



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

LEAD FREE

STAINLESS STEEL THREADED BELLOWS ARRESTORS

www.pppinc.net

ONLY ONE MOVING PART!

WATER HAMMER ARRESTORS ARE SPECIFIED FOR COMMERCIAL, INDUSTRIAL AND RESIDENTIAL USES.

- Corrosion Resistant Stainless Steel Body
- Pressurized Bellows Type with Stainless Steel Compression Chamber
- Pressure Safety Tested To 950 PSIG



SBHA-500A - SBHA-2000F

A maintenance-free installation is assured when using this type of arrestor...the only moving part is the pressurized bellows compression chamber.

PPP WATER HAMMER ARRESTORS SPECIFIED FOR MANY INSTALLATIONS!

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

Over 40 Years of outstanding performance



Complies with Low Lead Law

SPECIFICATIONS & INSTALLATIONS

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

MAINTENANCE: Maintenance free – the bellows is the only moving part.

TEMPERATURE RANGE: -100°F to 300°F (-73°C to + 149°C)

CONSTRUCTION: 304 Stainless Steel

BELLOWS: 304 Stainless steel

OPERATING PRESSURE: Designed to operate on all domestic and commercial systems. Normal operating pressure 0 to 200 PSIG. Max spike pressure 400 PSIG. Safety tested to 950 PSIG

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 | - | - | - |
| 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 |
| 1 1/4" | 61-113 | D |
| 1 1/2" | 114-154 | E |
| 2" | 155-330 | F |

Extract from: PDI WH201

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

PROJECT SUBMITTAL

Project: _____

Contractor: _____

Engineer: _____

Date Submitted: _____

Prepared By: _____

DIMENSIONAL AND AIR LOADING DATA

| PART NUMBER | A O.A.L. | B N.P.T. |
|-------------|----------|----------|
| SBHA-500A | 3 1/4" | 3/4" |
| SBHA-750B | 4 1/16" | 1" |
| SBHA-1000C | 4 3/8" | 1" |
| SBHA-1250D | 5 1/4" | 1" |
| SBHA-1500E | 7" | 1" |
| SBHA-2000F | 7" | 1" |



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