

SINCE 1908
wessels
 company

SUBMITTAL

PSNV-SERIES

PRIMARY/SECONDARY HEADER

Models: PSNV-2 thru PSNV-16

Submittal Sheet No. J-1104B

Date: 6/17

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

Description

Wessels Primary/Secondary WessVent Headers are used in heating and cooling systems that require the primary and secondary loops of their system to be interlocked. The PSNV is designed to keep both connected hydraulic circuits completely independent from one another. The PSNV 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: 450°F
 Maximum Design Pressure: 150 PSIG*

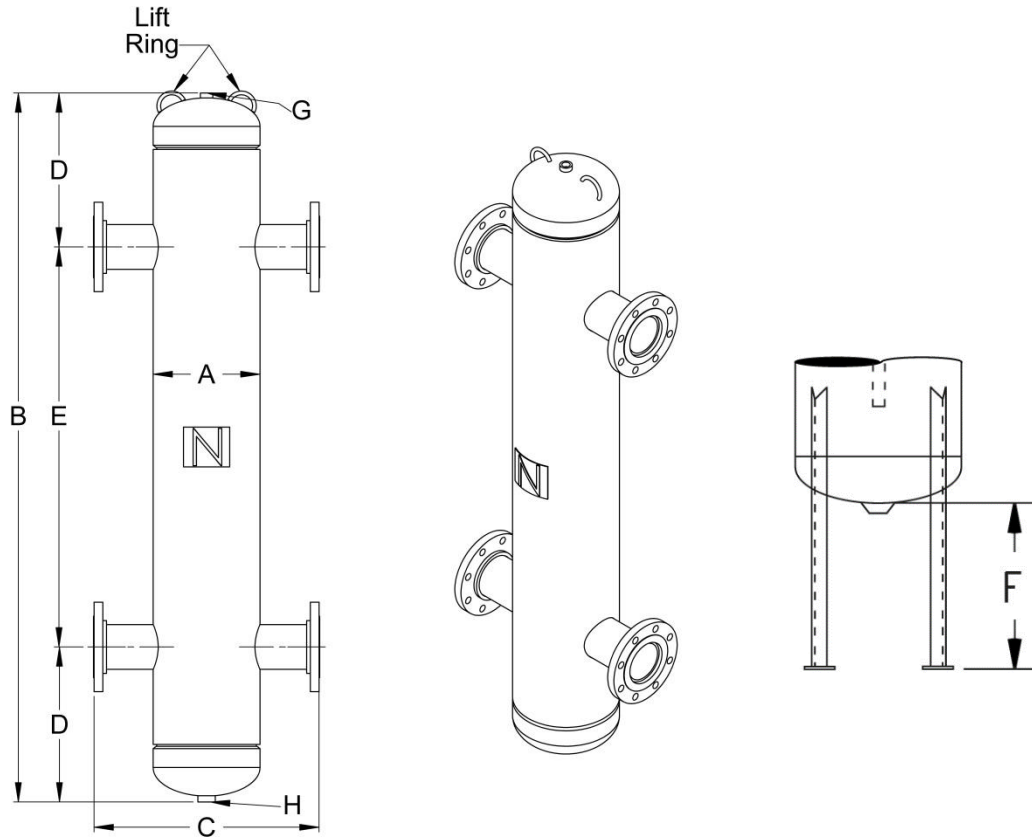
*200 & 250 PSIG available

Model Number	Part Number	Flow Rate (GPM)	Tagging Information	Quantity
PSNV-2	71002177	65		
PSNV-2.5	71002178	68		
PSNV-3	71002179	175		
PSNV-4	71002180	180		
PSNV-5	71002181	300		
PSNV-6	71002182	500		
PSNV-8	71002183	900		
PSNV-10	71002184	1420		
PSNV-12	71002185	1425		
PSNV-14	71002186	1650		
PSNV-16	71002187	2200		

Typical Specification

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

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



PSNV-2 thru PSNV-16

Dimensions & Weights

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