CALBALANCE

ASME WITH FLANGE

QUALITY	INNOVATION	RELIABILITY

Project: _____

Location: _____

Engineer: _____

Contractor: _____

Representative: _____

Dated submitted: _____

Approved by: _____

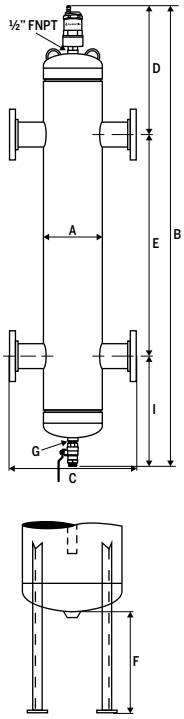
Date of approval: _____

DESCRIPTION

Calbalance with flange hydraulic separators are used in heating and cooling systems where primary and secondary circuits are linked. Calbalance with flange are designed to maintain these loops completely independent from one another.

TECHNICAL SPECIFICATIONS

- Equipped with Calvent automatic airvent (#CV050)
- Separate air
- Carbon steel housing
- Adapted fluids: water and glycol solutions at 50%
- Maximum operating temperature: 0-132°C/32-270°F
- Maximum operating pressure: 150 psi/10 bar (200 psi/13 bar & 250 psi/17 bar) available
- 6 in and larger connections are on legs



SPECIFICATIONS

MODEL	DIMENSION																	WEIGHT		FLOW RATE	
	Connect.	A		B		C		D		E		F		G	I						
	in	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	in	mm		lbs	kg	GPM	m³/h
CB200A	2	6⅝	168	42	1066	14¾	375	12¼	311	20¾	527	–	–	½	8⁵⁄₁₆	211		90	40.8	34	7.7
CB250A	2½	6⅝	168	46¾	1187	14¾	375	12¾	324	24¾	628				9¼	234		115	52.2	90	20.4
CB300A	3	10¾	273	57	1447	18¾	476	14⅞	378	30¾	781				11⁵⁄₁₆	288		225	102.1	130	29
CB400A	4	10¾	273	78½	1994	22¾	578	20½	521	40¼	1022			1	17¾	451		330	149.7	255	58
CB500A	5	14	356	88½	2247	26	660	20½	521	50½	1283				17¾	451		415	188.2	398	90
CB600A	6	18	457	102	2591	30	762	22	559	60¾	1643	14	356		19¼	489		420	190.5	570	129
CB800A	8	24	610	131	3328	36	914	26⅞	683	80	2032				24⅛	613		575	260.8	945	214
CB1000A	10	30	762	157½	4001	42	1067	30	762	100¼	2546				27¼	692		935	424.1	1440	326
CB1200A	12	30	762	189⅛	4804	42	1067	35½	902	119½	3035			2	34⅛	867		1165	528.4	2100	476
CB1400A	14	42	1067	208⅞	5306	54	1371	39½	1004	131¼	3334				38⅛	969		2430	1102.2	2550	578
CB1600A	16	48	1220	233⅞	5941	60	1524	42⅝	1083	150	3810				41¼	1048		3260	1478.7	330	748

TYPICAL SPECIFICATIONS

Furnish and install as shown on plans a Calbalance hydraulic separator from Calefactio. The hydraylic separator must be equipped with a Calvent automatic air vent (#CV050) and a ball valve. Each hydraulic separator must resist a 100°C/212°F maximum operating temperature. The Calbalance hydraulic separator must be made of zinc plated steel and adapted for water and glycol solutions at 50%. The hydraulic separator must be constructed in accordance with Section VIII of the ASME Boiler and Pressure Vessel Code and stamped _____ psi working pressure. The Calbalance hydraulic separator Calbalance must be a model CB_____A or approved equivalent.

SUB-CALBALANCE-ASME-2019-05-E

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CALEFACTIO