

CALBALANCE / CBAV

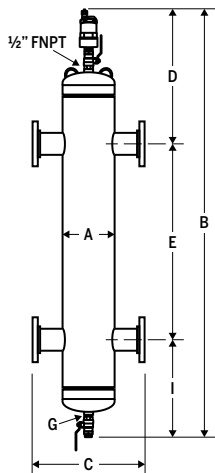
WITH FLANGE AND ASME AIR & DIRT SEPARATOR

- ▶ Design conforms to ASME, section VIII
- ▶ Separates air and dirt
- ▶ Adapted fluids: water and 50% glycol solution
- ▶ Equipped with a Calvent automatic air vent (#CV050)
- ▶ Supplied with a drain valve
- ▶ Models with connection of 6 in or more 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/10 bar
- ▶ 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	
CB200AV	2	69	261	6%	168	44%	1137	14%	375	14%	375	20%	527	-	-	1/2	9	235	90	41
CB250AV	2½	108	409	6%	168	49%	1264	14%	375	15%	387	24%	629	-	-	1/2	10	248	115	52
CB300AV	3	144	545	10%	273	60	1524	18%	476	17%	441	30%	781	-	-	1/2	12	302	225	102
CB400AV	4	255	965	10%	273	81%	2064	22%	578	23	584	40%	1022	-	-	1	18	457	330	150
CB500AV	5	398	1507	14	356	91½	2324	26	660	23	584	50½	1283	-	-	1	18	457	415	189
CB600AV	6	570	2158	18	457	104%	2661	30	762	24½	622	60%	1543	14	356	1	20	495	420	191
CB800AV	8	945	3577	24	610	133%	3397	36	914	29%	746	80	2032	14	356	1	24	619	575	261
CB1000AV	10	1440	5451	30	762	160%	4070	42	1067	32½	826	100%	2546	14	356	1	28	699	935	425
CB1200AV	12	2100	7949	30	762	192	4877	42	1067	38	965	119%	3035	14	356	2	35	876	1165	530
CB1400AV	14	2550	9653	42	1067	211%	5378	54	1372	42	1067	131%	3334	14	356	2	39	978	2430	1105
CB1600AV	16	3300	12492	48	1219	236%	6013	60	1524	45%	1146	150	3810	14	356	2	42	1057	3260	1482

QUANTITY: _____ MODEL: CB _____ AV

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% 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.