

# ASME CALBALANCE WITH FLANGE HYDRAULIC SEPARATOR WITH MAGNET



Job Name: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Engineer: \_\_\_\_\_  
 Contractor: \_\_\_\_\_  
 Sales Rep.: \_\_\_\_\_

Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Approved by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Order No.: \_\_\_\_\_ Date: \_\_\_\_\_  
 Notes: \_\_\_\_\_

**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.

**Features**

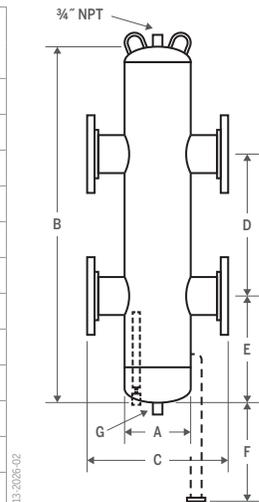
- ▶ Design conforms to ASME, section VIII
- ▶ Reduces energy consumption as the pumps are only used in required zones
- ▶ Models with connections of 6 in or greater supplied on stand

**Technical Specifications**

- ▶ Carbonized steel housing
- ▶ Exterior finish in painted primer
- ▶ Magnet
- ▶ 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			
		in	GPM	A	B	C	D	E	F	G	lb	kg							
CB200A-MAG	2	34	7.7	6%	168	34	864	14	356	16	406	9	229			0.75	19	116	53
CB250A-MAG	2½	90	20.4	8%	219	34	864	14	356	16	406	9	229			0.75	19	153	70
CB300A-MAG	3	130	29	10%	273	48	1219	18	457	24	610	12	305	-	-	0.75	19	247	112
CB400A-MAG	4	255	58	12%	324	49	1245	20	508	25	635	12	305			1	25	307	140
CB500A-MAG	5	398	90	16	406	68	1727	24	610	32	813	18	457			1	25	352	160
CB600A-MAG	6	570	129	18	457	89	2261	28	711	41	1041	24	610	14	356	1	25	532	242
CB800A-MAG	8	945	214	24	610	115	2921	36	914	55	1397	30	762	14	356	1	25	915	416
CB1000A-MAG	10	1440	326	30	762	144	3658	42	1067	72	1829	36	914	14	356	1	25	1424	647
CB1200A-MAG	12	2100	476	30	762	157	3988	42	1067	73	1854	42	1067	14	356	2	51	2090	950
CB1400A-MAG	14	2550	578	42	1067	211%	5378	54	1371	131%	3334	42	1067	14	356	2	51	2430	1102
CB1600A-MAG	16	3330	748	48	1220	236%	6013	60	1524	150	3810	45½%	1146	14	356	2	51	3260	1479



**TYPICAL SPECIFICATIONS**

Provide and install, in accordance with the drawings, a hydraulic separator with magnet, Calefactio model CB\_\_\_\_\_ A-MAG, sized to achieve a flow rate of \_\_\_\_\_ gallons per minute (litres per minute) and equipped with tangential connections of \_\_\_\_\_ (in/mm) (NPT or flanged). The separator shall be manufactured in compliance with Section VIII of the ASME Boiler and Pressure Vessel Code, and shall be fabricated and stamped for operation at a working pressure of 125 PSI and a temperature of 450°F. A blowdown/drain connection shall be provided to allow periodic cleaning of the unit. Each hydraulic separator with magnet shall be a Calefactio unit, model CB\_\_\_\_\_ A-MAG, or an approved equivalent.