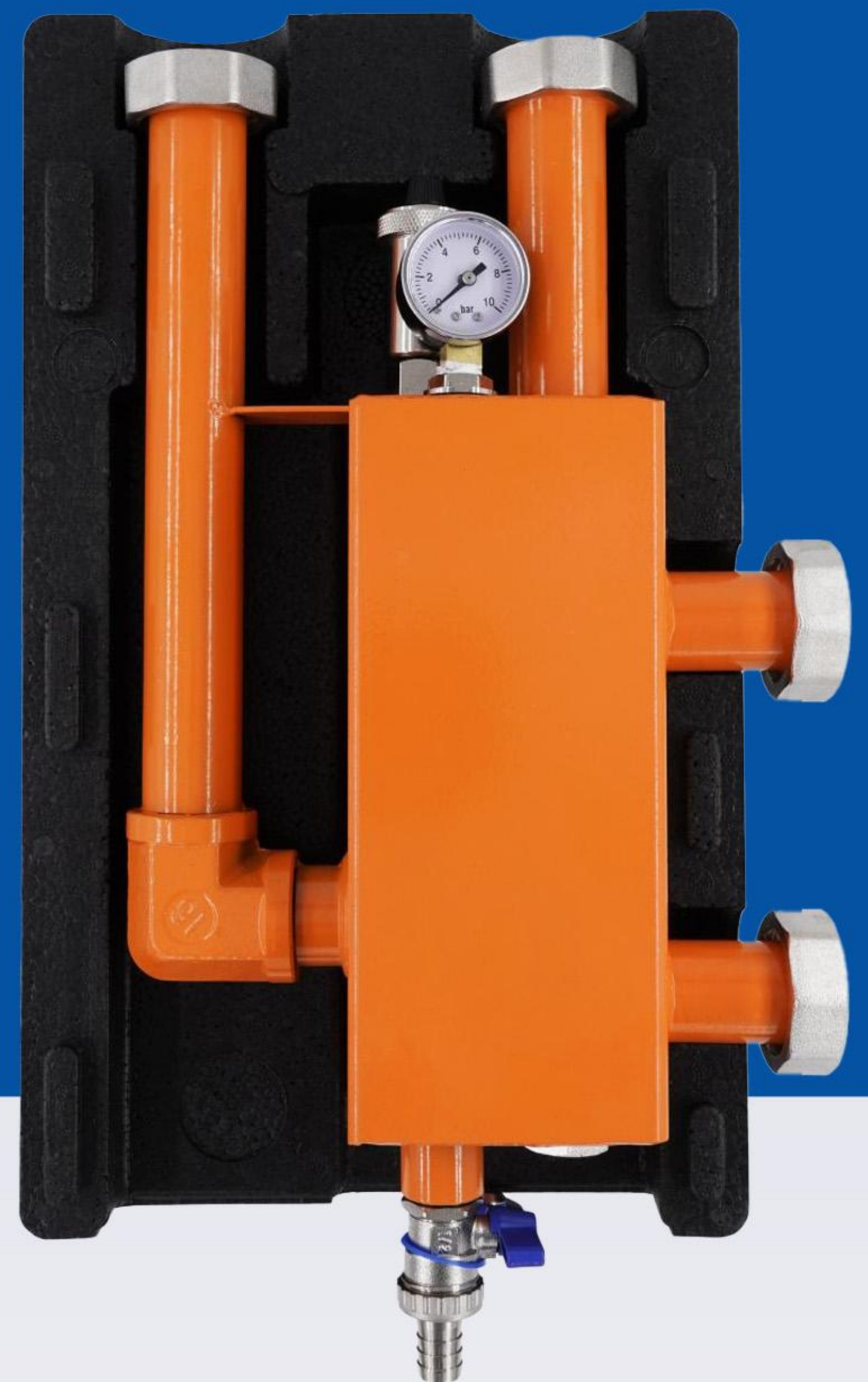


Collaboration and Innovation

ZL-1187B

Data sheet

Coupling tank



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ZL-1187B Data sheet

Coupling tank

● Function

The use in heating systems helps to achieve hydraulic separation, eliminate hydraulic interference between different circulation circuits, balance flow, ensure that each branch provides heating according to demand, and improve the operational efficiency of the system. The main body of the coupling tank is used to contain and mix water to achieve hydraulic separation and flow balance; Connect the vertical pipes on both sides to the system pipeline to achieve diversion/convergence; Pressure gauges are used to monitor internal pressure to ensure system stability; Valves are used for drainage, exhaust, or maintenance to maintain the normal operation of the system.



