

# COALESCING AIR AND DIRT SEPARATORS WITH MAGNET EWVA-HV-MAG



Job Name: \_\_\_\_\_ Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Location: \_\_\_\_\_ Approved by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Engineer: \_\_\_\_\_ Order No.: \_\_\_\_\_ Date: \_\_\_\_\_  
 Contractor: \_\_\_\_\_ Notes: \_\_\_\_\_  
 Sales Rep.: \_\_\_\_\_

- ✔ High velocity
- ✔ Replaceable media

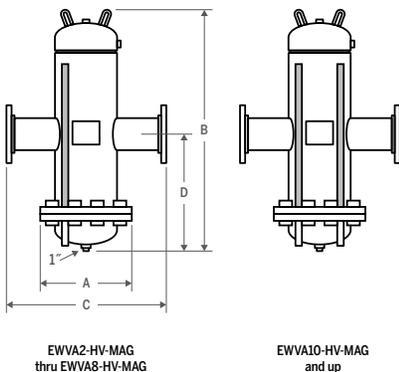
**Features**

- ▶ Design conforms to ASME, section VIII
- ▶ The media can be removed for maintenance or replacement
- ▶ Supplied with one or two removable magnets

**Technical Specifications**

- ▶ Coalescent media: stainless steel
- ▶ Carbonized steel housing
- ▶ Exterior finish in painted primer
- ▶ Maximum design temperature: 121°C (250°F)
- ▶ Maximum design pressure: 150 PSI
- ▶ Pressure of 175, 200, 250 and 300 PSI also available

To obtain a separator of higher capacity and greater pressure, contact the manufacturer.



**QUANTITY**

**MAXIMUM PRESSURE**

150 PSI     175 PSI  
 200 PSI     250 PSI  
 300 PSI  
 Other\*:

**OPTIONAL**

Industrial vent (#MV15)



\*Subject to the manufacturer's approval.

Model#	Connect.		Maximum Flow		Dimension								Weight	
					A		B		C		D			
	in	mm	GPM	LPM	in	mm	in	mm	in	mm	in	mm	lb	kg
EWVA2-HV-MAG	2	51	105	397	9	229	33	838	15¼	387	16½	419	110	243
EWVA2.5-HV-MAG	2½	64	155	587	10	254	33	838	15¾	400	16½	419	138	304
EWVA3-HV-MAG	3	76	225	852	11	279	42	1067	20¼	57	21	533	165	364
EWVA4-HV-MAG	4	102	405	1533	13½	343	42	1067	20¾	524	21	533	270	595
EWVA5-HV-MAG	5	127	630	2385	16	406	59	1499	27¾	705	29½	749	335	739
EWVA6-HV-MAG	6	152	910	3444	19	483	59	1499	27¾	705	29½	749	405	893
EWVA8-HV-MAG	8	203	1610	6094	23½	597	75	1905	33¾	854	37¾	959	740	1632
EWVA10-HV-MAG	10	254	2450	9273	27½	699	92	2337	37½	953	46	1168	1050	2315
EWVA12-HV-MAG	12	305	3500	13248	32	813	110	2794	42½	1080	55	1397	1560	3440

**TYPICAL 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.