

PFTPR500 PFTP1500 PFTP2500



Trap Primer Valve Installation Instructions

Installation Instructions

A 1-1/8" open end wrench should be used to install the PFTP Series of trap seal primers to the line by using the flats on the top of the trap seal primer. Water lines must be flushed before installing the PFTP Series of trap seal primers. The trap seal primers should be cycled at least six times to ensure optimum performance. Ensure that all flux and other debris is removed. Use only teflon tape around threads. Do not use pipe dope. Do not solder fittings directly onto the inlet or outlet of the primer. Failure to follow these instructions will negatively affect performance of the product. The primers have a unique design which allows the primer to be taken apart and cleaned before re-assembly. Do this in the event of excess water discharge. Do not install the trap seal primers closer than forty feet apart when using the same potable water supply line. The device should be located within 20 feet of the valve or faucet for optimal discharge. Trap seal primers should be mounted one foot above the finished floor for every twenty feet of floor drain trap make-up water line. For easy access to the trap seal primer, install a union connection above it. Install a line shut off valve upstream of the trap seal primer in order to shut off the water supply when performing maintenance on the trap seal primer.

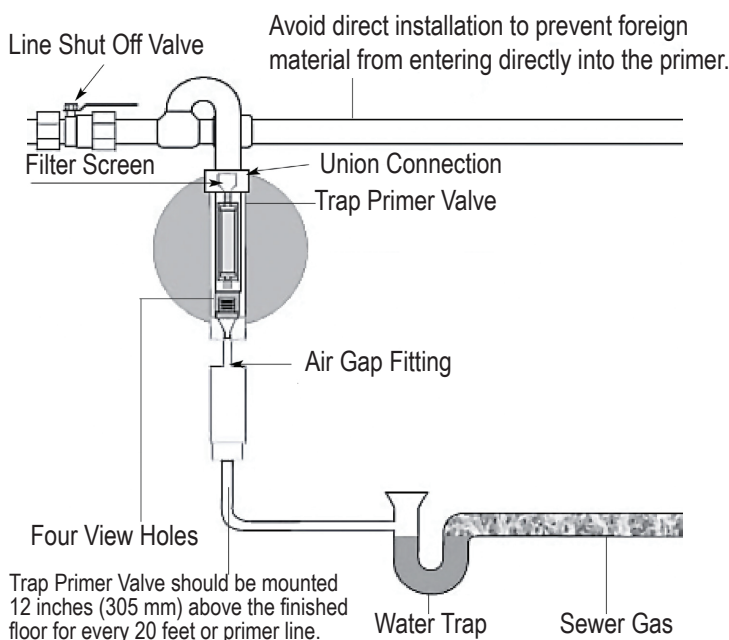


Inspection Instructions

After installing and pre-cycling the trap seal primer a minimum of five (5) times, use any of the four holes to view water discharge from the orifice. A light can be placed opposite the observed view hole to improve clarity in this inspection.

Maintenance Instructions

In order to replace the filter screen, remove the trap seal primer by using an open end wrench on the top set of flats. Grasp the top of the filter screen with fingers, squeeze and remove filter. Insert the new filter screen by squeezing and pushing it firmly down into the top of the trap seal primer. Re-install the trap seal primer using the top set of flats. In regions that experience heavy residual deposits such as calcium in the water supply, the PFTP Series of trap seal primers can be field refurbished by removing the bottom end of the primer and replacing the cartridge.



Warranty and Codes

This PROFLO product carries a 1-year limited warranty.



The wetted surface contacted by consumable water contains less than one quarter of one percent (0.25%) of lead by weight.



CALIFORNIA PROPOSITION 65 WARNING
WARNING: This product can expose you to chemicals including Pb, Formaldehyde, Carbon Black, TNT, Acrylonitrile, Butadiene which are known to the State of California to cause cancer, and birth defects or other reproductive harm. For more information go to [www. P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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Trap Primer Valve Trouble Shooting



What is the line pressure for the installation?

The PFTP Series will work in 20 - 80 psi.

How far away is the trap seal primer from the source of the pressure drop?

Anything farther away than 20 feet is an issue; the farther the primer is away from the source of the pressure drop, the less likely it will sense it and work.

What is the required pressure drop where the primer is located?

The PFTP Series of primers will work with as little as 3 psi in pressure drop. With today's low flow and consumption faucets, there is less pressure drop being created when the faucets and toilets are used. Therefore, it is recommended to install the trap seal primer as close to the low flow fixture as possible.

Water hammer arrestors on the line can also affect pressure drop:

It would be best to get a pressure reading where the trap primer is installed. The PFTP Series needs a fast, sharp pressure drop to activate. The long pipe run to the trap primer and the water hammer arrestor may not be allowing the trap primer to function properly.



Gauge fluctuation:

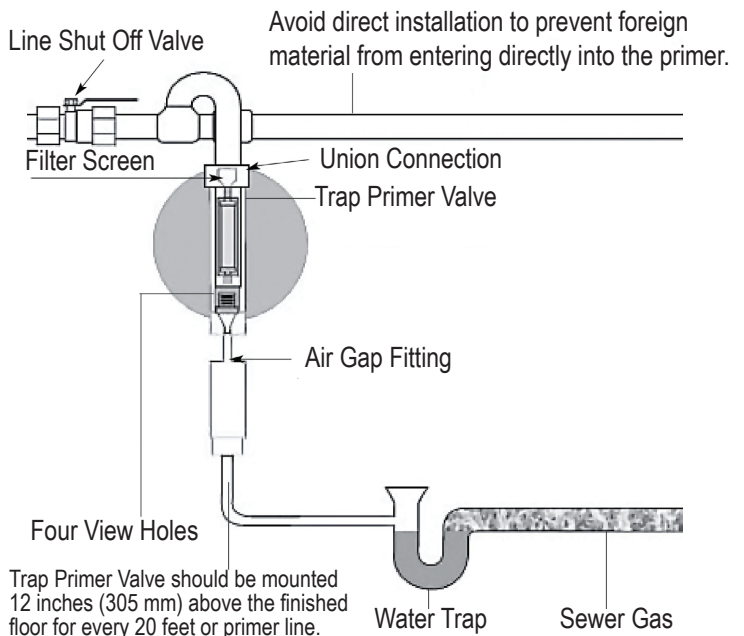
Is it a quick and sharp pressure drop? Or did it gradually drop? The trap primers need a quick pressure drop to activate. A slow gradual pressure drop may not be enough to activate the PFTP trap primer. It is important for proper function that the primer be as close to the pressure drop source as possible. If the trap primer is located close to the pressure drop filled with water, then it is likely the rate of the pressure drop that is causing the issue.

Water Heaters

Do not install the trap seal primer on a water heater due to insufficient pressure drop.

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