



**Precision Plumbing Products**

*"Specify with Confidence - Install with Pride"*

**SMART-PRIME ELECTRONIC TRAP PRIMING MANIFOLD**

www.pppinc.net

**TEMPERATURE PRESSURE:**  
32°F - 125°F, 20 PSI - 150 PSI.

**MODEL NO's:**

**SMP-500-24V (24 Volt)**

*1/2" NPT Male Inlet/1/2" NPT Female Outlet, hard wire connection required.*

**SMP-500-115V (115 Volt)**

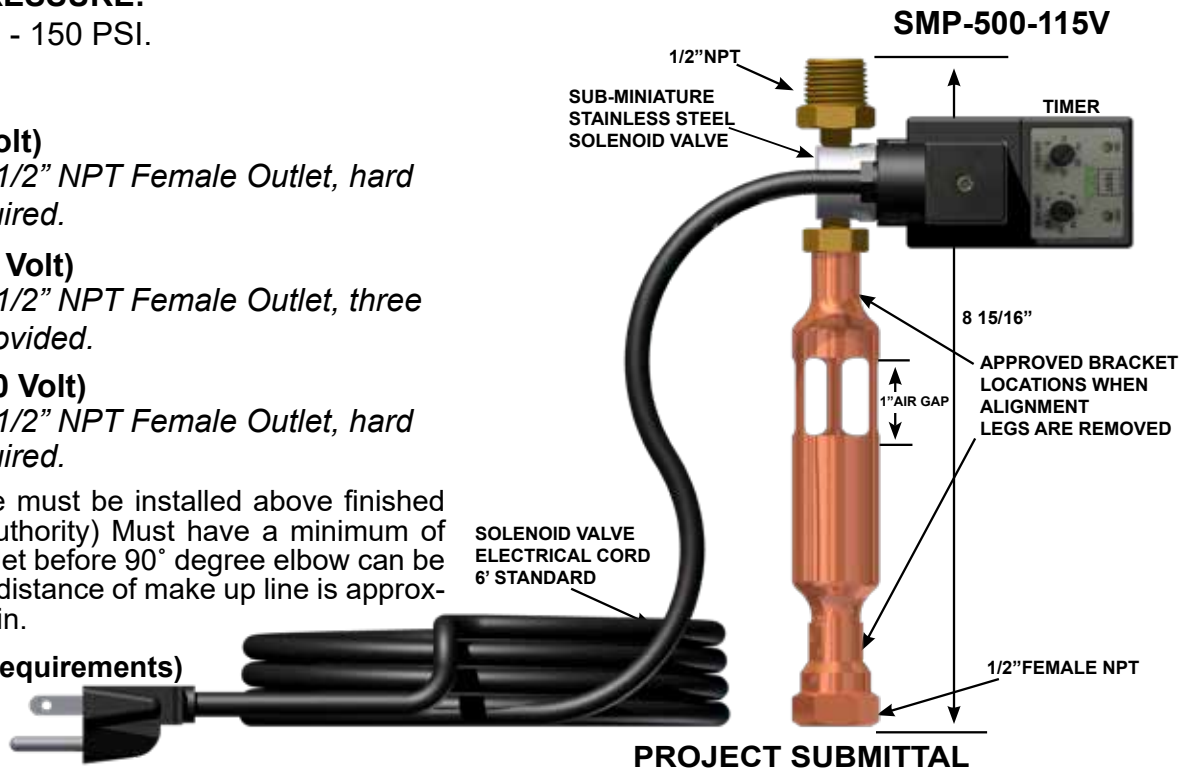
*1/2" NPT Male Inlet/1/2" NPT Female Outlet, three prong connection provided.*

**SMP-500-220V (220 Volt)**

*1/2" NPT Male Inlet/1/2" NPT Female Outlet, hard wire connection required.*

The Trap Primer valve must be installed above finished floor. (Consult local authority) Must have a minimum of 12" from bottom of outlet before 90° degree elbow can be installed. The furthest distance of make up line is approximately 20' to floor drain.

**(Consult local code requirements)**



**PROJECT SUBMITTAL**

The 115V "Smart-Prime" has been designed to be a truly plug and play floor drain trap priming assembly. This electronic priming assembly will deliver 2 ozs. of potable water to four floor drain traps every 24 hours.

Water conservation was a very important aspect in the design of this product.

This priming assembly consists of:

A sub-miniature solenoid valve, an electronic timer, a physical air gap and a 6' electrical cord (three prong plug only provided with SMP-500-115V). By incorporating the Precision Plumbing Distribution Units this assembly is capable of priming up to four floor drain traps.

Distribution Units sold separately.

**WIRING MUST BE DONE IN ACCORDANCE WITH NATIONAL, STATE, AND LOCAL ELECTRICAL CODES**

Project: \_\_\_\_\_

Contractor: \_\_\_\_\_

Engineer: \_\_\_\_\_

Date Submitted: \_\_\_\_\_

Prepared By: \_\_\_\_\_

**NOTE: For 220V and 24V options, the power supply cord will require a hard wire installation as it will not have an outlet connection.**

ASSEMBLED IN ACCORDANCE WITH ANSI/ASME A112.1.2 AIR GAP IN PLUMBING SYSTEMS STANDARD



**JL Industries, inc.**

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