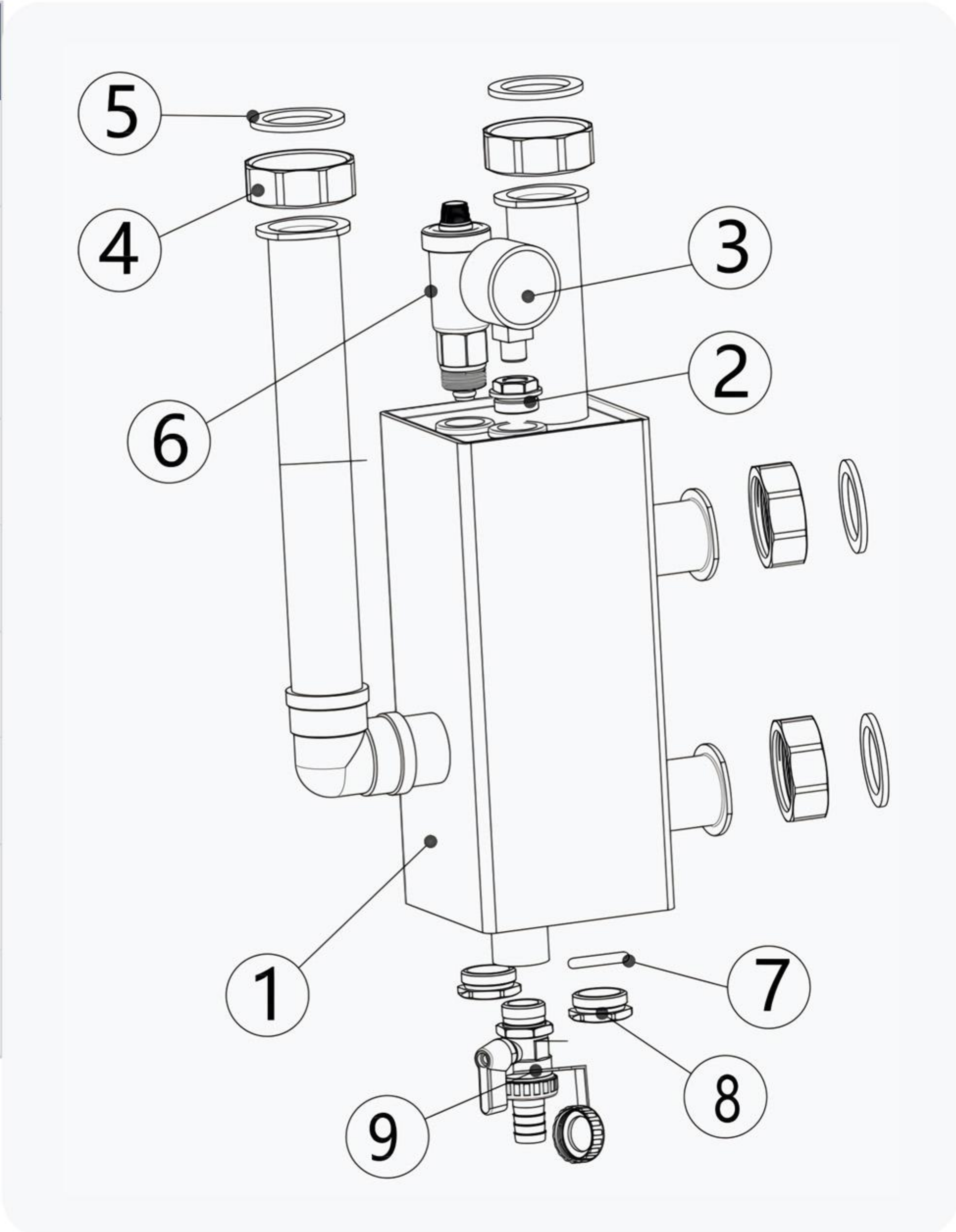
● Technical parameter

Parameter	Value
Medium	water
Working temperature range	5~100°C
Max working pressure	10 bar
Pressure range	0~10 bar

Parameter	Value
Body connector	G1 1/2" F (ISO 228-1)
Outlet connector	G1 1/2" F (ISO 228-1)
Central distance	125 mm
KVS	4.54 m³/h

