

SUBMITTAL

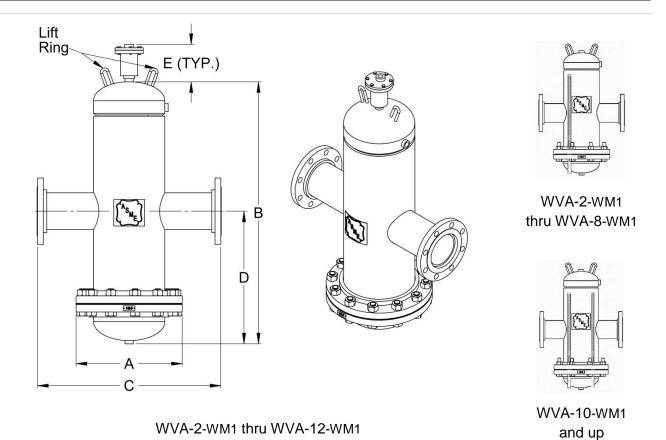
WVA-WM1-SERIES

MAGNETIC AIR & DIRT SEPARATOR

Models: WVA-2-WM1 thru WVA-12-WM1 Submittal Sheet No. D-1010A

Date: 6/18

Job Name					Submittal Silect No. D-1010A	Date. 0/10
Contractor Sales Rep.	Job Name				ubmitted By	_ Date
Engineer Contractor Sales Rep. Description Wessels WVA-WM1 series Air & Dirt Separators with WesMag® magnetic filtration are designed to eliminate entrained air and separate debris and ferrous particulate associated with start-up and maintenance of any hydronic system. The design incorporates one or two removable WesMag® stack(s) of neodymium rare-earth magnets in a stainless steel well, a skim valve used to eliminate floating debris, removable end cover for coalescing medium access, and an air vent to automatically release air from the separator. Model Number Part Max Flow Number (GPM) Model Number Part Max Flow (GPM) Model Number Part Max Flow (GPM) WVA-2-WM1 73180020 69 WVA-2-NPT-WM1 73180021 69 WVA-2-SWM1 73180025 108 WVA-2-SWM1 73180030 144 WVA-3-WM1 73180030 144 WVA-3-WM1 73180030 139 WVA-4-WM1 73180030 398 WVA-4-WM1 73180060 570 WVA-8-WM1 73180080 945 WVA-8-WM1 73180000 1440 WVA-12-WM1 73180010 1440 WVA-12-WM1 73180100 1440 WVA-12-WM1 73180070 1570 WVA-10-WM1 73180070 1570 WVA-10-WM1 73180070 1570 WVA-10-WM1 73180070 1570 WVA-10-WM1 73180080 945 WVA-10-WM1 73180070 1570 WVA-10-WM1 73180080 945 WVA-10-WM1 73180081 945 WVA-10-WM1 73180100 1440 WVA-10-WM	Location				oproved By	Date
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WVA-2-NPT-WM1 73180021 69 WVA-2-S-WM1 73180025 108 WVA-2-S-NPT-WM1 73180026 108 WVA-3-WM1 73180030 144 WVA-3-NPT-WM1 73180031 144 WVA-4-WM1 73180050 398 WVA-6-WM1 73180060 570 WVA-8-WM1 73180080 945 WVA-10-WM1 73180100 1440 WVA-12-WM1 73180100 1440 WVA-12-WM1 73180100 1440 WVA-12-WM1 T3180100 1440 WVA-12-WM1 M391010 144		Model Number			Tagging Information	Quantity
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Each air separator shall be Wessels model number WVAWM1 or approved equal.	Furnish manufact and auto in the se rare-earl must be and Pres	and install, as shown tured by Wessels Commatic air vent. The sepparation of air and dirt in magnets housed in a constructed in accordance where Vessel Code and	pany. Each parator must an the systems stainless stee ince with mos shall be cons	separator malso utilize in sentrained was livell for filtrast recent additional tructed and	ust be designed with a blow down its design a stainless steel coal vater and removable WesMag [®] station and removal of ferrous particular dendum of Section VIII Division stamped for 150 PSI working presented.	wn valve, skim valve, escing medium to aid tack(s) of neodymium culate. The separator 1 of the ASME Boiler essure @ 250°F.



Dimensions & Weights

Model Number	Connection Size	Α	В	С	D	E	Approx Shipping Wt (lbs)
WVA-2-WM1	- 2	9	23	15 1/4	11 1/2	8 5/8	110
WVA-2-NPT-WM1				9			100
WVA-2.5-WM1	2.5	10		15 3/4			138
WVA-2.5-NPT-WM1	2.5			10 1/2			128
WVA-3-WM1	3	11	29	20 1/4	14 1/2		165
WVA-3-NPT-WM1				12 3/4			155
WVA-4-WM1	4	13 1/2		20 5/8			270
WVA-5-WM1	5	16	39	27 3/4	19 1/2		335
WVA-6-WM1	6	19					405
WVA-8-WM1	8	23 1/2	49	33 5/8	24 1/2		740
WVA-10-WM1	10	27 1/2	65	37 1/2	32 1/2		1050
WVA-12-WM1	12	32	76	42 1/2	38		1560

Notes

- Trim package is optional.
- Neodymium magnets 12,000 gauss (single well for 2" to 8", 2 wells 10" & 12")