

# CALBALANCE

<b>QUALITY</b>	<b>INNOVATION</b>	<b>RELIABILITY</b>
----------------	-------------------	--------------------

Project: \_\_\_\_\_

Representative: \_\_\_\_\_

Location: \_\_\_\_\_

Dated submitted: \_\_\_\_\_

Engineer: \_\_\_\_\_

Approved by: \_\_\_\_\_

Contractor: \_\_\_\_\_

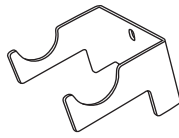
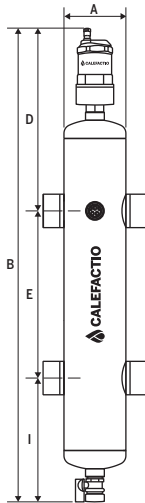
Date of approval: \_\_\_\_\_

## DESCRIPTION

Hydraulic separators are used to isolate primary circuits (boiler) from secondary circuits (application/heat transmitter) as much for flow than for charge loss. The size of hydraulic separators should be determined by the maximal inlet flow. The information used must be the highest, no matter if it's from the primary or secondary circuit.

## TECHNICAL SPECIFICATIONS

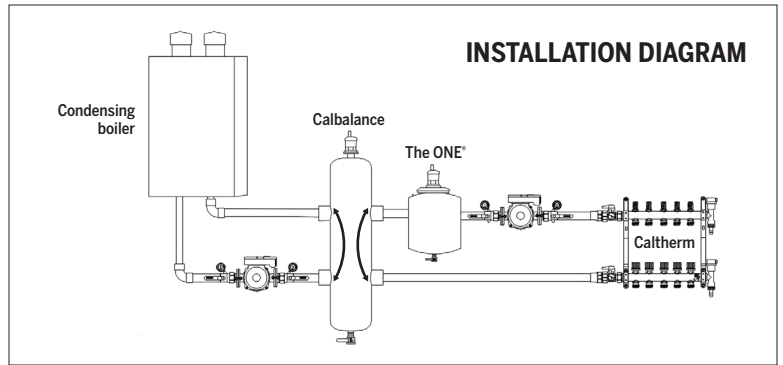
- Equipped with Calvent automatic air vent (#CV050)
- Separate air
- Offered with drain valve
- Zinc plated steel housing
- Provided with wall bracket
- Maximum operating pressure: 150 psi/10 bar
- Maximum operating temperature with insulation: 100°C/212°F
- Maximum operating temperature without insulation: 132°C/270°F
- Adapted fluids: water and glycol solutions at 50%
- Optional preformed insulation made of polyurethane to minimize heat loss



Wall bracket included

## SPECIFICATIONS

MODEL	Connect. FNPT	DIMENSION										WEIGHT		FLOW RATE	
		A		B		D		E		I		lbs	kg	GPM	m³/h
		in	mm	in	mm	in	mm	in	mm	in	mm				
<b>CB100</b>	1	3	76	26	660	10½	267	8¾	220	6¾	172	8	3.8	11	2.5
<b>CB125</b>	1¼	3½	89	28	710	11¼	282	9½	240	7¾	188	11	4.9	18	4
<b>CB150</b>	1½	4½	114	30	760	11¾	298	10¼	260	8	203	14	6.4	26	6
<b>CB200</b>	2	5½	140	32	810	11¾	298	11¾	300	8¾	213	19	8.7	39	9



## OPTION

- Preformed insulation made of polyurethane

## 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), a drain valve and a wall support. Each hydraulic separator must resist a 100°C/212°F maximum operating temperature and a 150 psi/10 bar operating pressure. The Calbalance hydraulic separator must be made of zinc plated steel and adapted for water and glycol solutions at 50%. The Calbalance hydraulic separator Calbalance must be a model CB\_\_\_\_\_ or approved equivalent.

Quebec (Canada)

T 450 951.0818

F 450 951.2165

info@calefactio.com

calefactio.com

