

Fig.GWH-01 Series



Main Function

A sudden stoppage of water (a non-compressible liquid) flowing at a given pressure and velocity will cause a surge or spike of pressure, which is called water hammer. These shocks of high speed water flowing caused by fast closing are annoying and damaging the pipeline systems.

When a water hammer happens, the flow wave will source back to find a point for relief. Our GWH-01 water hammer arrester, with a permanent pre-charged and well-sealed air inside, can perfectly absorb the shock, and avoid leaking of air in lifetime.

Features

1. Factory air-charged and permanent sealed
2. Maintenance-free
3. Can be installed at any angle

Pressure Temperature Ratings

Operating Pressure	27.6 bar (400 psi)
Air Pre-load Pressure	4.2 bar (60 psi)
Temperature Range	33°F-180°F (0.6°C-82.2°C)

Material Specifications

Part	Material
Body	Type L Copper Tube
Piston	Nylon Piston with Two EPDM O-Ring
Male Thread Fitting	C46500 Lead Free Brass
Piston Lubrication	NSF® Approval Silicone Compound

Dimensions and Weight

	Fixture Unites	A(mm)	B	C (mm)	Weight (g)
GWH-01-A	1-11	24	BSPT 1/2"	151	220
GWH-01-B	12-32	48	BSPT 3/4"	185	282
GWH-01-C	33-60	57	BSPT 1"	224	417
GWH-01-D	61-113	66	BSPT 1 1/4"	253	482
GWH-01-E	114-154	85	BSPT 1 1/2"	323	623
GWH-01-F	155-330	85	BSPT 2"	284	613