

CALBALANCE / CBAVR

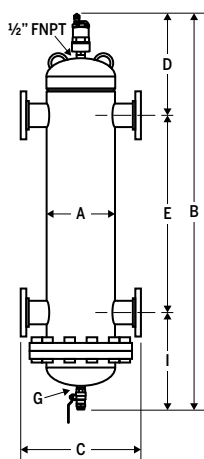
WITH FLANGE AND AIR & DIRT SEPARATOR REPLACEABLE INTERNAL

- ▶ Design conforms to ASME, section VIII
- ▶ Separates air and dirt
- ▶ Adapted fluids: water and 50% glycol solution
- ▶ Equipped with a Calvent automatic vent (#CV050)
- ▶ Supplied with a drain valve
- ▶ 6" or larger connection models supplied on stand
- ▶ Simple to install
- ▶ Easy maintenance
- ▶ Reduces energy consumption as the pumps are only used in required zones
- ▶ Eliminates the need to install an automatic air vent and a dirt separator

TECHNICAL SPECIFICATIONS

- ▶ Coalescent media: stainless steel
- ▶ Carbonized steel housing
- ▶ Maximum design temperature: 232°C (450°F)
- ▶ Maximum operating pressure: 150 PSI/10bar
- ▶ Pressure of 200 and 250 psig also available

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



Model#	Conn.	Flow		Dimension														Approx. weight		
				A		B		C		D		E		F		G				I
	in	GPM	LPM	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lb	kg	
CB200AVR	2	69	261	6 5/8	168	4 3/4	1137	1 3/4	375	1 3/4	375	2 3/8	527	-	-	1/2	9	235	162	74
CB250AVR	2 1/2	108	409	6 5/8	168	4 9/16	1264	1 3/4	375	1 5/8	387	2 3/8	629	-	-	1/2	10	248	187	85
CB300AVR	3	144	545	10 3/8	273	6	1524	1 7/8	476	1 7/8	441	3 3/8	781	-	-	1/2	12	302	354	161
CB400AVR	4	255	965	10 3/8	273	8 1/4	2064	2 3/8	578	2 3/8	584	4 3/8	1022	-	-	1	18	457	464	211
CB500AVR	5	398	1507	14	356	9 1/2	2324	2 6	660	2 3	584	5 1/2	1283	-	-	1	18	457	544	247
CB600AVR	6	570	2158	18	457	10 3/4	2661	3 0	762	2 4 1/2	622	6 3/8	1543	14	356	1	20	495	625	284
CB800AVR	8	945	3577	24	610	13 3/8	3397	3 6	914	2 9 3/8	746	8 0	2032	14	356	1	24	619	1075	489
CB1000AVR	10	1440	5451	30	762	16 3/8	4070	4 2	1067	3 2 1/2	826	10 3/8	2546	14	356	1	28	699	1733	788
CB1200AVR	12	2100	7949	30	762	19 2	4877	4 2	1067	3 8	965	11 9 1/2	3035	14	356	2	35	876	1988	904
CB1400AVR	14	2550	9653	42	1067	21 1 3/8	5378	5 4	1372	4 2	1067	13 1 3/8	3334	14	356	2	39	978	4138	1881
CB1600AVR	16	3300	12492	48	1219	23 6 3/8	6013	6 0	1524	4 5 1/8	1146	15 0	3810	14	356	2	42	1057	5142	2337

QUANTITY: _____ MODEL: CB _____ AVR

MAXIMUM PRESSURE: 250 PSI / 17 bar 200 PSI / 13 bar 150 PSI / 10 bar Other*: _____

Notes: _____

Project: _____

Representative: _____

Location: _____

Date submitted: _____

Engineer: _____

Approved by: _____

Contractor: _____

Date of approval: _____

*Subject to the manufacturer's approval.

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.