SUBMITTAL DATA

COALESCING AIR AND DIRT SEPARATORS
EWVAN-HV

Job Name: _____ Submitted by: _____ Date: _____

Location: _____ Approved by: _____ Date: _____

Engineer: _____ Order No.: _____ Date: _____

Contractor: _____ Notes: _____

Sales Rep.: _____

High velocity

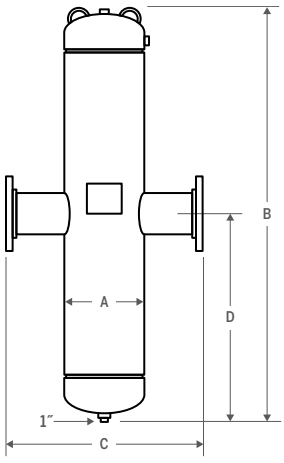
Features

- Design conforms to ASME, section VIII
- Non-replaceable media

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

MODEL

EWVAN

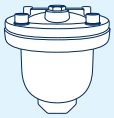
MAXIMUM PRESSURE

- ☐ 150 PSI
- ☐ 175 PSI
- ☐ 200 PSI
- ☐ 250 PSI
- ☐ 300 PSI
- ☐ Other*: _____

*Subject to the manufacturer's approval.

OPTIONAL

☐ Industrial vent (#MV15)



Model#	Connection		Maximum Flow		Dimension								Weight	
					A		B		C		D			
	in	mm	GPM	LPM	in	mm	in	mm	in	mm	in	mm	lb	kg
EWVAN2-HV	2	51	105	397	4½	114	33	838	15¾	400	16½	419	100	45
EWVAN2-HV-NPT	2	51	105	397	4½	114	33	838	9	229	16½	419	90	41
EWVAN2.5-HV	2½	64	155	587	5½	140	33	838	15¾	400	16½	419	125	57
EWVAN2.5-HV-NPT	2½	64	155	587	5½	140	33	838	10½	267	16½	419	115	52
EWVAN3-HV	3	76	225	852	6½	165	42	1067	20¼	514	21	533	150	68
EWVAN3-HV-NPT	3	76	225	852	6½	165	42	1067	12¾	324	21	533	130	59
EWVAN4-HV	4	102	405	1533	8½	216	42	1067	20⅝	524	21	533	250	114
EWVAN5-HV	5	127	630	2385	10	254	59	1499	27¾	705	29½	749	310	141
EWVAN6-HV	6	152	910	3445	12	305	59	1499	27¾	705	29½	749	375	170
EWVAN8-HV	8	203	1610	6094	16	406	75	1905	33⅝	854	37½	953	700	318
EWVAN10-HV	10	254	2450	9274	20	508	92	2337	37½	953	46	1168	1000	455
EWVAN12-HV	12	305	3500	13249	24	610	110	2794	42½	1080	55	1397	1500	682

016-2026-02

TYPICAL SPECIFICATIONS

Furnish and install as shown on the plans and described herein, a EWVAN-HV coalescent air and dirt separator as manufactured by Calefactio. Each separator must be designed with a pressure purger, drain valve, and automatic air vent. The separator must also be designed with a non-replaceable stainless steel coalescing media 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 _____ PSI working pressure and a 121°C (250°F) maximum operating temperature. Each separator shall be Calefactio model EWVAN-_____HV or approved equal.

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