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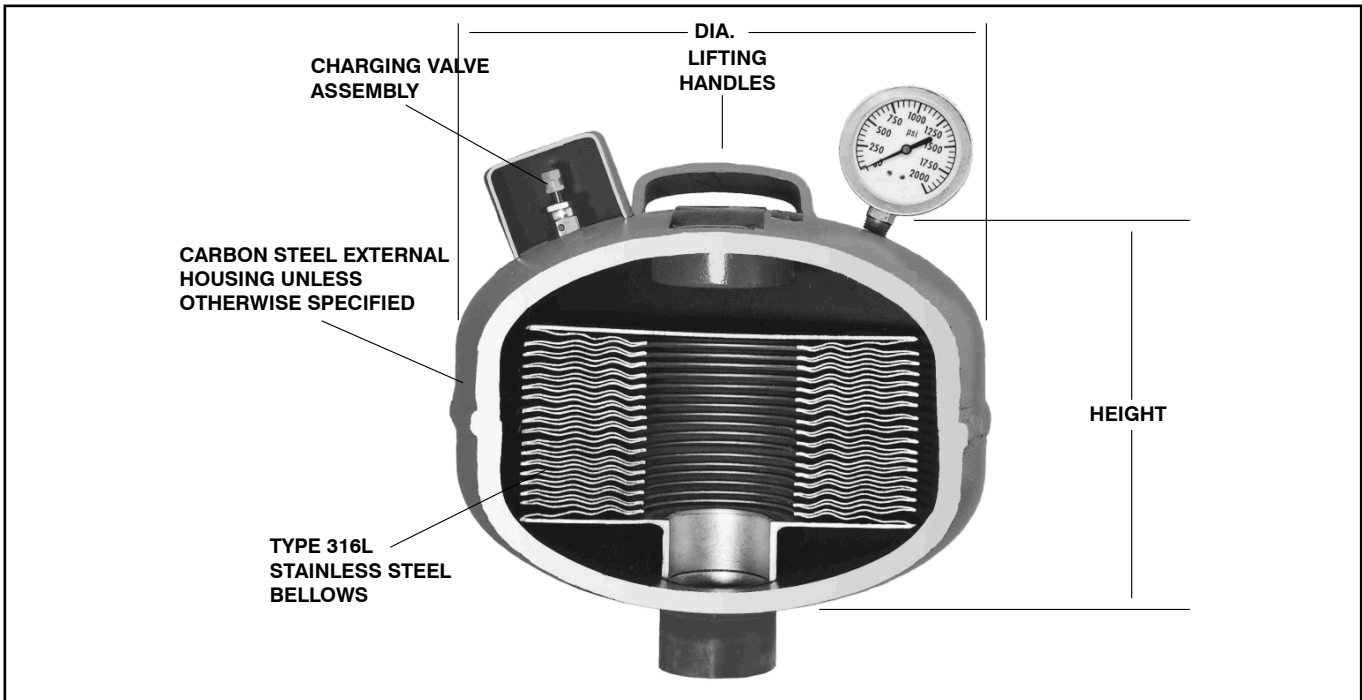


**WHS**

**WATER HAMMER ARRESTORS  
FOR HEAVY EQUIPMENT**

**Specification:** MIFAB® WHS Series (specify size) Type 316L stainless steel bellows type water hammer arrestor enclosed by an outer carbon steel body unless otherwise specified. The bellows shall be of multiple type diaphragms, and heli-arc welded at the inner and outer peripheries. The bellows shall be exposed internally to the line pressure and all material in contact with the line fluid shall be stainless steel. The arrestor shall be filled with nitrogen gas between the bellows and the body. Pressure rating is 200 psi. Temperature range is -325 (degree sign) F to +1200 (degree sign) F.

**Specification:** The WHS Series is a heavy duty water hammer arrestor used to protect plumbing lines from the destructive effects of water hammer produced by solenoid or other quick closing valves, pulsations from reciprocating pumps, and absorption of fluid line expansion, heavy equipment such as commercial laundry machines, dishwashers, etc. It is a pressure vessel containing an inner, expandable and collapsible stainless steel bellows assembly. A M.I.P. connection is provided to permit liquid displaced from the plumbing lines to enter the inside of the bellows assembly. Inside the pressure vessel and surrounding the outside of the bellows assembly, nitrogen gas is sealed at a pressure equal to the line pressure so that under normal flowing conditions, the internal and external pressures on the bellows unit are equal. The housing is designed to allow for the expansion of the bellows within the shell as it absorbs surges from the main line flow, thus preventing excessive pressure and shock. All WHS Series water hammer arrestors are welded to meet ASME unfired pressure vessel codes.



MODEL NO.	NOMINAL GAS	FLUID	SIZES		CONNECTION	APPROX.
	CAPACITY (cu-in)	DISPLACEMENT (cu-in)	DIA.	HEIGHT	SIZE (NPSM)	WEIGHT (lbs)
WHS-11	100	60	10 1/2"	8"	2" Nipple	70
WHS-12	200	120	10 1/2"	10"	2" Nipple	80
WHS-13	500	300	16"	10 3/4"	2" Nipple	140
WHS-14	1,000	600	16"	14"	2" Nipple	150
WHS-15	2,000	1,200	24"	18"	3" Flange	300
WHS-16	5,000	3,000	24"	22 3/4"	3" Flange	350
WHS-17	10,000	6,000	36"	25"	4" Flange	570
WHS-17S	25,000	15,000	42"	40"	6" Flange	2200
WHS-18	50,000	30,000	48"	47"	6" Flange	3000

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Job Name: \_\_\_\_\_ Page No: \_\_\_\_\_  
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 Schedule No: \_\_\_\_\_ Purchase Order No: \_\_\_\_\_