● Configuration

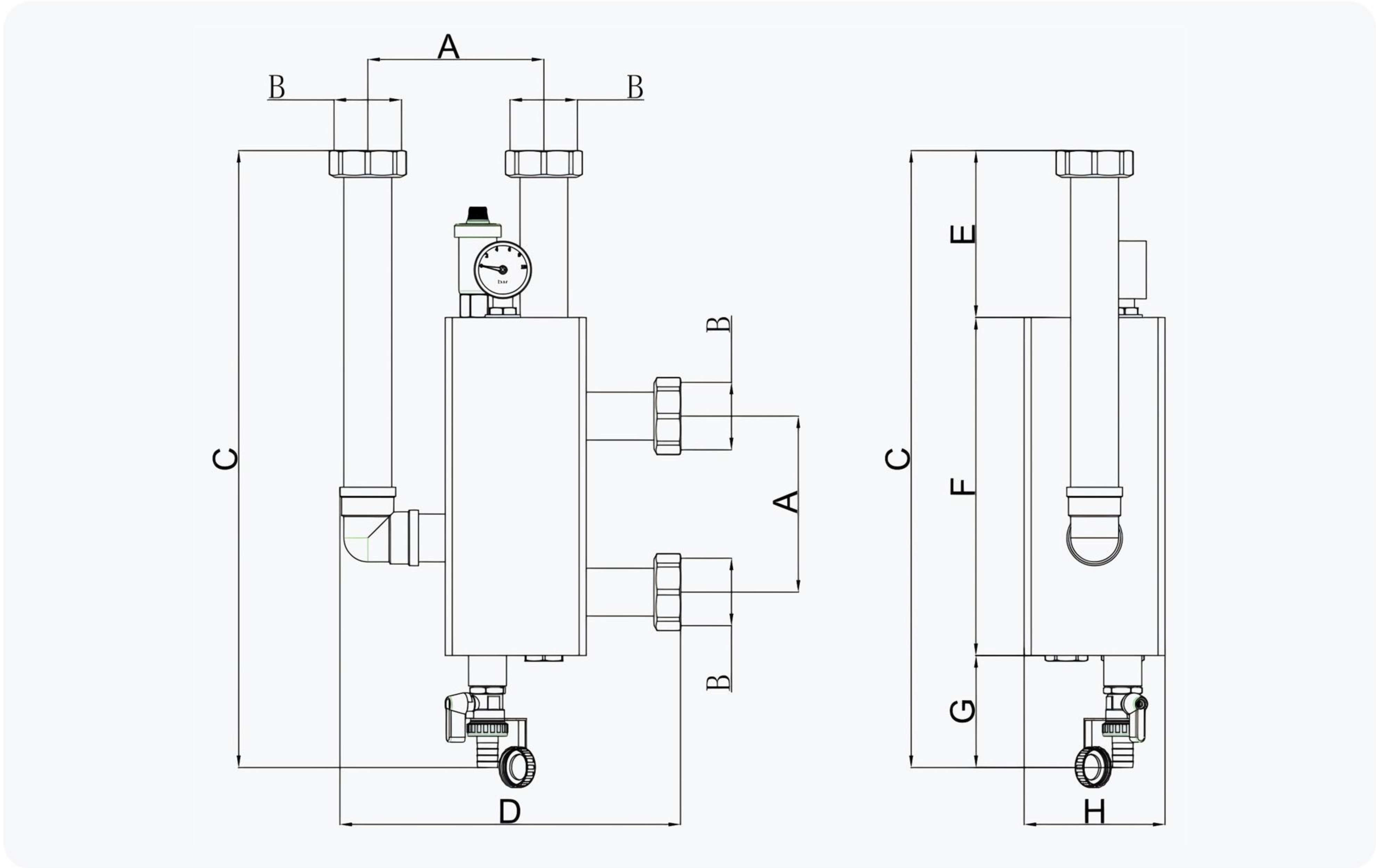
No.	Name	Material
1	Tank	Fe
2	Temperature measuring head	Brass
3	Radial pressure gauge	Brass
4	Octagonal nut	Brass
5	Gasket	EPDM
6	Air vent	Brass
7	O-ring	EPDM
8	plug	Brass
9	Drain valve	Brass



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Coupling tank

● **Size**



A	B	C	D	E	F	G	H
125	G1 1/2"	438	242	118	240	80	100

All dimensions are in mm unless otherwise stated.

● **KVS Test**

