

SINCE 1908  
**wessels**  
 company

**SUBMITTAL**

**PSA-SERIES**

ASME PRIMARY/SECONDARY HEADER

Models: PSA-2 thru PSA-16

Submittal Sheet No. J-1001B

Date: 6/17

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

**Description**

Wessels Primary/Secondary ASME Headers are used in heating and cooling systems that require the primary and secondary loops of their system to be interlocked. The PSA is designed to keep both connected hydraulic circuits completely independent from one another.

**Construction**

Shell: Carbon Steel

**Performance Limitations**

Maximum Design Temperature: 450°F

Maximum Design Pressure: 150 PSIG\*

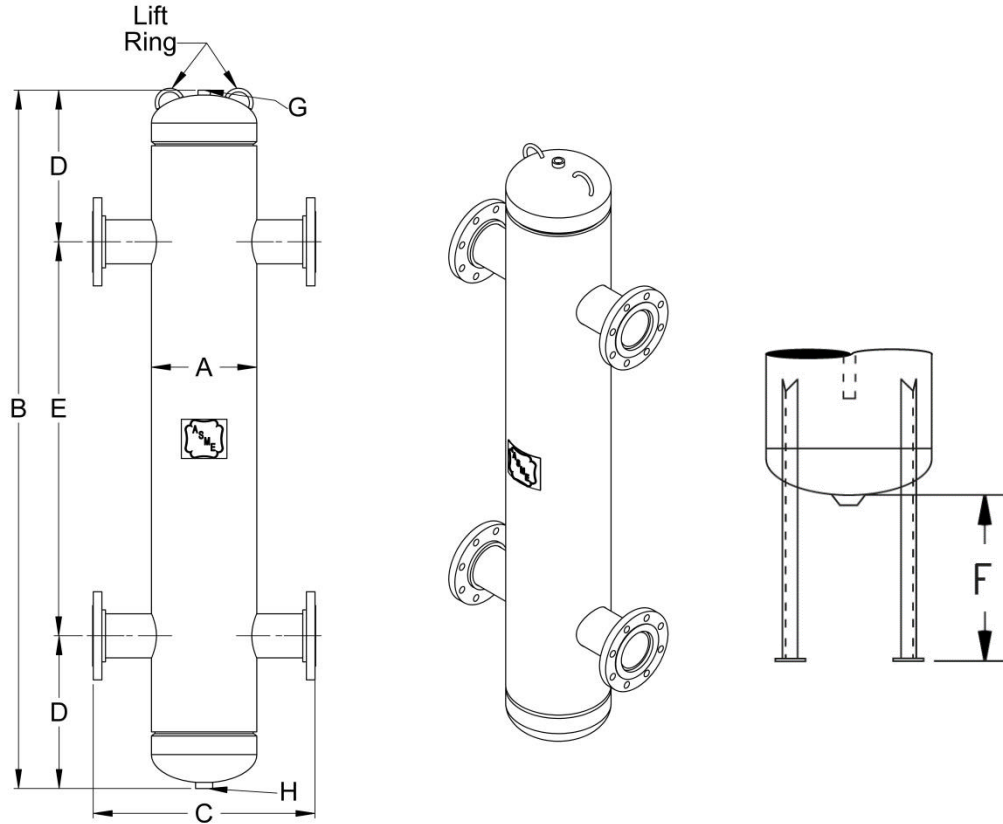
\*200 & 250 PSIG available

Model Number	Part Number	Flow Rate (GPM)	Tagging Information	Quantity
PSA-2	71002020	69		
PSA-2.5	71002025	108		
PSA-3	71002030	144		
PSA-4	71002040	255		
PSA-5	71002050	398		
PSA-6	71002060	570		
PSA-8	71002080	945		
PSA-10	71002100	1440		
PSA-12	71002120	2100		
PSA-14	71002140	2550		
PSA-16	71002160	3300		

**Typical Specification**

Furnish and install, as shown on plans, a PSA-\_\_\_\_\_ as manufactured by Wessels Company. The PSA 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 @ 450°F.

Each tank shall be Wessels model number PSA-\_\_\_\_\_ or approved equal.



PSA-2 thru PSA-16

**Dimensions & Weights**

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