

Hydraulic Separator

QUALITY

INNOVATION

RELIABILITY

FUNCTIONING

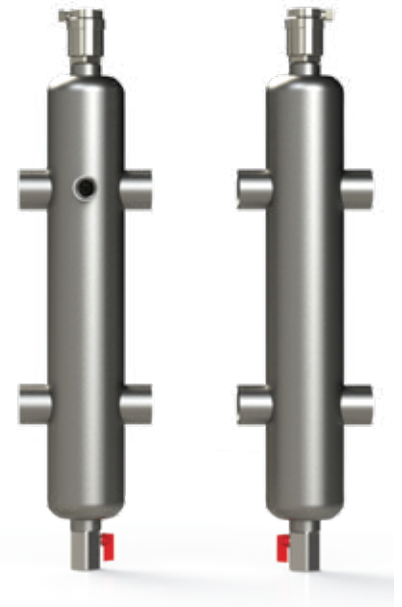
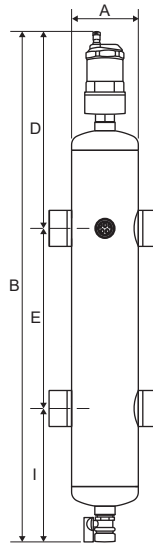
Hydraulic separators are devices used to separate and isolate different fluid streams, usually hot water & cold water. They are designed to improve system efficiency and reduce maintenance by preventing the mixing of fluids of different temperatures or compositions, which can cause a variety of problems, including uneven heating or cooling, corrosion, and sediment buildup. It creates a barrier between two fluid streams so that they can flow independently without affecting each other's properties. The device consists of a rectangular vessel with a baffle inside that creates a buffer zone between the two streams. The buffer zone allows the fluids to mix and equilibrate their temperatures without creating turbulence or disturbance in the main streams

TECHNICAL SPECIFICATIONS

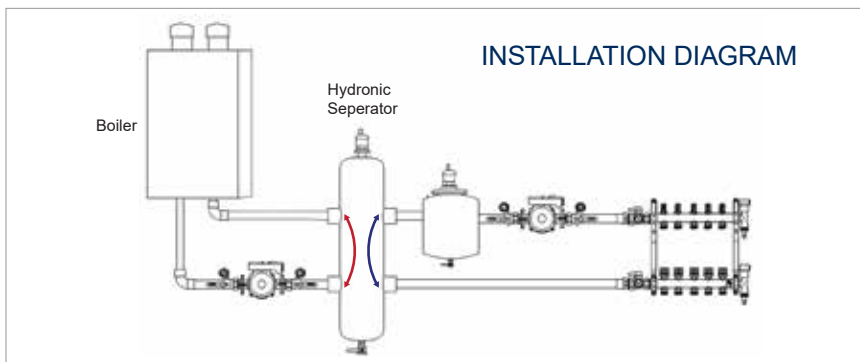
- Separate air and dirt
- Offered with drain valve
- Stainless steel housing
- Provided with wall bracket
- Maximum operating pressure 150 psi
- Maximum operating temperature 132°C (270°F)
- Equipped with automatic air vent

BENEFITS

- ½" FNPT thermometer port
- Eliminate the need to install automatic air vent and air & dirt separator
- Simple to install
- Easy maintenance
- Minimize energy consumption because the pumps will only work for the required zones



MODEL	FNPT Connect.	DIMENSION										WEIGHT		FLOW RATE	
		A		B		D		E		I					
		in	mm	in	mm	in	mm	in	mm	in	mm	lbs	kg	GPM	m³/h
CB100	1	3.1	80	23	585	7.5	192	8.7	220	6.8	172	6.6	2.8	11	2.5
CB125	1¼	3.1	80	25	636	8.3	207	9.5	240	7.4	187	7.5	3.4	18	4
CB150	1½	4.3	110	27	686	8.7	222	10.2	260	8	202	10.3	4.7	26	6
CB200	2	5	127	29	736	8.9	227	11.8	300	8.1	207	12.8	5.8	39	9



Wall bracket included