



Precision Plumbing Products

"Specify with Confidence - Install with Pride"

SMART-PRIME ELECTRONIC TRAP PRIMER INSTALLATION & MAINTENANCE INSTRUCTIONS

DESCRIPTION:

SMP-500 is a plug-in electronic trap primer (the plug-in connection is only provided with 115V version). The trap primer functions at a pre-selected time delivering potable water across an air gap funnel.

CAUTION:

SMP-500 should not be defined as a pressure feed trap priming system. The trap primer should be mounted 12" above the finished floor measured from the bottom of the air gap fitting with a straight drop before turning with your makeup line to the floor drain. This trap primer is a gravity feed system so the makeup line to the floor drain must have continuous slope.

OPERATION:

When the timer energizes the solenoid valve discharges potable water across the air gap funnel for a set amount of time, and when the timer deactivates the solenoid valve closes. Approximately 2 oz of water at 20 PSIG is discharged in a 24 hour cycle.

WARNING:

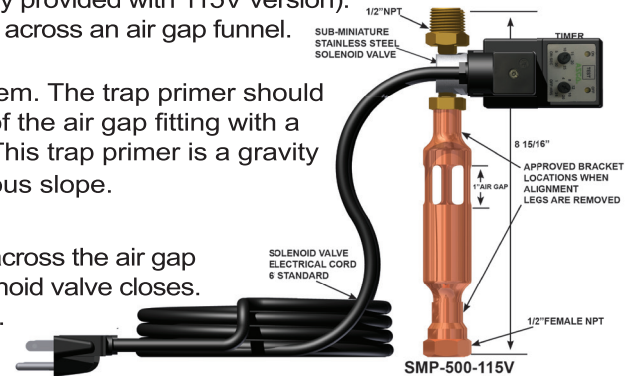
When using electrical appliances basic precautions should always be followed including the following:

- Read all of the instructions before using the appliance.
- Do not use outdoors.
- To disconnect, remove the plug from the outlet, grasp the plug, not the cord and pull. Do not operate the unit with a damaged electrical cord.
- If the primer is damaged please consult factory.

FUNCTIONS:

- On Time: 12 seconds - Off Time: 24 hours factory pre-set.**
- Press test switch to check functionality of unit.**
- Yellow LED's to indicate status of valve.**
- 115V AC/DC 60Hz (Standard).**

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INSTALLATION:

- Trap primer must be a minimum of 12" above the finished floor of drain(s). This valve serves 1-4 floor drains.
- SMP-500 must be installed in an accessible location. Model # D-814PC or SS access door is the ideal size for concealing this valve behind the wall.
- Connect 1/2" NPT connection from the potable water supply using Teflon tape only (Pipe dope will void the warranty).
- Connect primer makeup line to either a single feed or with a DU-U distribution unit to accommodate up to 4 floor drains. Ensure assembly is plumb and square.
- Make absolutely sure your makeup line to the floor drain has continuous slope.

Precision Plumbing Products of Portland, Oregon (USA) warrants our manufactured products to be free from defects and workmanship under normal use and service. The sole and exclusive remedy for our manufactured products that do not conform to this limited and express warranty and our sole obligation under this limited and express warranty is to replace the defective part or product during the three year period after original installation. This warranty excludes any parts or products that are modified or improperly installed or installed where PH levels, chemical conditions or electrolysis prematurely degrade the product. We specifically disclaim any warranties or responsibility for defects due to quality, material, dimensional tolerances or quality control of any fitting or other third party supplied parts or components. **EXCLUSIONS OF ALL OTHER WARRANTIES INCLUDING IMPLIED WARRANTIES:** All other warranties, including the implied warranties of **MERCHANTABILITY** and fitness for a particular purpose, are **EXCLUDED** from this transaction and shall not apply to goods sold by us. The above warranties are in lieu of all other warranties and representations, express or implied, and all other obligations or liabilities on our part. We shall not be liable for consequential damages, loss of profit, interruption of business or any other special, incidental, or punitive damages suffered or sustained by Customer. Any part or products being returned under this warranty must have prior authorization by us. Any part or product received by us without a return of goods authorization will be returned to the shipper. All returned merchandise must be prepaid by shipper. Our personnel, including salespeople, as well as independent distributors and sales agents may have made oral statements about our products. Those statements are not warranties by us and should not be relied on by the buyer/customer/user. If you use this product you are agreeing to this warranty contract between us. This writing constitutes the final expression of the parties and is the complete and exclusive statement of that contract for warranties.

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