

ASME AIR AND DIRT SEPARATOR

– ASME design and label

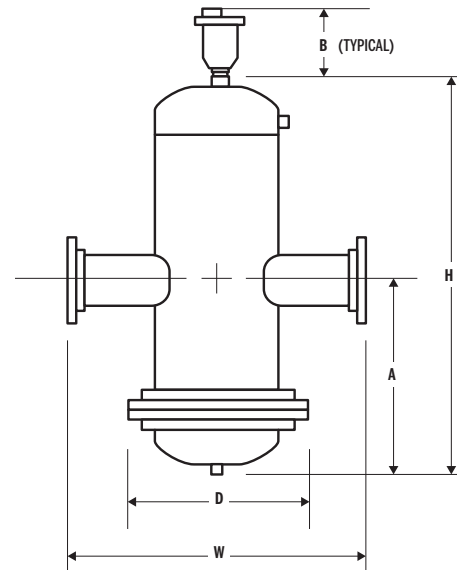
EWVA series air and dirt separators are designed to eliminate entrained air and separate debris associated with start-up and maintenance of any hydronic system. The design incorporates a skim valve, used to eliminate floating debris, a removable end cover for coalescing medium access, and an air vent 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	2	51	46	174	9	229	23	584	15 ¼	387	11 ½	292	8 ⅝	219	100	45
EWVA-2 NPT	2 NPT	51	46	174	9	229	23	584	10 ¾	264	11 ½	292	8 ⅝	219	90	41
EWVA-2.5	2 ½	64	72	273	10	254	23	584	15 ¾	400	11 ½	292	8 ⅝	219	125	57
EWVA-2.5 NPT	2 ½ NPT	64	72	273	10	254	23	584	11	279	11 ½	292	8 ⅝	219	115	52
EWVA-3	3	76	96	363	11	279	29	737	20 ¼	514	14 ½	368	8 ⅝	219	150	68
EWVA-3 NPT	3 NPT	76	96	363	11	279	29	737	12 ½	318	14 ½	368	8 ⅝	219	130	59
EWVA-4	4	102	170	644	13 ½	343	29	737	20 ⅝	524	14 ½	368	8 ⅝	219	250	113
EWVA-4NPT	4 NPT	102	170	644	13 ½	343	29	737	15	380	14 ½	368	8 ⅝	219	210	95
EWVA-5	5	127	265	1003	16	406	39	991	27 ¾	705	19 ½	495	8 ⅝	219	310	141
EWVA-6	6	152	380	1438	19	483	39	991	27 ¾	705	19 ½	495	8 ⅝	219	375	170
EWVA-8	8	203	630	2385	23 ½	597	49	1245	35 ⅝	905	24 ½	622	8 ⅝	219	700	318
EWVA-10	10	254	960	3634	27 ½	699	65	1651	37 ½	953	32 ½	826	8 ⅝	219	1000	454
EWVA-12	12	305	1400	5300	32	813	76	1930	42 ½	1080	38	965	8 ⅝	219	1500	680

QUANTITY: _____ MODEL: EWVA- _____

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 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- _____ or approved equal.