

AA tanks

SUBMITTAL

TYPE: WVA AIR & DIRT SEPARATORS

MODELS: WVA-2 to WVAA-12

Submittal Sheet No. WVA-001.2

Date: May. 2012

JOB _____

AA tanks Representative _____

Unit Tag No. _____

Order No _____ Date _____

Engineer _____

Submitted By _____ Date _____

Contractor _____

Approved By _____ Date _____

DESCRIPTION

AA tanks WVA series Air Separators are designed to eliminate entrained air with start-up and maintenance of any hydronic system. The design incorporates a skim valve for eliminating floating debris, a removable end cover for coalescing medium access, and an air vent to automatically release air from the separator.

CONSTRUCTION

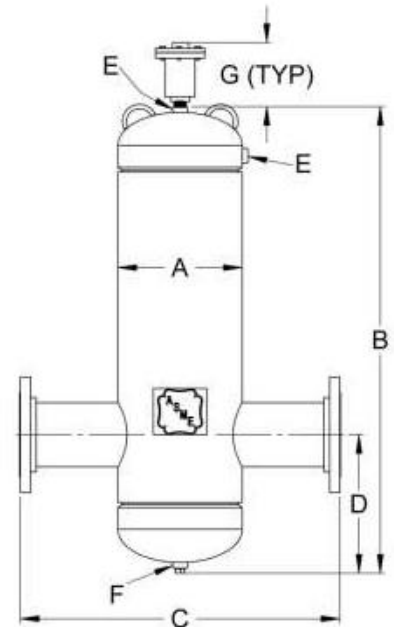
Shell: Carbon Steel
 Coalescing Medium: Stainless Steel
 Blow Down Valve (optional): Brass
 Skim Valve (optional): Brass
 Vent (optional): Cast Iron

PERFORMANCE LIMITATIONS

Maximum Design Pressure: 125 PSIG
 (200 & 250 PSIG available)
 Maximum Design Temperature: 250°F

DIMENSIONS & WEIGHTS

Model Number	Max GPM	Conn Size	Dimensions in Inches							Approx. Shipping Weight (lbs)				
			A	B	C	D	E	F	G					
WVA-2	46	2"	4	18 1/2	15 1/4	7	1/2	1/2	8 5/8	35				
WVA-2 NPT	46				10 3/8					26				
WVA-2.5	72	15 3/4	61											
WVA-2.5 NPT	72	2 1/2"	5	11	38									
WVA-3	96	3"	6	23	20 1/4	8 1/2				1/2	8 5/8	71		
WVA-3 NPT	96				12 1/2							56		
WVA-4	170	20 5/8	105											
WVA-4 NPT	170	4"	8	15	91									
WVA-5	265	5"	10	31	27 3/4	11 1/2						1	8 5/8	92
WVA-6	380	6"	12		129									
WVA-8	630	8"	16	36	33 5/8		225							
WVA-10	960	10"	20	46	37 1/2	13 1/2	375							
WVA-12	1400	12"	24	54	42 1/2	16	564							



Notes

- Trim Package is optional.

Typical Specification

Furnish and install, as shown on plans, a WVA-_____ Air Separator as manufactured by AA tanks 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 and dirt in the system's entrained water. The separator 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 125 PSI working pressure @ 250°F. Each air separator shall be AA tanks model number WVA-_____ or approved equal.