

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/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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Model: ET117-004 1/2-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

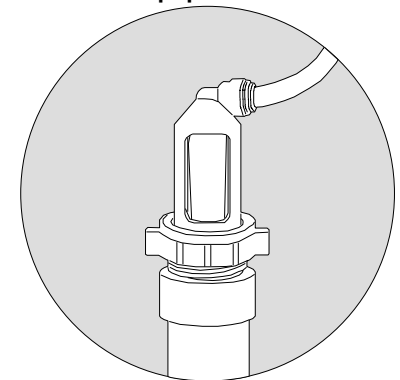
► For Schedule – 40
Standpipe Installation



ASME A112.1.3

Old Part Number:

G-50QCP
DLA-G™










ET117-004

Installation Procedures

For Stand Pipe Applications

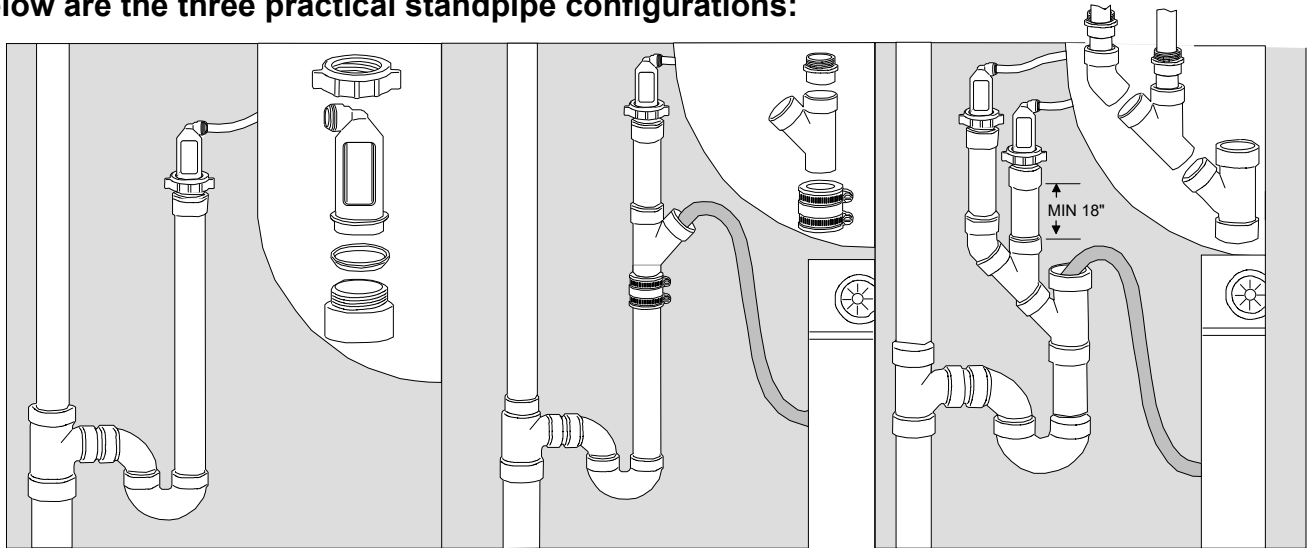
LIST OF PARTS ENCLOSED

- 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 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.

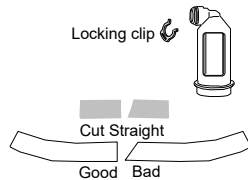
Below are the three practical standpipe configurations:



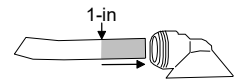
Combination residential water softener / RO / washing machine drain configurations

Tube installation instruction:

Remove locking clip from collet before tube installation
 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.
 Install Locking clip back after tube installation



The examples below:

