



SINCE 1908
wessels
 company

SUBMITTAL

PSN-SERIES

PRIMARY/SECONDARY HEADER

Models: PSN-2 thru PSN-16

Submittal Sheet No. J-1103B

Date: 6/17

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

Description

Wessels Primary/Secondary Headers are used in heating and cooling systems that require the primary and secondary loops of their system to be interlocked. The PSN 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*

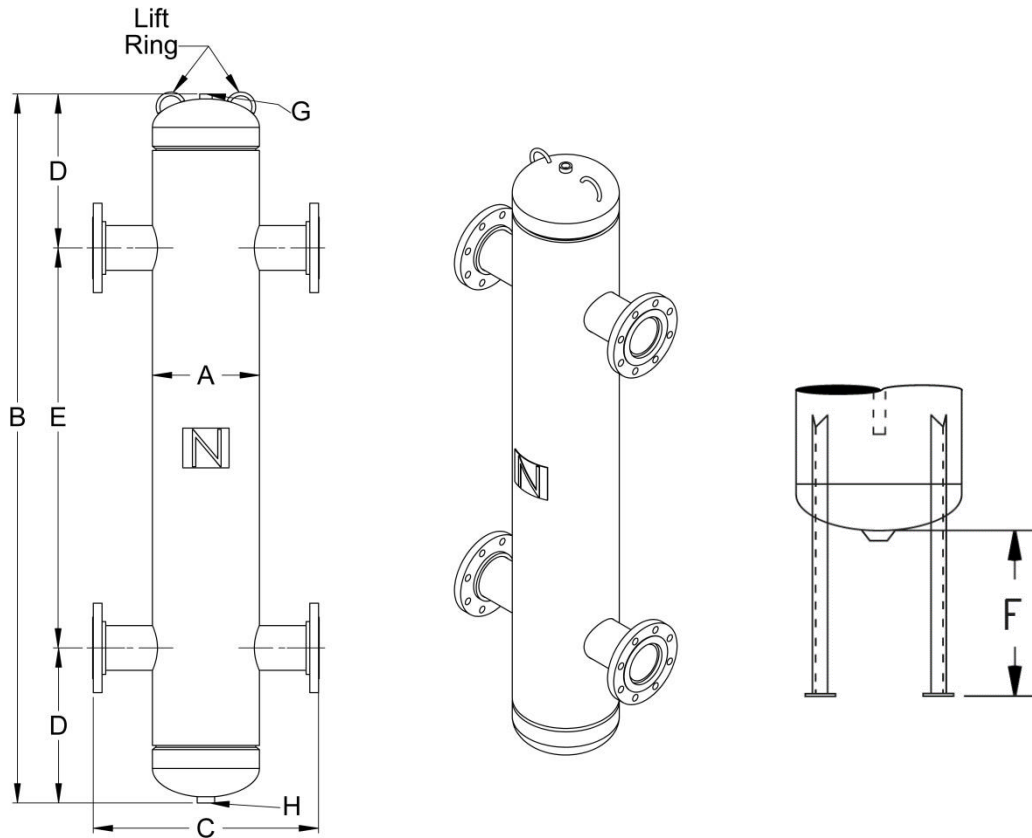
*200 & 250 PSIG available

Model Number	Part Number	Flow Rate (GPM)	Tagging Information	Quantity
PSN-2	71002161	65		
PSN-2.5	71002162	68		
PSN-3	71002163	175		
PSN-4	71002164	180		
PSN-5	71002165	300		
PSN-6	71002166	500		
PSN-8	71002168	900		
PSN-10	71002170	1420		
PSN-12	71002172	1425		
PSN-14	71002174	1650		
PSN-16	71002176	2200		

Typical Specification

Furnish and install, as shown on plans, a PSN-_____ as manufactured by Wessels Company. The PSN shall be constructed for 150 PSI working pressure @ 450°F.

Each tank shall be Wessels model number PSN-_____ or approved equal.



PSN-2 thru PSN-16

Dimensions & Weights

Model Number	Dimensions in Inches									Approx Shipping Wt (lbs)
	Connection Size	A	B	C	D	E	F	G	H	
PSN-2	2	6 5/8	34 1/4	14 3/4	6 3/4	20 3/4	-	1/2	1/2	90
PSN-2.5	2 1/2		39 1/4		7 1/4	24 3/4				115
PSN-3	3	49 1/2	18 3/4	9 3/8	30 3/4	225				
PSN-4	4	10 3/4	70 1/4	22 3/4	15	40 1/4	14	1	330	
PSN-5	5	14	80 1/2	26		50 1/2			415	
PSN-6	6	18	93 3/4	30	16 1/2	60 3/4			420	
PSN-8	8	24	122 3/4	36	21 3/8	80	575			
PSN-10	10	30	149 1/4	42	24 1/2	100 1/4	14	1	935	
PSN-12	12		179 1/2		30	119 1/2			1165	
PSN-14	14	42	199 1/4	54	34	131 1/4	2	2430		
PSN-16	16	48	224 1/4	60	37 1/8	150		3260		