

Submittal Data



CALBALANCE HYDRAULIC SEPARATOR

Job Name: _____
 Location: _____
 Engineer: _____
 Contractor: _____
 Sales Rep.: _____

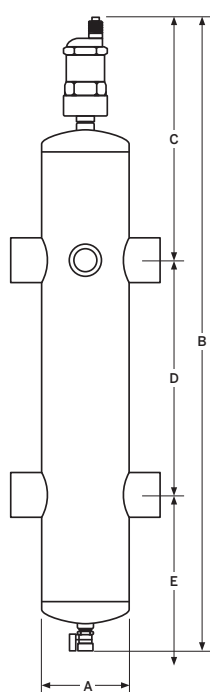
Submitted by: _____ Date: _____
 Approved by: _____ Date: _____
 Order No.: _____ Date: _____
 Notes: _____

DESCRIPTION

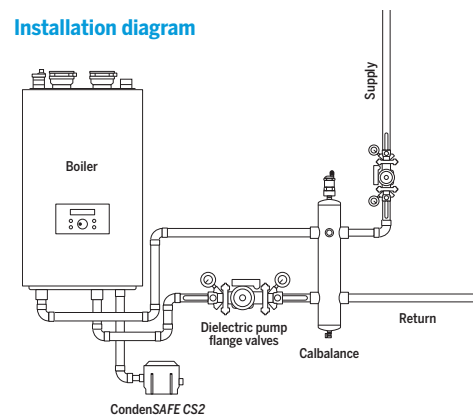
Hydraulic separators are used to isolate primary circuit flow from secondary circuit flow. Great for heating and snow melting applications with multiple temperature zones.

TECHNICAL SPECIFICATIONS

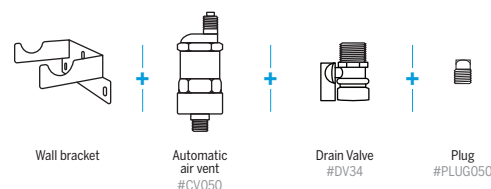
- ▶ Equipped with Calvent automatic air vent
- ▶ Painted steel frame
- ▶ Thermometer port
- ▶ Maximum operating pressure: 150 PSI
- ▶ Maximum operating temperature with insulation: 100°C (212°F)
- ▶ Maximum operating temperature without insulation: 132°C (270°F)
- ▶ Connection: NPT, 1" to 2"
- ▶ Adapted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



Installation diagram



Included



OPTION

☐ Preformed polyurethane insulation



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	lb	kg
CB100	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	1½	18	4	5.9	148.9	28.4	722	10.7	271	9½	240	8.3	211	11.9	5.4
CB150	1½	26	6	6.9	174.3	30.5	774	11.3	287	10¼	260	8.9	227	15.9	7.2
CB200	2	39	9	7.9	199.7	32.4	824	11.3	287	11½	300	9.3	237	21.0	9.5

TYPICAL SPECIFICATIONS

Furnish and install as shown on plans a Calbalance hydraulic separator from Calefactio. The hydraulic separator must be equipped with an automatic air vent, one plug, a 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 Calbalance hydraulic separator must be a model CB_____ or approved equivalent.