub or Street)	2" x 1 ½" ABS/PVC Sanitary Tee
1 ½" ABS/PVC Wye (Hub or Street)	1 ½" ABS/PVC Sanitary Tee
2" ABS/PVC P-Trap	2" ABS/PVC Sch-40 Pipe (5'-10')
1 ½" ABS/PVC P-Trap	1 ½" ABS/PVC Sch-40 Pipe (5'-10')
2" x 1 ½" ABS/PVC Reducer Coupling	ABS Glue
2" x 1 ½" ABS/PVC Flush Brushing	PVC Primer & Glue
1 ½" 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

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ASME A112.1.3



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Placentia, California

Model: **ET117-006**
(**DLA-G** TM)

Pat. No. 5,449,456

Pat. No. 5,681,459

Pat. No. 5,944,985

Pat. No. 6,193,879

MADE IN USA

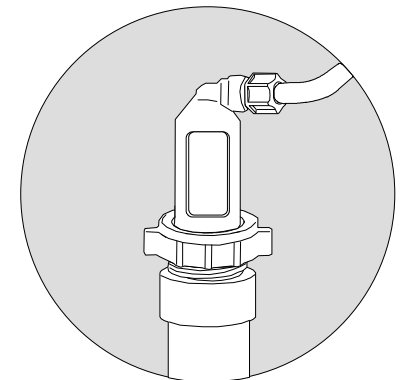
Multipurpose Airgap DRAIN LINE ADAPTER

► For Schedule – 40
Standpipe Installation



ASME A112.1.3

Part No.
ET117-006
(G-58JP)

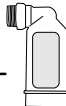








ET117-006

Installation Procedures

For Stand Pipe Applications

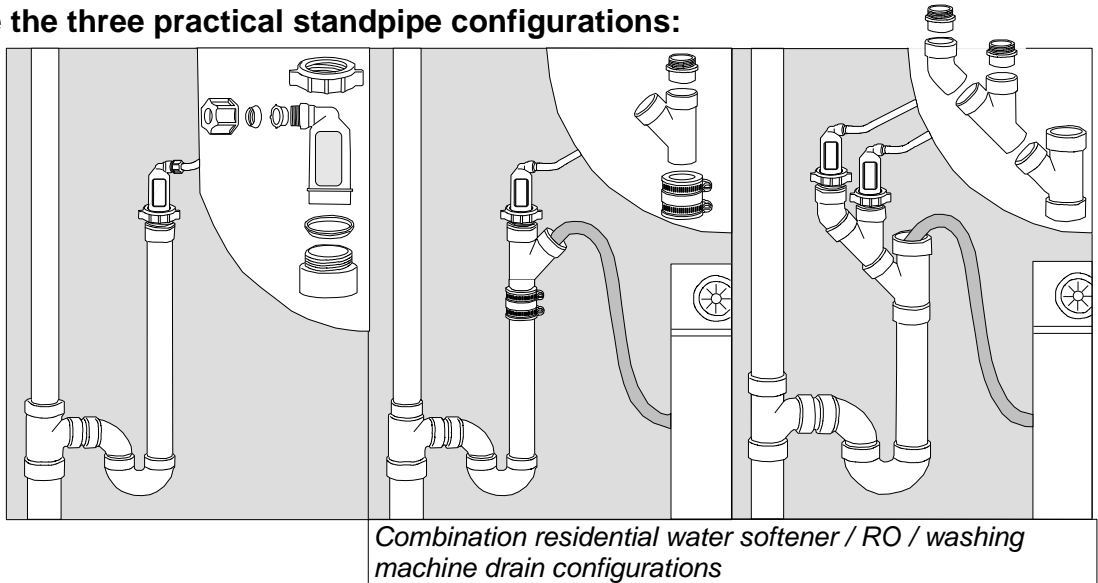
LIST OF PARTS ENCLOSED

1 – Drain Line Adapter Airgap with 5/8" Compression 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 – 5/8" Jaco Compression Nut	

• The ET117-006 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.

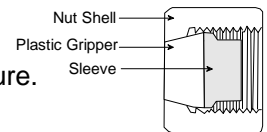
To comply with all plumbing code requirements, the standpipe used with a ET117 Series must be trapped, vented and fabricated from a Schedule-40 Drain Waste and Vent material that has been approved in your area, such as: ABS, PVC, galvanized steel, copper or no-hub cast iron with an inside diameter of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

Below are the three practical standpipe configurations:



5/8" Jaco Compression Nut Installation Instruction:

1. Cut the tubing end squarely and remove the internal and external burrs.
2. Insert the tubing through the back of the nut all the way through the nut assembly to the tube stop in the fitting body.
3. While holding the tubing firmly against the tube stop, hand tighten the nut.
4. Wrench tighten the nut 1 1/2 to 2 additional turns.
5. All nuts must be retightened when the system reaches projected operating temperature.



Compression Nut Assembly

The examples below:

