

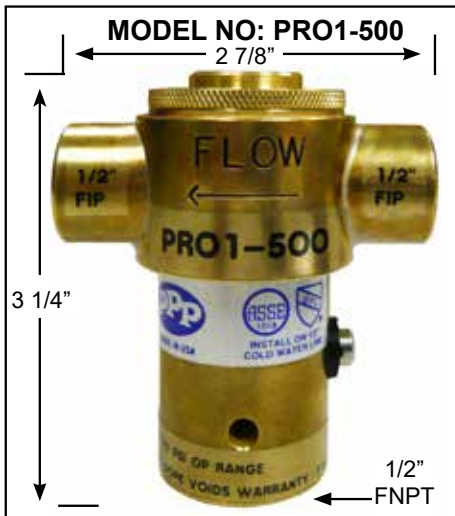


Precision Plumbing Products

"Specify with Confidence - Install with Pride"

LEAD FREE

PRIME-PRO™ INSTALLATION/SUBMITTAL



AB1953 Compliant.

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

PROJECT SUBMITTAL

Project: _____

Contractor: _____

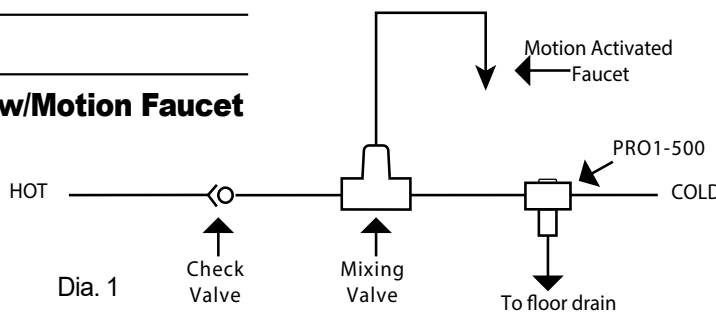
Engineer: _____

Date Submitted: _____

Prepared By: _____

Installation diagram w/Motion Faucet

When using the PRO1-500 with a motion activated faucet, a check valve from the hot water source to the mixing valve is recommended. See diagram 1.



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 .25 gpm flow rate required.
- 11) Although this valve has been factory set, circumstances may dictate the need for further adjustment in the field.

A: To adjust: Using 3/16" hex key, turn adjusting screw clockwise until steady flow is produced.

B: Continue turning screw slowly clockwise until flow just stops.

C: Cycle fixture at least five times to ensure proper discharge activity.

Prime-Pro™ Discharge Info:

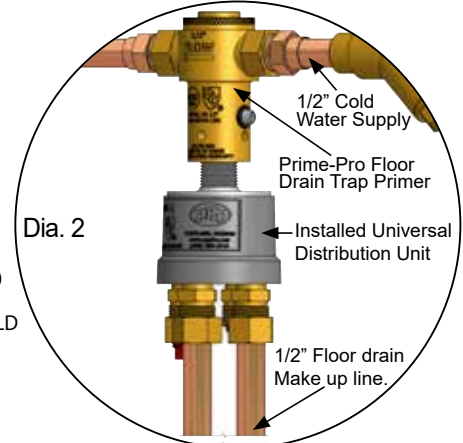
Minimum discharge rate when flow is activated for 5 seconds at 20 PSI is 0.845 oz.

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 .25 gpm. Maximum 7 gpm.

Materials of Construction:

Body: C68020 lead-free brass
Cap: C69300 lead-free ECO brass
Check Valve: Neoperl
Check Valve Adapter: Grey PVC
O-Rings: Nitrile
Screen: Stainless Steel



LEAD FREE
NSF/ANSI - 372 - 2024

US PATENT NO. 8,671,970
CAN PATENT NO. 2,762,879



Precision Plumbing Products

802 SE 199th Avenue
Portland, Oregon 97233
T (503) 256-4010
F (503) 253-8165
www.pppinc.net

