



WATER HAMMER ARRESTORS

Water Hammer Arrestor For Laundry Equipment



SPECIFICATIONS

CONSTRUCTION: Barrel-Type "K" copper
Piston-Brass
Cap-Brass
Adapter-Brass

SEAL RINGS: "O" Rings Parco spec.
EP-5778-80

SEAL LUBRICATION: Dow-Corning
Silicone #111

SOLDER JOINTS: 95-5 Lead free

ADAPTOR: SILBRAZED JOINT

P.P.P., Inc. Patent 1/2" adaptor
U.S. Patent No. 3,633,627

3/4" Female hose coupling

3/4" Male hose fitting

Dimensions: 1-1/8" (width), 6-1/4" (height)

System-Rated Specifications & Installations



DIMENSIONAL AND AIR-LOADING DATA

A O.A.L.	B N.P.T.	AIR Preload PSI	Part Number
5"	1/2"	60	SC-500
6"	3/4"	60	SC-750
6-3/4"	1"	60	SC-1000
8-3/8"	1-1/4"	60	SC-1250
10-1/4"	1-1/2"	60	SC-1500
10 7/8"	2"	60	SC-2000
12"	2-1/2"	40	SC-2500
13"	3"	40	SC-3000
16"	4"	40	SC-4000

ANSI/ASME 1998
A.S.S.E. Standard 1010-96

INSTALLATION: May be installed in new or existing plumbing systems with a standard pipe tee.

MAINTENANCE: Maintenance free—the piston is the only moving part.

TEST PRESSURE: Tested in excess of 500 P.S.I.

TEMPERATURE RANGE: -40°F TO +212°F (-54°C TO +100°C)

CONSTRUCTION: Barrel-fabricated of type "K" hard drawn copper.

CAP: Standard wrought copper fittings, attached to barrel with 95-5 solder.

PISTON AND THREADED ADAPTER: Machined of free turning brass.

SEALS: "O" rings, PARCO Spec. EP-5778-80

SEAL LUBRICANT: Dow-Corning Silicone Compound #111, FF and DA listed for use in potable water systems.

NICKEL PLATED: For Sea Water application.

OPERATING PRESSURE: Designed to operate on all domestic and commercial line pressures. Normal operating pressure 35 to 250 P.S.I.G. Spike pressure 1,500 P.S.I.G.

Companion Flange Hammer Arrestors SIZED IN ACCORDANCE WITH SERVICE PIPE DIMENSION

Finished to your specifications When ordering, the expected mean spike pressure must be specified as well as the chemical make-up of the fluid in the system and the maximum temperature.

Part Number	QUOTATIONS MADE UPON REQUEST	
	# Of Bolts & Bolt Openings	Description
SILVER LINE		
FLG-3000	8 X 3/4"	3" FLG X 3 1/2" BORE
FLG-4000	8 X 3/4"	4" FLG X 5" BORE
FLG-6000	12 X 3/4"	6" FLG X 8" BORE
FLG-8000	12 X 3/4"	8" FLG X 10" BORE
BRONZE PIPE FLANGE CONFORMS TO ANSI/ASME DIMENSIONS 300 CLASSIFICATION NICKEL PLATED AVAILABLE.		
BLUE LINE		
SCS-3000FLG	4 X 3/4"	3" FLG X 3" BORE
SCS-4000FLG	4 X 3/4"	4" FLG X 4" BORE
SCS-5000FLG	8 X 7/8"	5" FLG X 5" BORE
SCS-6000FLG	8 X 7/8"	6" FLG X 6" BORE
SCS-8000FLG	8 X 7/8"	8" FLG X 8" BORE
BRONZE PIPE FLANGE CONFORMS TO ANSI/ASME DIMENSIONS 150 CLASSIFICATION NICKEL PLATED AVAILABLE		
304 STAINLESS STEEL		
SS-3000304FLG	8 X 3/4"	3" FLG X 3" BORE
SS-4000304FLG	8 X 3/4"	4" FLG X 4" BORE
SS-5000304FLG	8 X 3/4"	5" FLG X 5" BORE
SS-6000304FLG	12 X 3/4"	6" FLG X 6" BORE
SS-8000304FLG	12 X 3/4"	6" FLG X 8" BORE
STAINLESS STEEL 304 FLANGE CONFORMS TO ANSI/ASME 300 CLASSIFICATION		



PPP SIZING AND SELECTION TABLE

PPP Size	Fixture Units	Cross Ref. PDI
1/2"	1-11	A
3/4"	12-32	B
1"	33-60	C
1-1/4"	61-113	D
1-1/2"	114-154	E
2"	155-330	F

Mini-Angle Stop Arrestor

STOP
WATER
HAMMER

CHROME
PLATED



PPP Inc. ARRESTORS

C.P.V.C. Fluid Hammer Arrestors

C.P.V.C. HAMMER ARRESTORS
(pigmented)

Applications include: acids, petroleum products, corrosive fluids, distilled and triple distilled waters, or where high temperature fluids (not to exceed 210° F) may be present.

