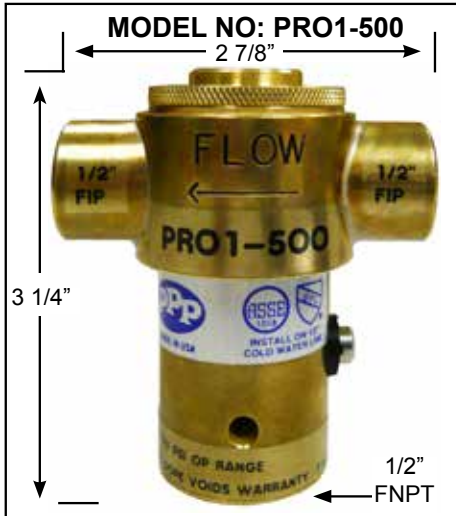




**Precision Plumbing Products**  
*"Specify with Confidence - Install with Pride"*

**LEAD FREE**

**PRIME-PRO™  
 INSTALLATION/SUBMITTAL**



**INSTALLATION INSTRUCTIONS PRO1-500 FLOOR DRAIN TRAP PRIMER**

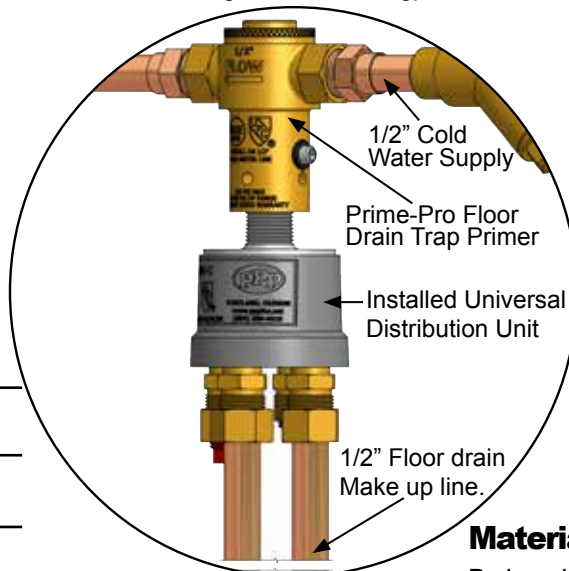
- 1) Flush supply line prior to installation.
- 2) Use ribbon pipe seal tape - ONLY. Install valve plumb, observing the flow direction marked on the valve. **Do not over tighten.**
- 3) The valve is recommended to be installed a minimum of 12" (305mm) above the finished floor, before a 90° elbow can be installed.
- 4) Do not install the valve where line pressures exceed 80 PSIG. This valve should never be installed on a hot water line. Install on a cold fresh water line **ONLY**.
- 5) Effective operating range 20 to 80 PSIG (138 to 552kpa).
- 6) Failure to follow these instructions will make the product warranty null and void.
- 7) The valve must not be installed on a bypass.
- 8) Manufacturer recommends that the make-up water line to the P-trap must have a continuous slope. (Consult local code requirements.)
- 9) Furthest recommended distance of makeup line is 20' of horizontal line to the floor drain.
- 10) Minimum .5 gpm flow rate required.

Meets requirements of AB 1953.

FLOOR DRAIN TRAP PRIMER DIST. CHART		
# of Drains	Supply Tube	Dist. Units
1	N/A	N/A
2	N/A	DU-4/DU-U
3	N/A	DU-4/DU-U
4	N/A	DU-4/DU-U
Max. Water delivery based upon pressure drop and fixture unit activity on the system.		
Primer Model: CPO-500 DUAL FLOW		

**Prime-Pro™ Discharge Info:**

Minimum discharge rate when flow is activated for 5 seconds at 20 PSI is 0.845 oz.  
 Minimum discharge rate when flow is activated for 5 seconds at 80 PSI is 1.65 oz.  
 Minimum in-line flow through the valve is .5gpm. Maximum 7 gpm.



**Materials of Construction:**

Body and Cap: C68020 lead-free Brass  
 Check Valve: Neoperl  
 O-Rings: Nitrile  
 Screen: Stainless Steel

**PROJECT SUBMITTAL**

Project: \_\_\_\_\_  
 Contractor: \_\_\_\_\_  
 Engineer: \_\_\_\_\_  
 Date Submitted: \_\_\_\_\_  
 Prepared By: \_\_\_\_\_

US PATENT # 8,671,970  
 CANADIAN PATENT # 2 762 879



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