

HIGH VELOCITY ASME AIR AND DIRT SEPARATOR

- High velocity
- ASME design and label

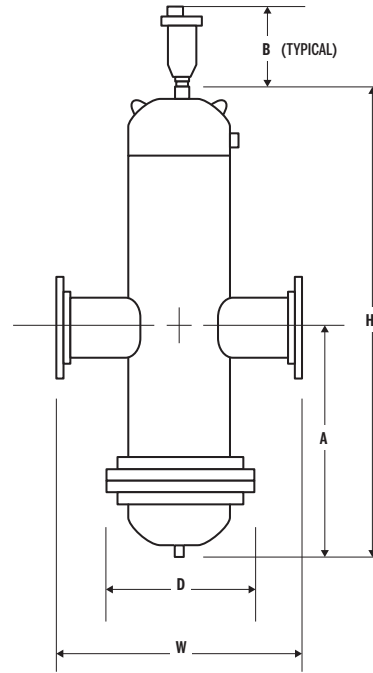
EWVA-HV series air and dirt separators are designed to eliminate entrained air and separate debris associated with start-up and maintenance of any hydronic system. The design incorporates a skim valve, used to eliminate floating debris, a removable end cover for coalescing medium access, and an air vent to automatically release air from the separator. The design and construction conforms to ASME Section VIII, Div. 1

CONSTRUCTION

- Shell: Carbon steel
- Coalescing medium: Stainless steel
- Blowdown valve (optional): Bronze
- Skim valve (optional): Bronze
- Vent (optional): Stainless steel

PERFORMANCE LIMITATION

- Maximum design temperature: 250 °F
- Maximum design pressure: 125 psig



Model	Connection		Flow		Dimensions										Weight	
					D		H		W		A		B			
	in	mm	GPM	LPM	in	mm	in	mm	in	mm	in	mm	in	mm	lb	kg
EWVA-2-HV	2	51	105	397	4	102	33	838	15 ¼	387	16 ½	419	8 ⅝	219	76	35
EWVA-2.5-HV	2 ½	64	155	587	5	127	33	838	15 ¼	387	16 ½	419	8 ⅝	219	99	45
EWVA-3-HV	3	76	225	852	6	152	42	1067	20 ¼	514	21	533	8 ⅝	219	139	64
EWVA-4-HV	4	102	405	1533	8	203	42	1067	20 ⅝	524	21	533	8 ⅝	219	219	99
EWVA-5-HV	5	127	630	2385	10	254	59	1499	27 ¾	705	29 ½	749	8 ⅝	219	236	107
EWVA-6-HV	6	152	910	3445	12	305	59	1499	27 ¾	705	29 ½	749	8 ⅝	219	405	184
EWVA-8-HV	8	203	1610	6095	16	406	75	1905	33 ⅝	854	37 ½	953	8 ⅝	219	639	290
EWVA-10-HV	10	254	2450	9274	20	508	92	2337	37 ½	953	46	1168	8 ⅝	219	1045	474
EWVA-12-HV	12	305	3500	13249	24	610	110	2794	42 ½	1080	55	1397	8 ⅝	219	1630	739
EWVA-14-HV	14	356	4800	18170	30	762	110	2794	48	1219	55	1397	8 ⅝	219	2400	1087
EWVA-16-HV	16	406	6250	23659	32	813	110	2794	48	1219	55	1397	8 ⅝	219	3000	1361

QUANTITY: _____ MODEL: EWVA- _____ -HV

Notes: _____
 Project: _____ Representative: _____
 Location: _____ Date submitted: _____
 Engineer: _____ Approved by: _____
 Contractor: _____ Date of approval: _____

SPECIFICATIONS: Furnish and install as shown on the plans and described herein, a EWVA-HV high velocity ASME air and dirt separator as manufactured by Calefactio. Each separator must be designed with a blowdown valve, skim valve, and automatic air vent. The separator must also utilize in its design a stainless steel coalescing medium to facilitate the separation of air and dirt in the system entrained water. The separator must be constructed in accordance with the latest revision of the ASME Boiler and Pressure Vessel Code and stamped 125 psi working pressure. Each separator shall be Calefactio model EWVA- _____ -HV or approved equal.