



Precision Plumbing Products

"Specify with Confidence - Install with Pride"

LEAD FREE

SYSTEM RATED PLUS WATER HAMMER ARRESTORS

PPP WATER HAMMER ARRESTORS ARE SPECIFIED FOR MANY INSTALLATIONS!

ONLY ONE MOVING PART!

SIZED IN ACCORDANCE WITH SERVICE PIPE DIMENSION

SYSTEM-RATED PLUS Water Hammer Arrestors are specified for commercial, industrial and residential uses.

A maintenance-free installation is assured when using this type of arrestor...the only moving part is the free-moving piston furnished with "O"ring seals which have been tested for reliability in excess of normal operating ranges.

FLUID HAMMER IN FLUID TRANSMISSION LINES - a definition:

Fluid Hammer is a series of hydraulic shock waves generated within the confines of a piping system due to the sudden stopping of fluid flow. This condition is caused by fast closing of positive valves incorporated within the system. The effect of fluid hammer is damaging if allowed to exist for any length of time and will result in broken pipes and damage to other components in the system.



U.S. Patent No. 3,633,627

40 Years of outstanding performance



## SPECIFICATIONS & INSTALLATIONS

### INSTALLATION:

May be installed in new or existing plumbing systems with a standard pipe tee. No access panel required (Consult Local Code).

**MAINTENANCE:** Maintenance free – the piston is the only moving part.

**TEMPERATURE RANGE:** -40°F to + 212°F (-4.4°C to + 100°C)

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

**Cap:** Machined of free turning brass, attached to barrel with 95-5 solder.

**Threaded Adapter:** Machined of C 96300 Low Lead Brass.

**Piston:** Made of Composite Material

**Seals:** "O"rings: EPDM.

**Seal Lubricant:** Dow-Corning Silicone Compound #111, FDA listed for use in potable water systems.

**Nickel Plated:** For Salt Water Application.

**OPERATING PRESSURE:** Designed to operate on all domestic and commercial systems. Normal operating pressure 0 to 80 PSIG, Max spike Pressure 400 PSIG. For higher system pressures consult factory.

### SIZING INFORMATION

For equipment and fixtures not listed below, size in accordance with load values (WSFU) assigned the same. Extract from: PDI WH201-06

FIXTURE	TYPE OF SUPPLY CONTROL	WEIGHT IN FIXTURE UNITS			
		Public		Private	
		C.W.	H.W.	C.W.	H.W.
Water Closet	Flush Valve	8	-	5	-
Water Closet	Flush Tank	5	-	2.5	-
Pedestal Urinal	Flush Valve	4	-	-	-
Stall or Wall Urinal	Flush Valve	4	-	-	-
Stall or Wall Urinal	Flush Tank	2	-	-	-
Lavatory	Faucet	1 1/2	1 1/2	1	1
Bathtub	Faucet	2	3	1 1/2	1 1/2
Shower Head	Mixing Valve	2	3	1	2
Bathroom Group	Flush Valve Closet	-	-	8	3
Bathroom Group	Flush Tank Closet	-	-	6	3
Separate Shower	Mixing Valve	-	-	1	2
Service Sink	Faucet	3	3	-	-
Laundry Tubs (1-3)	Faucet	-	-	3	3
Comb. Fixture	Faucet	-	-	3	3

### PDI SIZING AND SELECTION TABLE

PIPE SIZE	FIXTURE UNITS	CROSS REF. PDI
1/2"	1-11	A
3/4"	12-32	B
1"	33-60	C

Extract from: PDI WH201-06

### PROJECT SUBMITTAL

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

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

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

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

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



### DIMENSIONAL AND AIR LOADING DATA

A OAL	B NPT	NITROGEN PRELOAD PSI	PART NUMBER
5"	1/2" brass	60	SC-500
6"	3/4" brass	60	SC-750
6 3/4"	1" brass	60	SC-1000

**NO ACCESS PANEL REQUIRED  
(CONSULT LOCAL CODE)**

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