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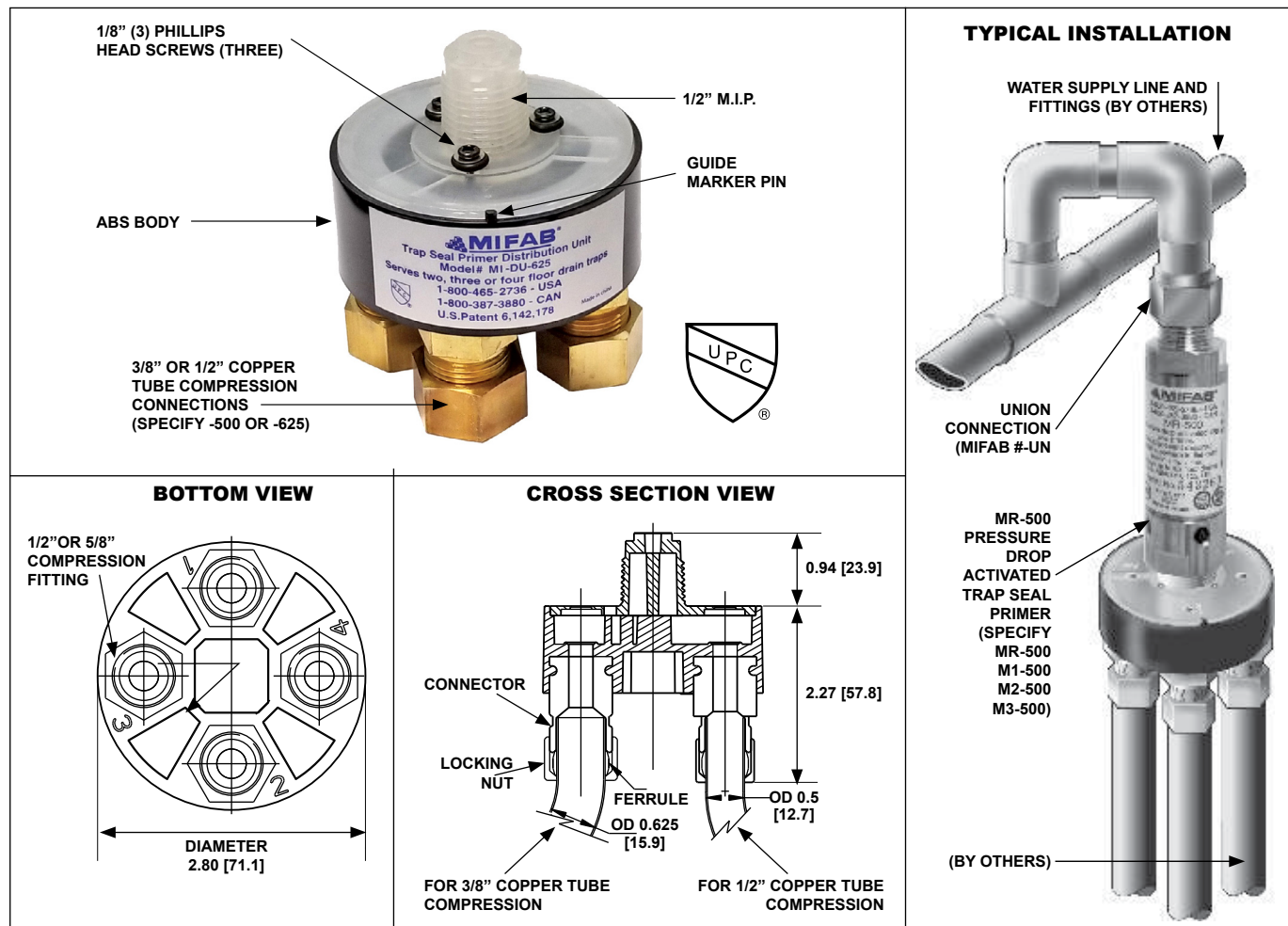


**MI-DU**

## TRAP SEAL PRIMER DISTRIBUTION UNIT

**Specification:** MIFAB® Series MI-DU trap seal primer distribution unit is engineered to receive a metered amount of water from a trap seal primer and distribute the water equally to either two, three or four floor drain traps. Choose from either 3/8" or 1/2" copper tube compression by indicating suffix (-500) or (-625). The lid of the distribution unit has the numbers 2", 3" and 4" marked on it. The body of the distribution unit has a guide marker on the top of the body. The numbers and the guide marker are positioned by removing the three screws in the lid of the unit and rotating the lid to match the appropriate numbers with guide marker to provide priming for the desired number of drains. The underside is marked with numbers 1-4 for ease in determining which ports will receive the water. Do not over torque the three lid screws when securing the lid back to the body. It is not necessary to install MIFAB's distribution perfectly level. The unique design will distribute water uniformly when out of level up to 5°.

**Function:** Used underneath a pressure drop activated trap seal primer to distribute water to either two, three or four floor drain traps. The lid of the distribution unit is marked with the numbers 2, 3, & 4. Remove the three lid securing screws to rotate the lid to match the desired number of drains with the guide marker pin to provide priming only to the required ports. The underside of the MI-DU is marked accordingly with numbers 1-4 to for ease in determining which ports will receive the prime. The four wall internal body design ensures that water is only directed to the selected outlets. Note: The MI-DU is factory preset to deliver priming water to ports 1 and 2. Do not over torque the three lid screws when securing the lid back onto the body. It is not necessary to install MIFAB's distribution unit perfectly level. The unique design will distribute water uniformly when out of level. Use 1/2" hard copper or 1/2" pex with MI-DU-625. Use 3/8" Type K, soft copper with MI-DU-500.



Note: U.S. Patent # 6,283,442, Canadian Patent # 2,287,103, Australia Patent #755777

SUFFIX	OPTIONAL VARIATIONS
-500	3/8" Copper tube compression
-625	1/2" Copper tube compression

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

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**MI-DU**

**TRAP SEAL PRIMER  
DISTRIBUTION UNIT**

## **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 20 - 80 p.s.i.

**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 current MPB List Price book.**

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