



SUBMITTAL

**PSAV-SERIES**

ASME PRIMARY/SECONDARY HEADER

**Models:** PSAV-2 thru PSAV-16

**Submittal Sheet No.** PSA-2016B

Date: 4/20

Job Name _____	Submitted By _____	Date _____
Location _____	Approved By _____	Date _____
_____	Order No. _____	Date _____
Engineer _____	Notes _____	
Contractor _____	_____	
Sales Rep. _____	_____	

**Description**

AA tanks Primary/Secondary ASME WessVent Headers are used in heating and cooling systems that require the primary and secondary loops of their system to be interlocked. The PSAV is designed to keep both connected hydraulic circuits completely independent from one another. The PSAV replaces the need for an air/dirt separator. Internal coalescence coils in the tank eliminate entrained air and separate debris associated with start-up and maintenance of the system.

**Construction**

Shell: Carbon Steel  
Coalescing Medium: Stainless Steel

**Performance Limitations**

Maximum Design Temperature: 250°F  
Maximum Design Pressure: 150 PSIG\*

\*200 & 250 PSIG available

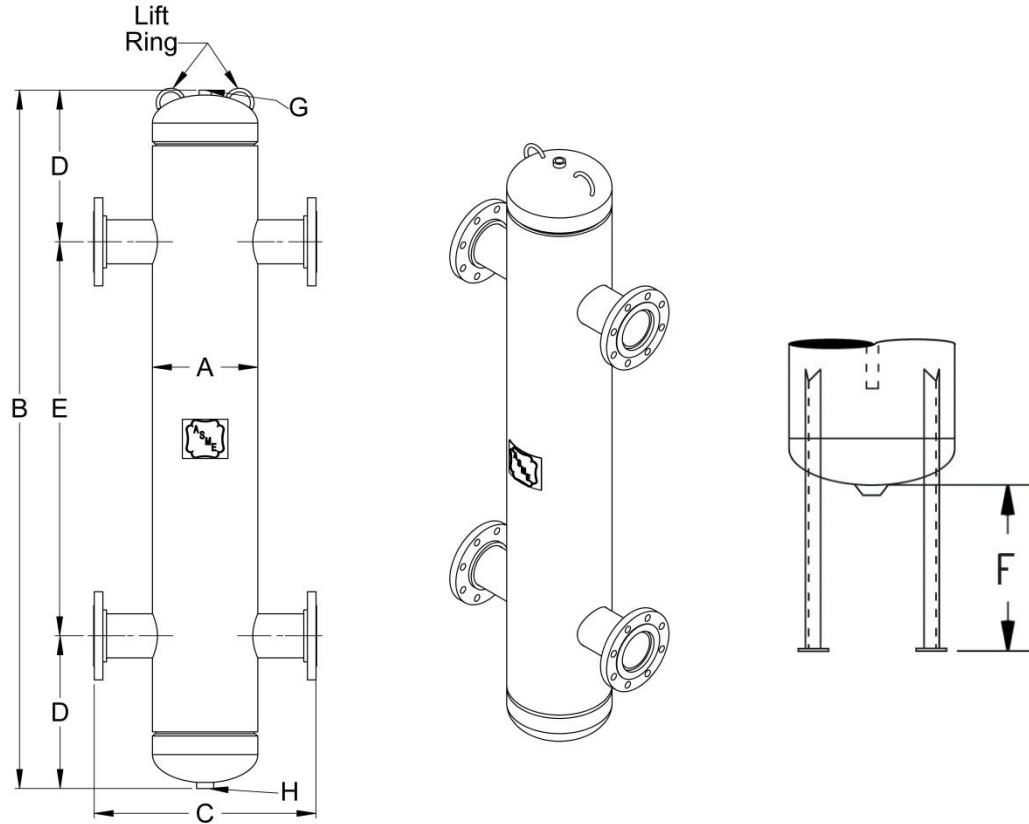


Model Number	Part Number	Flow Rate (GPM)	Tagging Information	Quantity
PSAV-2	71102020	69		
PSAV-2.5	71102025	108		
PSAV-3	71102030	144		
PSAV-4	71102040	255		
PSAV-5	71102050	398		
PSAV-6	71102060	570		
PSAV-8	71102080	945		
PSAV-10	71102100	1440		
PSAV-12	71102120	2100		
PSAV-14	71102140	2550		
PSAV-16	71102160	3300		

**Typical Specification**

Furnish and install, as shown on plans, a PSAV-\_\_\_\_\_ as manufactured by AAtanks Company. The Primary/Secondary Header must also utilize in its design a stainless steel coalescing medium to aid in the separation of air and dirt in the system's entrained water. The PSAV must be constructed in accordance with the most recent addendum of Section VIII Division 1 of the ASME Boiler and Pressure Vessel Code and shall be constructed and stamped for 150 PSI working pressure @ 250°F.

Each tank shall be AAtanks model number PSAV-\_\_\_\_\_ or approved equal.



PSAV-2 thru PSAV-16

**Dimensions & Weights**

Model Number	Dimensions in Inches									Approx Shipping Wt (lbs)
	Connection Size	A	B	C	D	E	F	G	H	
PSAV-2	2	6 5/8	34 1/4	14 3/4	6 3/4	20 3/4	-	1/2	1/2	90
PSAV-2.5	2 1/2		39 1/4		7 1/4	24 3/4				115
PSAV-3	3	49 1/2	18 3/4	9 3/8	30 3/4	225				
PSAV-4	4	70 1/4	22 3/4	15	40 1/4	330				
PSAV-5	5	14	80 1/2		26	50 1/2				415
PSAV-6	6	18	93 3/4	30	16 1/2	60 3/4	14	1/2	1	420
PSAV-8	8	24	122 3/4	36	21 3/8	80				575
PSAV-10	10	30	149 1/4	42	24 1/2	100 1/4				935
PSAV-12	12		179 1/2		30	119 1/2				1165
PSAV-14	14	42	199 1/4	54	34	131 1/4				2
PSAV-16	16	48	224 1/4	60	37 1/8	150	3260			