

SINCE 1908  
**wessels**  
 company

SUBMITTAL

**WVNA-SERIES**  
 AIR SEPARATOR

**Models:** WVNA-2 thru WVNA-12  
**Submittal Sheet No.** D-1115B

Date: 10/17

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

**Description**

Wessels WVNA series Air Separators are designed to eliminate entrained air associated with start-up and maintenance of any hydronic system. The design incorporates a skim valve for eliminating floating debris, and an air vent to automatically release air from the separator.

**Construction**

Shell: Carbon Steel  
 Coalescing Medium: Stainless Steel  
 Blow Down Valve (optional): Brass  
 Skim Valve (optional): Brass  
 Vent (optional): Cast Iron

**Performance Limitations**

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

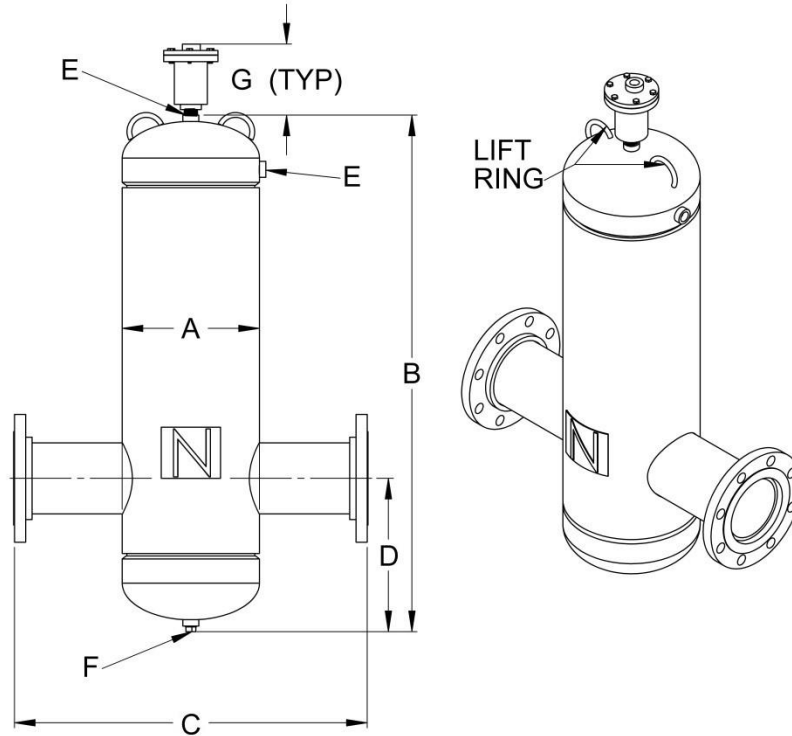
\*200 & 250 PSIG available

Model Number	Part Number	Max Flow (GPM)	Tagging Information	Quantity
WVNA-2	72314002	69		
WVNA-2-NPT	72314014	69		
WVNA-2.5	72314026	108		
WVNA-2.5-NPT	72314038	108		
WVNA-3	72314050	144		
WVNA-3-NPT	72314062	144		
WVNA-4	72314074	255		
WVNA-5	72314098	398		
WVNA-6	72314110	570		
WVNA-8	72314122	945		
WVNA-10	72314134	1440		
WVNA-12	72314146	2100		

**Typical Specification**

Furnish and install, as shown on plans, a WVNA-\_\_\_\_\_ Air Separator as manufactured by Wessels Company. Each separator must be designed with a blow down valve, skim valve, and automatic air vent. The separator must also utilize in its design a stainless steel coalescing medium to aid in the separation of air in the system's entrained water. The separator shall be constructed and stamped for 150 PSI working pressure @ 250°F.

Each air separator shall be Wessels model number WVNA-\_\_\_\_\_ or approved equal.



WVNA-2 thru WVNA-12

**Dimensions & Weights**

Model Number	Dimensions in Inches								Approx Shipping Weight						
	Connection Size	A	B	C	D	E	F	G							
WVNA-2	2	4	18 1/2	15 1/4	7	1/2	1	8 5/8	35						
WVNA-2-NPT				10 3/8					26						
WVNA-2.5	2.5	5		15 3/4	61										
WVNA-2.5-NPT				11	38										
WVNA-3	3	6	23	20 1/4	8 1/2				1/2	1	8 5/8	71			
WVNA-3-NPT				12 1/2								56			
WVNA-4	4	8		20 5/8	105										
WVNA-5	5	10	31	27 3/4	11 1/2							1/2	1	8 5/8	92
WVNA-6	6	12		27 3/4											129
WVNA-8	8	16	36	33 5/8	225										
WVNA-10	10	20	46	37 1/2	13 1/2										375
WVNA-12	12	24	54	42 1/2	16										564

**Notes**

- Trim package is optional.