

Water Hammer Arrestors

DESCRIPTION

The Cash Acme Water Hammer Arrestors are engineered devices that provide a maintenance-free continuous protection system against detrimental destructive forces generated by the immediate cessation of water flowing in the water distribution system.

Cash Acme Water Hammer Arrestors provide a permanently sealed cushion of gas isolated from the waterway providing continuous protection and prolonging the service life of valves, piping, fittings, trim equipment, appliances, appurtenances, and other devices which are part of the distribution system.

The Cash Acme Water Hammer Arrestors include a separate compressible gas chamber to absorb and dissipate the energy to a safe level.

FEATURES AND BENEFITS

One moving part in the product:

Maintenance-Free.

Designed for vertical and horizontal installation:

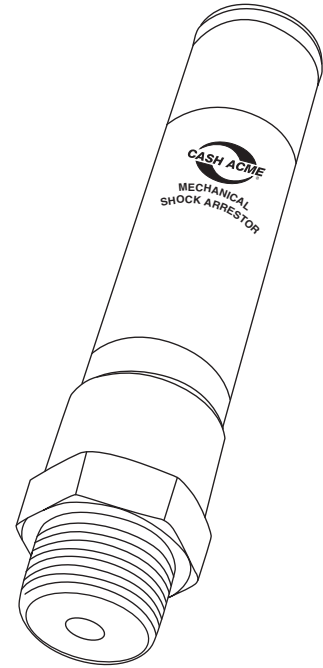
Flexible installation options in new or existing plumbing systems.

Robust, low complexity construction:

Superior reliability and increased service life of other devices in distribution system.

Suitable for all potable water applications:

Designed to operate in domestic and commercial water distribution systems. (Available with NPT Thread, Sweat or Hose Connection.)



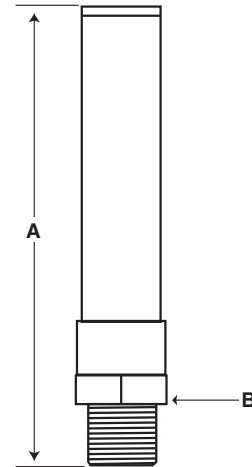
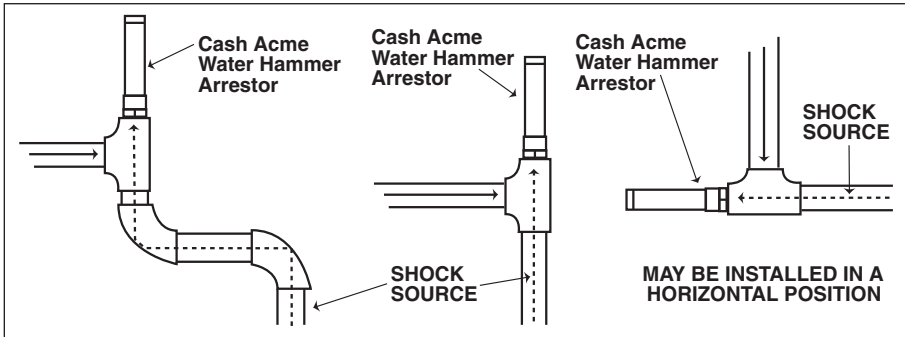
SPECIFICATION

A Water Hammer Arrestor shall be installed into the internal cross sectional area of piping so that there is an unobstructed shock path to the arrestor. The arrestor should be set as near to the source of the water shock as possible. One arrestor shall be placed on the hot water line as well as the cold water line. The arrestor may be installed horizontally or vertically. The arrestor shall be called a **Cash Acme Water Hammer Arrestor**.

Water Hammer Arrestors

TYPICAL INSTALLATION

The **Cash Acme Water Hammer Arrestor** reduces fluid hammer caused by the sudden halt of water flowing in the water distribution system.



Water Hammer Arrestor Dimensions

Model	A (in.)	B (in.)
CC-500	5	1/2 NPT
CWA-500	7	1/2 CTS
CC-750	6	3/4 NPT
CWA-750	9-1/4	3/4 CTS
CC-1000	6-3/4	1 NPT
CWA-1000	9	1 CTS
CC-1250	8-3/8	1-1/4 NPT
CWA-1250	8-3/8	1-1/4 CTS
CC-1500	10-1/4	1-1/2 NPT
CWA-1500	10-1/4	1-1/2 CTS
CC-2000	10-7/8	2 NPT
CWA-2000	10-7/8	2 CTS

CTS - copper tubing size

SPECIFICATION DATA

Performance:

Outlet temperature range -40°F (-4.4°C) to 212°F (+100°C)

Operating pressure:

for models CC & CWA 0-200 psig

Spike pressure 400 psig

for models CM 35-125 psig

Spike pressure 250 psig

Materials:

Barrel Type "K" hard drawn copper

Piston Brass

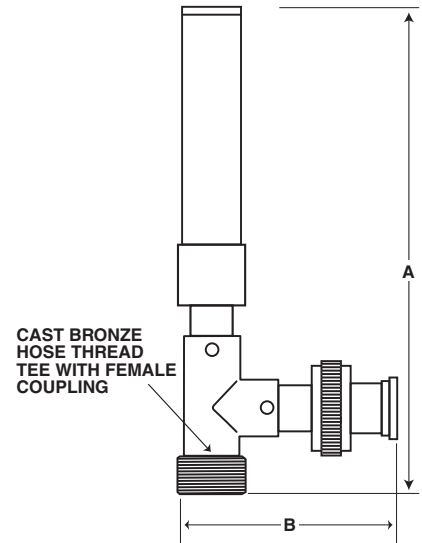
Threaded Adapter Brass

O-rings EPDM

Cash Acme Size	Fixture Units
1/2"	1-11
3/4"	12-32
1"	33-60
1-1/4"	61-113
1-1/2"	114-154
2"	155-330

CERTIFICATIONS

The **Cash Acme Water Hammer Arrestor** is design certified to **ASSE 1010 Product Standard** and is listed by **ASSE**.



Laundry Mini Dimensions

Model	A (in.)	B (in.)
CM-500	6-1/4	1/2 CTS
CM-500SWA	7	1/2 NPT
CM-500TH	4-7/8	3

CTS - copper tubing size