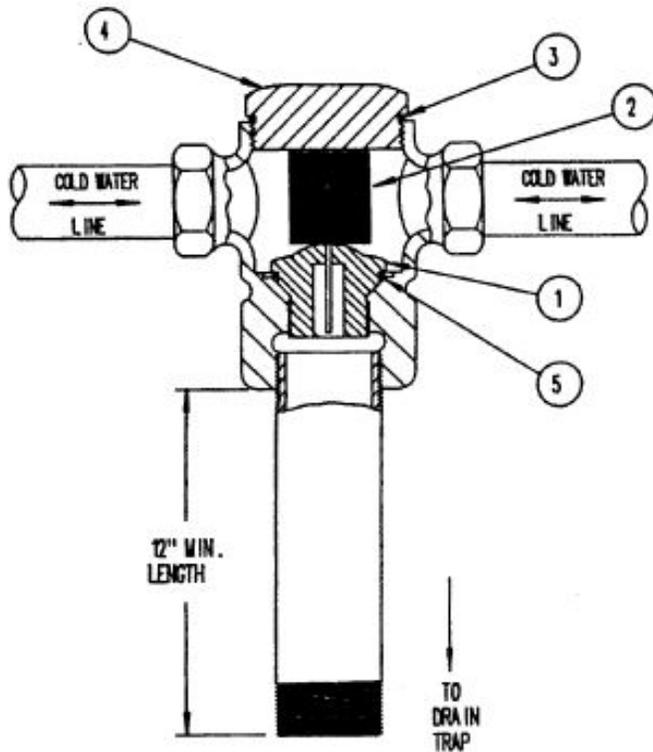


TRAP SEAL PRIMER

Application / Operation / Installation



**IMPORTANT-
READ BEFORE
INSTALLING**

APPLICATION

This valve, when properly installed in a cold-water supply line and connected to a floor drain trap, will insure a constant seal of fresh water in the drain trap.

Frequently, without such a device, this water seal will evaporate from the trap, thus allowing sewer gases and vermin to escape into a home or building from the sewer lines.

OPERATING PRINCIPLE

As water is drawn thru the supply line by an appliance or a water closet the resulting flow activates the valve mechanism which meters water from the supply line into the trap line.

INSTALLATION REQUIREMENTS

1. Lines must be clear of dirt.
2. The Inside diameter of the piping connection to the drain trap should be 1/2" I.P.S. and must be a straight vertical piece at least 1' long. If copper tubing is to be used. For connection to a drain trap, it is required that a straight vertical length at least 1' of 1/2" I.P.S. be installed, between primer and copper tubing. The copper tubing, if used, should never be less than 1/2" I.D.
3. No elbows, tees or reducers are permitted to be screwed into the trap outlet because water will splash thru the vent pots
4. Cap, valve seat and poppet must be removed prior to soldering
5. Valve drain trap must be vertical.

Connect to a horizontal cold-water supply line near the drain trap. Allow sufficient clearance above valve to remove cap.

No other adjustment is required. Check all joints for leaks. When water flows it can be seen at exhaust port through the sanitary side slots. The air gap is a vacuum preventer.