

# CALBALANCE 2 ZONES

**QUALITY**

**INNOVATION**

**RELIABILITY**

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

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

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

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

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

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

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

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

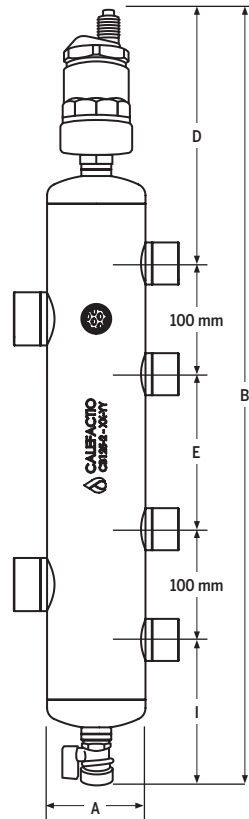
## DESCRIPTION

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

Included

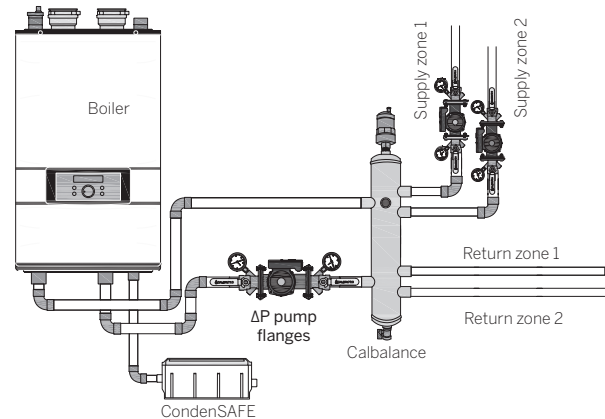
- > Calvent automatic air vent (#CV050)
- > Wall Support
- > ¾" Drain valve
- Serves two distinct zones with 1" outlets
- Separates air and dirt
- Equipped with ½" FNPT thermometer port
- Painted steel housing
- Maximum operating pressure: 150 psi/10 bar
- Maximum operating temperature: 100°C/212°F
- Adapted fluids: water and glycol solutions at 50%



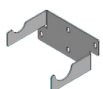
## SPECIFICATIONS

MODEL	DIMENSION										WEIGHT		FLOW		
	Connect. FNPT	A		B		D		E		I		lbs	kg	GPM	m³/h
	in	in	mm	in	mm	in	mm	in	mm	in	mm				
CB1002Z	1	3	76	25¼	653	8⅞	206	4¾	120	5	127	8,8	4	11	2,5
CB1252Z	1¼	3½	89	27½	698	8½	218	5½	140	5½	140	11,2	5,1	18	4

## INSTALLATION DIAGRAM



### Included



Wall Support



Drain Valve



Calvent

## TYPICAL SPECIFICATIONS

Furnish and install as shown on plans a Calbalance hydraulic separator from Calefactio. The hydraulic separator must serve 2 zones and 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\_\_\_\_\_2Z or approved equivalent.

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