Manufacturer's specifications: All sizes manufactured from Schedule 80 material. Pigmented C.P.V.C. conforms to ASTM Standard 1784 for materials and F-441 for pipe. C.P.V.C. (Hi-Temp) = Type IV Grade 1 = 4120 = Cell classification 23447-B. Normal operating pressure 35 to 100 P.S.I.G. Spike pressure to 250 P.S.I.G.



Prime-Time Electronic Trap Priming Manifold



“...Automatically maintains a constant water seal in floor drain traps.”

Features:

- Atmospheric vacuum breaker
- Pre-set 24 hour clock
- Manual override switch
- 120v solenoid valve
- 120v 3/wire connection
- 3/4" FNPT connection
- Calibrated manifold for equal water distribution
- 5/8" & 1/2" outlet compression fittings



FLUSH MOUNT CABINET

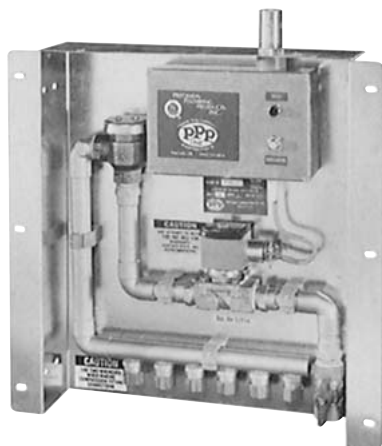


PATENT NO. 5,253,670

PT-4
4 OPENING MANIFOLD

—THRU—

PT-30
30 OPENING MANIFOLD



Trap Primer Distribution Units



FLOOR DRAIN TRAP PRIMER DISTRIBUTION CHART

Max. Water Delivery	Primer Model	No. of Drains	Supply Tube	Distribution Units
Water delivery based upon pressure drop.	PR-500 Prime-Rite	1	N/A	N/A
		2	N/A	DU-2
		3	N/A	DU-3
		4	N/A	DU-4

NOTE: Air gap supply (AG-500) optional.

SPECIFICATIONS: Distribution Units DU-2, 3, 4.

The priming valve must have a minimum elevation of 12" inches (305mm) above the finished floor.





PRIMER VALVES

**“Oregon #1”
 Trap Primer Valve**

Automatically maintains a constant water seal in floor drain traps



The PPP TRAP PRIMER VALVE is listed by:
 International Association of Plumbing & Mechanical Officials:
 Chicago Testing Laboratory
 Los Angeles Testing Laboratory
 Oregon State Plumbing Code Mechanical Engineers in major cities throughout the United States.



This primer **requires no adjustment** but must be installed on a cold fresh water line of 1-1/2" (38mm) diameter or less. The primer valve is automatically activated when it senses a pressure drop of 5 to 10 psig (35 to 70 Kpa). The valve's operating range is 30 to 75 psig (245 to 525 Kpa).

- **BEST FOR USE WITH LOW FLOW FIXTURES, WHEN POTENTIAL PRESSURE DROP IS REDUCED.**
- **AUTOMATICALLY ADJUSTS TO LINE PRESSURE WITH PROPER DELIVERY AMOUNT**
- **ONE MODEL-FOR 1 UP TO 8 DRAIN TRAPS**

Prime-Rite Trap Primer Valve

“... Automatically maintains a constant water seal in from 1 to 4 floor drain traps.”

Just the facts:

This innovative trap priming system automatically primes up to four floor drain traps using our patented water distribution system. The PRIME-RITE requires no adjustment but must be installed on a cold water line of 1-1/2" (38mm) diameter or less. The priming valve is automatically activated when it senses a pressure drop of 5 to 10 psig (35 to 70 kpa). The valve's operating range is 35 to 75 psig (245 to 525 kpa).

NO Adjustment Required

PART NUMBER: PR-500/PR-500AUS

PRIME-RITE TRAP PRIMING VALVE SPECIFICATIONS

PPP Model #PR-5000 is machined from CDA 360 corrosion resistant brass.

PPP Model #PR-500AUS is machined from DZR corrosion resistant brass.

PPP Model #PR-500AUS approved to Australian Standards Lic. #IP92

This priming valve contains: No springs, diaphragms, or plastic parts.