

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

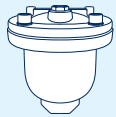
CB AVR

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 ✓ Replaceable media

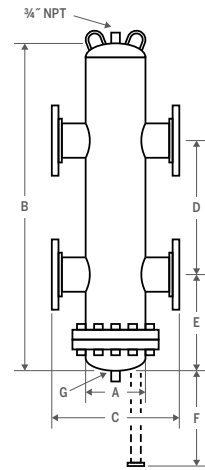
Features

- ▶ 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
- ▶ The media can be removed for maintenance or replacement
- ▶ 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
CB200AVR	2	69	261	6%	168	34	864	14	356	16	406	9	229	-	-	0.75	19	165	75
CB250AVR	2½	108	409	8%	219	34	864	14	356	16	406	9	229			0.75	19	226	103
CB300AVR	3	144	545	10%	273	48	1219	18	457	24	610	12	305			0.75	19	353	160
CB400AVR	4	255	965	12%	324	49	1245	20	508	25	635	12	305			1	25	458	208
CB500AVR	5	398	1507	16	406	68	1727	24	610	32	813	18	457			1	25	578	263
CB600ARV	6	570	2158	18	457	89	2261	28	711	41	1041	24	610	14	356	1	25	840	382
CB800AVR	8	945	3577	24	610	115	2921	36	914	55	1397	30	762	14	356	1	25	1311	596
CB1000AVR	10	1440	5451	30	762	144	3658	42	1067	72	1829	36	914	14	356	1	25	1955	889
CB1200AVR	12	2100	7949	30	762	157	3988	42	1067	73	1854	42	1067	14	356	2	51	2845	1293
CB1400AVR	14	2550	9653	42	1067	211¾	5378	54	1371	131¼	3334	42	1067	14	356	2	51	4138	1881
CB1600AVR	16	3300	12492	48	1219	236¾	6013	60	1524	150	3810	45¾	1146	14	356	2	51	5142	2337

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%, separate air and dirt and allow the replacement of internal components. 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 _____ AVR or approved equivalent.

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