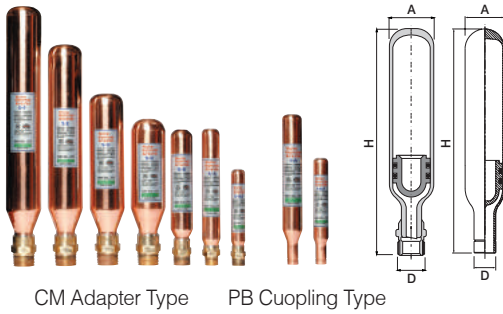


WHA

Water Hammer Arrester (CM Adapter/PB Cuopling Type)



- Working pressure(PV) : 10Kgf/cm²
- Maximum impulsive pressure(P) : 38Kgf/cm²
- Maximum working temperature : 120°C

● Features

This product is made up of materials that are harmless to humans, including pistons, an O-ring and cooper pipe. Because the air layer is completely separated from the water with the presence of O-ring, it guarantees a semi-permanent life span. It is made in compliance with PDI (Plumbing and Drainage Institute) standard, that is FU (Fixture Unit) definition and each model is proven to have a volume appropriateness and reliability through 200,000 cycle tests.

● Dimension & Selection Guide

PDI certificate for WHA-S-A & S-AA model

Type	Dimension (mm)			Weight (kg)	Air Volume (cc)	Fixture Capacity Unit
	A	ØD	H			
WHA-S-AA(CM)	20A(22.22)	15A	150	0.2	31	~3
WHA-I-AA(PB)			153			
WHA-S-A(CM)	25A(28.58)	15A	210	0.2	80	4~11
WHA-I-A(PB)			215			
WHA-S-B(CM)	32A(34.92)	20A	210	0.3	110	12~32
WHA-S-C(CM)	50A(53.98)	25A	226	0.4	180	33~60
WHA-S-D(CM)	50A(53.98)	25A	265	0.7	320	61~113
WHA-S-E(CM)	50A(53.98)	25A	338	0.8	470	114~154
WHA-S-F(CM)	50A(53.98)	25A	400	0.9	590	155~330

(NOTE) The mentioned size and scale can be altered to improve the quality performance and capacity of the product without any notice.

WHA-3000

STS Sanitary Water Hammer Arrester (CM Adapter)



- Working pressure(PV) : 10kgf/cm²
- Maximum impulsive pressure(P) : 32Kgf/cm²
- Maximum working temperature : 90°C

● Features

It is made up of special materials like Piston and O-ring with stainless steel tube having excellent corrosion resistance and because air layer is completely separated from water thanks to O-ring, it guarantees semi-permanent life span. It is made in compliance with PDI (Plumbing and Drainage Institute Standard), that is FU (Fixture Unit) definition and each model is proved to have volume appropriateness and reliability through 200,000 cycle tests.

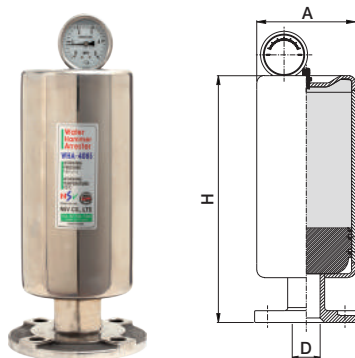
● Dimension & Selection Guide

Type	Dimension(mm)			Air Volume (cc)	Fixture Capacity Unit
	A	ØD	H		
WHA-3015A	34	15A	163	70	1~11
WHA-3020B	38	20A	180	110	12~32
WHA-3025C	38	25A	226	150	33~60
WHA-3025D	60	25A	224	320	61~113
WHA-3025E	60	25A	252	390	114~154
WHA-3025F	60	25A	294	470	155~330

(NOTE) The mentioned size and scale can be altered to improve the quality performance and capacity of the product without any notice.

WHA-4000

Water Hammer Arrester (Flange Type)



- Working pressure : 10kgf/cm² / 20kgf/cm²
- Maximum impulsive pressure : 32Kgf/cm²
- Maximum working temperature : 90°C

● Features

It is a semi-permanent water hammer arrester made up of a stainless steel tube having excellent corrosion resistance with a built-in piston moving up and down to prevent the loss of air. Because it is an all-in-one type, it does not cause the leakage of water. Plus, it has a wide range of applications, including the pipe for drinking water. It is for pressures higher than 10kgf/cm² with the pressure gauge on top to check the pressure applied. In general, it is installed on top of the special-purposed pump. Its volume appropriateness and reliability have been proved through 200,000 cycle tests. The above special order-made model is a hybrid water hammer arrester, which can be installed in the same direction in which fluid moves through a vertical/horizontal pipe.

● Dimension & Selection Guide

Type	Dimension(mm)			Air Volume(ℓ)	Flange Connection Diameter
	A	ØD	H		
WHA-4040	139.8	49.1	320	1.6	40A
WHA-4050	139.8	61.1	320	1.7	50A
WHA-4065	139.8	77.1	340	2.1	65A
WHA-4080	165.2	90.0	360	3.3	80A
WHA-4100	165.2	115.4	360	3.7	100A
WHA-4125	165.2	115.4	390	4.2	125A
WHA-4150	165.2	115.4	390	4.2	150A
WHA-4200	216.3	158.0	440	9.7	200A
WHA-4250	216.3	158.0	460	9.7	250A

(NOTE) The mentioned size and scale can be altered to improve the quality performance and capacity of the product without any notice.