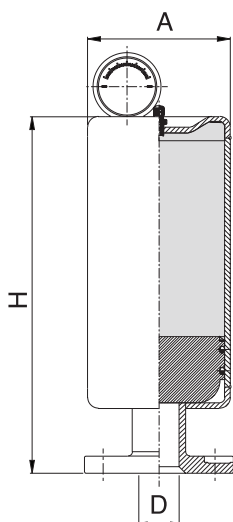


WHA-4000 Water Hammer Arrester (Flange Type)



■ 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.

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

■ Specification

No.	Name of Components	Material	Remark
1	Body	STS	(Type 304SS), Molding
2	Piston	P.P, ABS	Pressure-lubricated Dow-Coming 111 Silicon Compound, FDA approved (Used the FDA-approved lubricant)
3	O-ring	EPDM	
4	Flange	STS	-
5	Air Chamber	-	7.5kgf/cm ²
6	Air Valve	Brass	Cr Plated
7	Pressure Gauge	-	20, 30, 40kgf/cm ²
8	Filter Cap	ABS + Wire Netting	

■ Dimension & Selection Guide

Type	Dimension(mm)			Air Volume(ℓ)	Flange Connection Diameter
	A	∅D	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	10.4	250A

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