

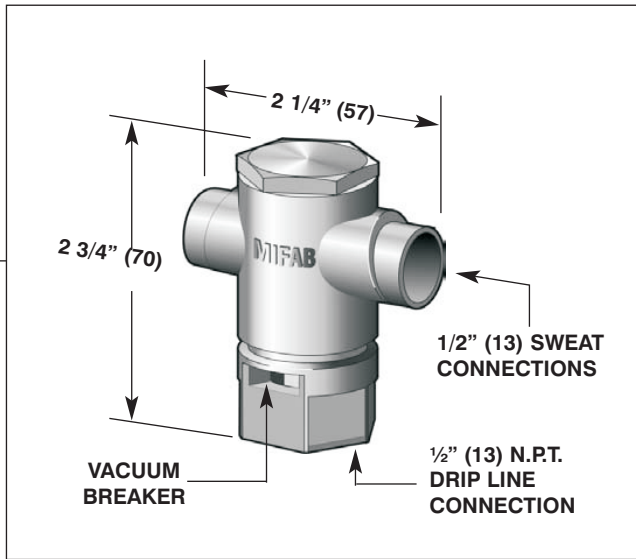
Location: _____



MI-TSP

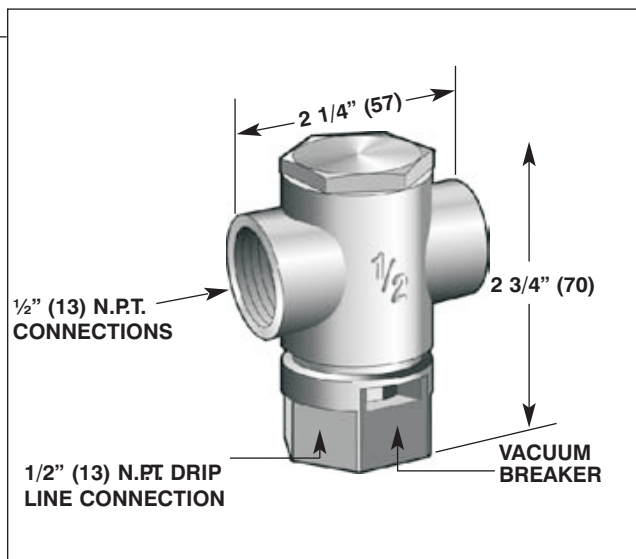
TRAP SEAL PRIMER

MI-TSP-1



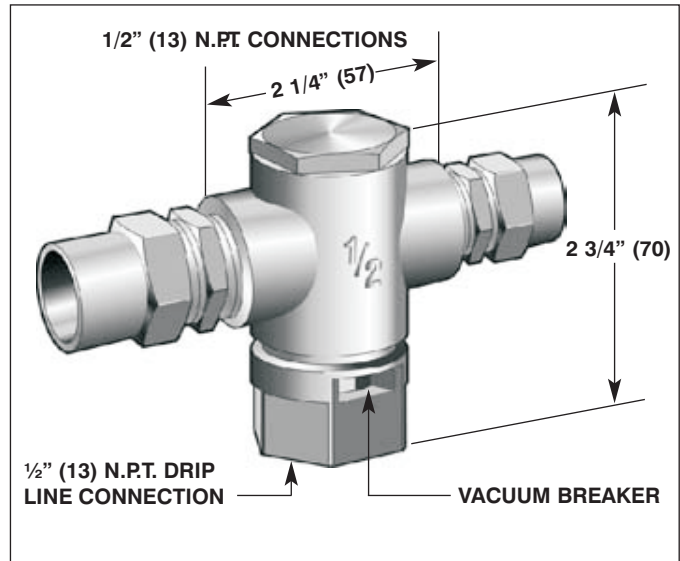
Plumbing and Drainage
Mechanical Section

MI-TSP-2



Specification: MIFAB Series MI-TSP-3 brass trap seal primer with removable poppet, integral vacuum breaker, gasketed access cover, 1/2" (13) N.P.T. inlet and outlet connections, complete with 1/2" (13) sweat connection adapters and 1/2" (13) N.P.T. drip line connection.

MI-TSP-3



Specification: MIFAB Series MI-TSP-3 brass trap seal primer with removable poppet, integral vacuum breaker, gasketed access cover, 1/2" (13) N.P.T. inlet and outlet connections, complete with 1/2" (13) sweat connection adapters and 1/2" (13) N.P.T. drip line connection.

Specification: MIFAB Series MI-TSP-2 brass trap seal primer with removable poppet, integral vacuum breaker, gasketed access cover, 1/2" (13) N.P.T. inlet and outlet connections, and 1/2" (13) N.P.T. drip line connection.

MIFAB's MI-TSP-1, MI-TSP-2 and MI-TSP-3 trap seal primers are listed with I.A.P.M.O. and C.S.A. and are tested and certified to the A.S.S.E. Standard 1018.

Function: Trap seal primers are a necessity in areas where drains are infrequently used. The MIFAB MI-TSP Series of trap seal primers are designed to maintain trap seals. The trap seal primer is installed in the cold water supply line to any fixture in order to provide intermittent water supply to a floor drain trap to maintain the trap seal. The opening of the valve in a horizontal supply line will cause the poppet to rise from its seat and allow a metered amount of water to enter the trap supply line. The closing of the valve will cause the poppet to reseat. Slots on each side of the trap seal primer offer visual inspection of water flow from the trap seal primer to the trap and acts as a vacuum breaker.

Trap seal primers should be installed a minimum of 12" (305) above the grid of a floor drain or flood level rim of equipment served. The operating range for all of MIFAB's MI-TSP series of trap seal primers is 20 to 125 p.s.i.

- SUFFIX OPTIONAL VARIATIONS:**
- CP Polished chrome plated
 - RK Repair kit
 (Rubber poppet and brass seat)



(Dimension) Denotes Millimetres

Job Name _____	Page No: _____
Section No: _____	Contractor _____
Schedule No: _____	Purchase Order No: _____

MIFAB reserves the right to make changes in material and design without formal notice and obligation.

USA: 1-800-465-2736 www.mifab.com CAN: 1-800-387-3880

Location: _____



MIFAB[®]

MI-TSP

TRAP SEAL PRIMER

Trap Seal Primer Troubleshooting

Following are some things to trouble shoot when it comes to our M-500 Series of Trap Seal Primers (M1-500, M2-500, M-500).

1) What is the line pressure for the Installation?

The M-500 Series will work in 35-80psi.

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

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

3) What is the pressure drop where the primer is?

MIFAB's M-500 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.

4) Water hammer arrestors on the line can also affect pressure drop in the line.

It would be best to get a pressure reading where the trap primer is installed. The M-500 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.

5) Look at the 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 M-500. That is why we state that they should be as close to the pressure drop source as possible. The M1-500 has the most buoyant cartridge and should perform the best. If the trap primer looked good and was filled with water then it is the rate of the pressure drop that is causing the issue.

Also refer to the copy in the Trap Seal Primer section in the MPB-2012-USA List Price book.

Job Name _____

Page No: _____

Section No: _____

Contractor _____

Schedule No: _____

Purchase Order No: _____

MIFAB reserves the right to make changes in material and design without formal notice and obligation.

USA: 1-800-465-2736 www.mifab.com CAN: 1-800-387-3880