



# Water Hammer Arrestors

## What is Water Hammer?

Water hammer is defined as a pressure surge or wave caused when a fluid in motion is forced to stop or change directions suddenly, due to a shock.

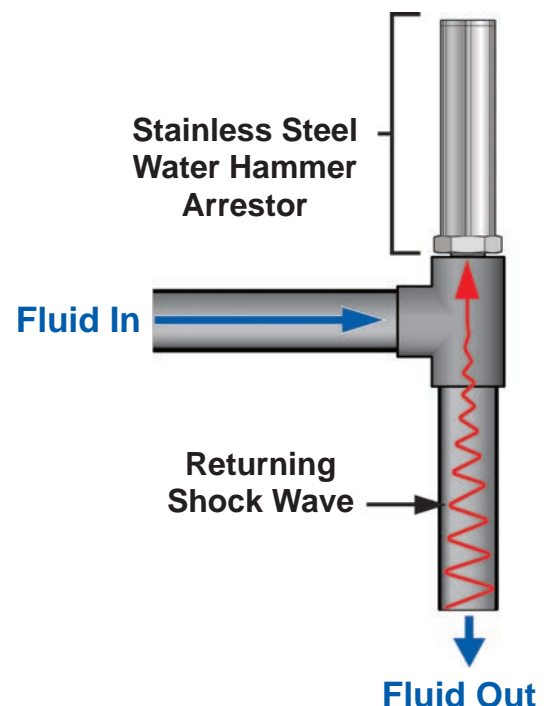
## What could be the shock source?

A shock source may be a:

- Solenoid Valve
- Quarter Turn Valve
- Trigger Gun

## What is a Water Hammer Arrestor?

A Water Hammer Arrestor is a gas filled cylinder with a movable diaphragm or piston that adjusts to absorb the shock.



### Dilution Solutions Water Hammer Arrestors feature:

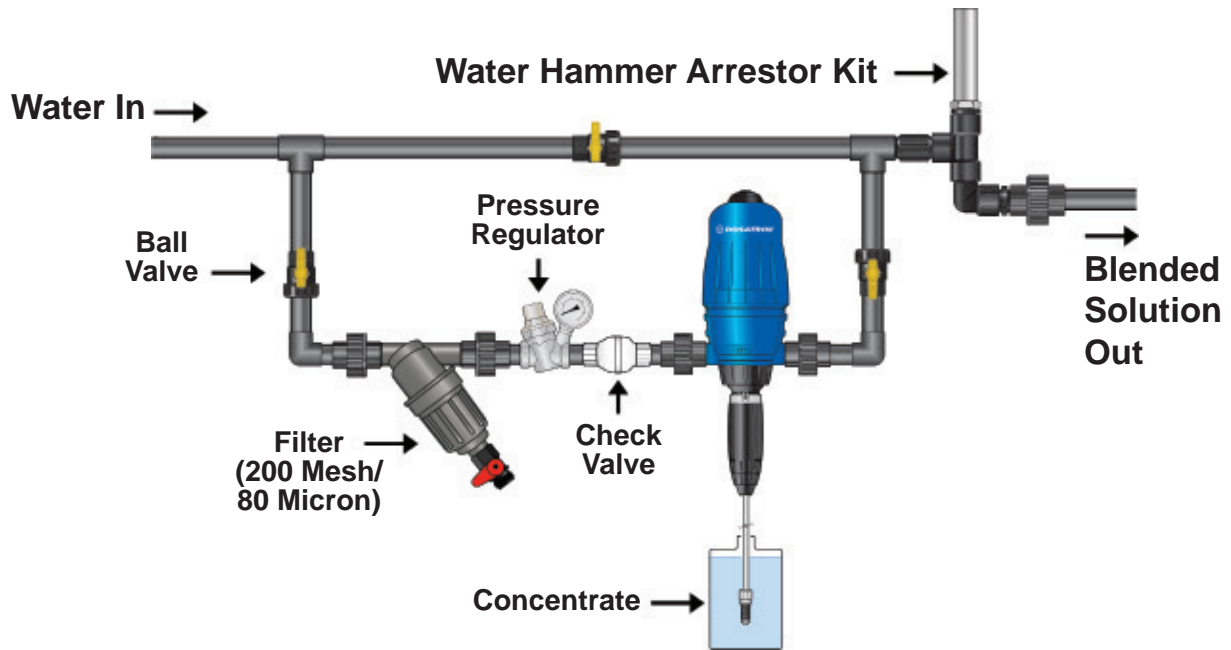
- Stainless steel adaptor, cap, piston, and barrel
- High pressure EPDM o-rings
- Threaded arrestor
- Nitrogen preload: 60 psi

## Where Should the Water Hammer Arrestor be Installed?

**It should always be installed so the shock dead-ends into the arrestor.**

Arrestors should always be placed as near to the **source of shock** as possible. The image on the back page illustrates the proper positioning for the arrestor, where the shock would be absorbed with 100% effectiveness.

## Proper Installation of Water Hammer Arrestor



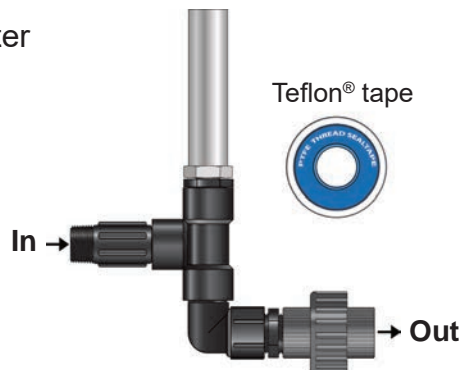
### Installation Instructions for Water Hammer Arrestor

1. Flush line prior to installation
2. Only use Teflon® tape to seal pipe threads
3. To tighten, place wrench on hex only
4. For best results, match arrestor kit to pipe size at point of installation
5. Either a vertical or horizontal installation is acceptable
6. Verify MFG recommended pressure rating
7. Failure to follow these instructions will void product warranty

### For easy installation, use the Water Hammer Arrestor Kits

Dilution Solutions Water Hammer Arrestor Kits include:

- Stainless steel water hammer arrestor
- Nipple
- Tee
- Elbow
- Close nipple
- Union
- Teflon® tape roll



Pipe	Kit Part #
3/4"	WHA34-SS-KIT
1"	WHA100-SS-KIT
1 1/2"	WHA150-SS-KIT
2"	WHA200-SS-KIT



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