

SUBMITTAL DATA



3 IN 1 HYDRAULIC SEPARATORS CALBALANCE WITH ASME FLANGE



Job Name: _____
 Location: _____
 Engineer: _____
 Contractor: _____
 Sales Rep.: _____

Submitted by: _____
 Approved by: _____
 Order No.: _____
 Notes: _____

Date: _____
 Date: _____
 Date: _____

QUANTITY

MODEL

MAXIMUM PRESSURE

☐ 150 PSI

☐ 175 PSI

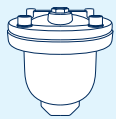
☐ 200 PSI

☐ 250 PSI

☐ 300 PSI

☐ Other*:

OPTIONAL

☐ Industrial vent (#MV15)


*Subject to the manufacturer's approval.

✔ Separates water, air and dirt

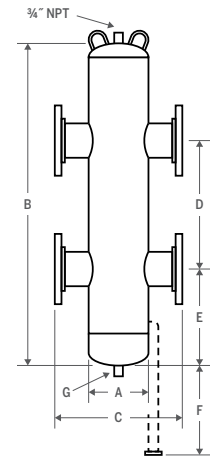
Features

- ▶ Design conforms to ASME, section VIII
- ▶ Reduces energy consumption as the pumps are only used in required zones
- ▶ Coalescing media that allows air, microbubbles, and dirt particles to adhere to it
- ▶ Non-replaceable media
- ▶ Models with connection of 6 in or more supplied on stand

Technical Specifications

- ▶ Coalescent media: stainless steel
- ▶ Carbonized steel housing
- ▶ Exterior finish in painted primer
- ▶ Maximum design temperature: 299°C (550°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.



Model#	Conn.	Flow		Dimension														Weight	
				A		B		C		D		E		F		G			
		in	GPM	m³/h	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lb
CB200AV	2	69	261	6%	168	34	864	14	356	16	406	9	229	-	-	0.75	19	122	55
CB250AV	2½	108	409	8%	219	34	864	14	356	16	406	9	229			0.75	19	161	73
CB300AV	3	144	545	10%	273	48	1219	18	457	24	610	12	305			0.75	19	259	118
CB400AV	4	255	965	12%	324	49	1245	20	508	25	635	12	305			1	25	322	146
CB500AV	5	398	1507	16	406	68	1727	24	610	32	813	18	457			1	25	370	168
CB600AV	6	570	2158	18	457	89	2261	28	711	41	1041	24	610	14	356	1	25	560	255
CB800AV	8	945	3577	24	610	115	2921	36	914	55	1397	30	762	14	356	1	25	961	437
CB1000AV	10	1440	5451	30	762	144	3658	42	1067	72	1829	36	914	14	356	1	25	1495	680
CB1200AV	12	2100	7949	30	762	157	3988	42	1067	73	1854	42	1067	14	356	2	51	2195	998
CB1400AV	14	2550	9653	42	1067	211¾	5378	54	1371	131¾	3334	42	1067	14	356	2	51	2430	1102
CB1600AV	16	3300	12492	48	1220	236¾	6013	60	1524	150	3810	45½	1146	14	356	2	51	3260	1479

005-2023-10

TYPICAL SPECIFICATIONS

Furnish and install as shown on plans a Calbalance hydraulic separator from Calefactio. The hydraulic separator must be equipped with a Calvent automatic air vent (#CV050) and a drain valve. Each hydraulic separator must resist a 232°C/450°F maximum operating temperature and a _____ PSI/bar operating pressure. The Calbalance hydraulic separator must be made of carbon steel, adapted for water and glycol solutions at 50% and separate air and dirt. The Calbalance hydraulic separator must be constructed in accordance with Section VIII of the ASME Boiler and Pressure Vessel Code and be a model CB _____ AV or approved equivalent.

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