

## Submittal Data

# CALBALANCE 4 IN 1 HYDRAULIC SEPARATOR

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

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

### OPERATION

#### DESCRIPTION

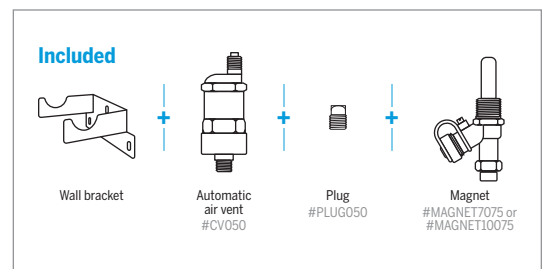
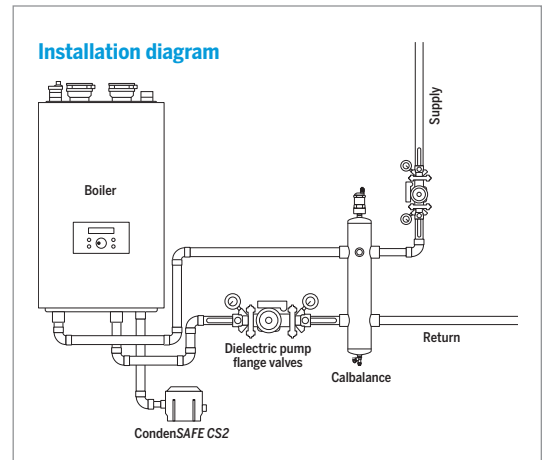
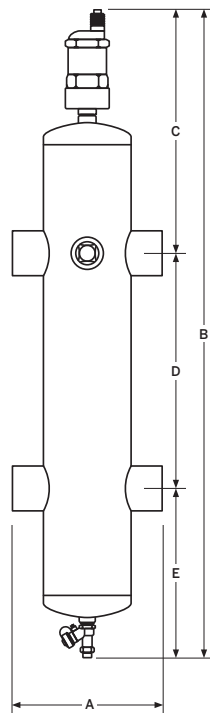
New 4 in 1 hydraulic separator from Calefactio separates water, air, dirt and ferrous debris. The coalescence process produced by the media allows air and micro-bubbles to fuse and then be evacuated through the Calvent automatic air vent.

Dirt particles will collide and fall at the bottom of the separator where they can be removed using the drain during service.

Magnet will also facilitate the separation and accumulation of ferrous and non-ferrous debris.

#### TECHNICAL SPECIFICATIONS

- ▶ Equipped with Calvent automatic air vent
- ▶ Painted steel frame
- ▶ Coalescing media
- ▶ Thermometer port
- ▶ Maximum operating pressure: 150 PSI
- ▶ Maximum operating temperature with insulation: 100°C (212°F)
- ▶ Maximum operating temperature without insulation: 132°C (270°F)
- ▶ Connection: NPT, 1" to 2"
- ▶ Adapted fluids: water and up to 50% glycol solution
- ▶ Magnet including drain valve
- ▶ Provided with wall bracket
- ▶ Preformed insulation made of polyurethane (option)

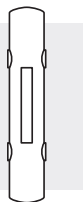


Model#	Connect. FNPT	Flow		Dimension										Weight	
				A		B		C		D		E			
				in	GPM : m³/h	in	mm	in	mm	in	mm	in	mm	in	mm
CB100-4	1	11	2.5	5.4	136	26.7	677	10.2	258.5	8%	220	7.8	198.5	9.5	4.3
CB125-4	1½	18	4	5.9	148.9	28.4	722	10.7	271	9½	240	8.3	211	11.9	5.4
CB150-4	1½	26	6	6.9	174.3	30.5	774	11.3	287	10¼	260	8.9	227	15.9	7.2
CB200-4	2	39	9	7.9	199.7	32.4	824	11.3	287	11½	300	9.3	237	21.0	9.5

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#### OPTION

- Preformed polyurethane insulation



#### TYPICAL SPECIFICATIONS

Furnish and install as shown on plans a 4 in 1 Calbalance hydraulic separator from Calefactio. The hydraulic separator must be equipped with an automatic air vent, one plug, a magnet including drain valve, and a wall bracket. Each hydraulic separator must resist a 100°C/212°F maximum operating temperature and a 150 PSI/10 bar operating pressure. It must be made of painted steel frame, and adapted for water and glycol solutions up to 50%. The 4 in 1 Calbalance hydraulic separator must be a model CB \_\_\_\_\_-4 or approved equivalent.