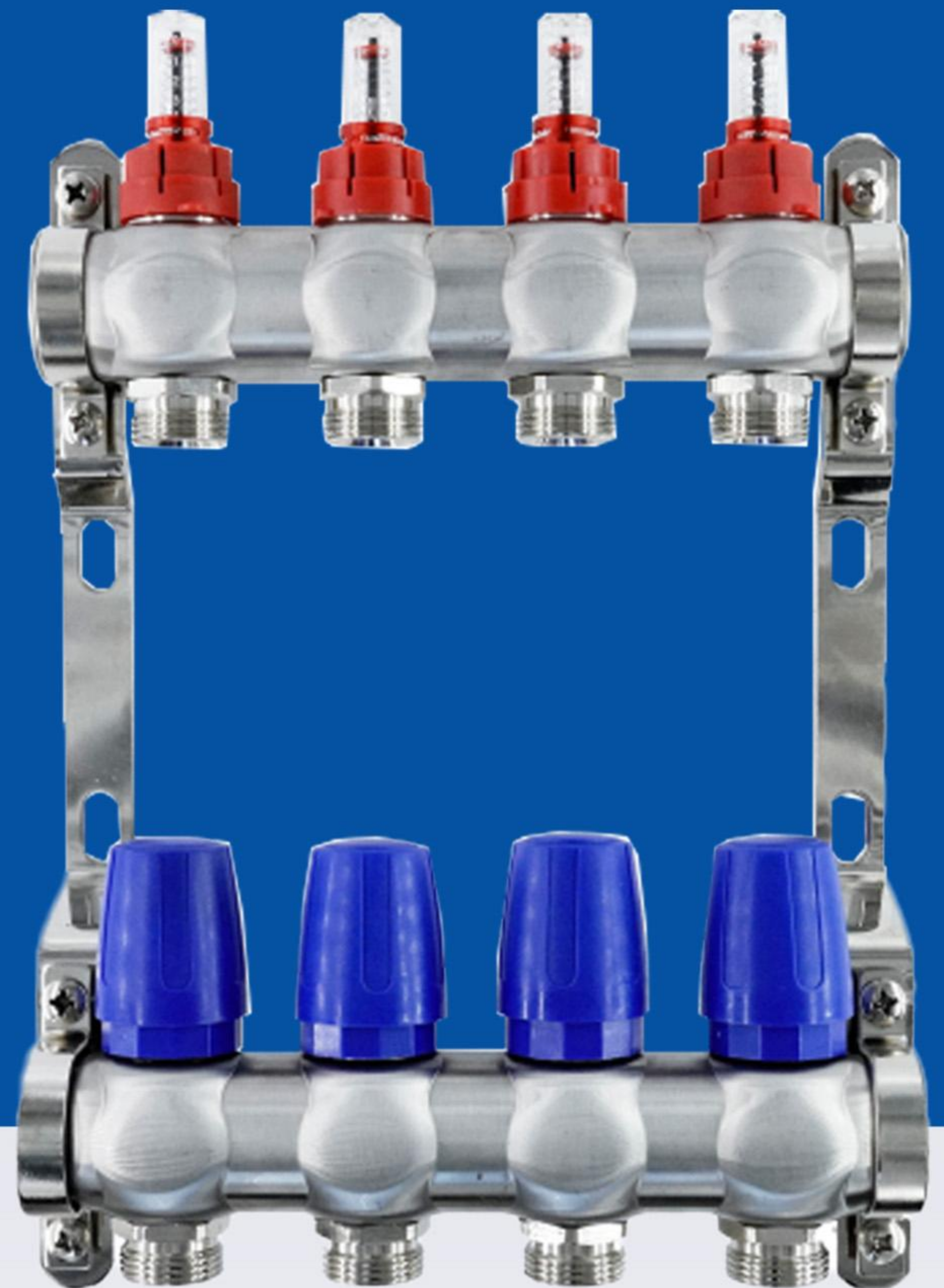


Collaboration and Innovation

ZL-1185S

Data sheet

Stainless steel manifold



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ZL-1185S Data sheet

Stainless steel manifold

Description

The manifold is used in heating systems and is suitable for radiators and heating systems. The water inlet of the manifold is equipped with a flow meter control valve core, which can accurately adjust the flow of each outlet. The flow meter control valve is equipped with a protective cover. When the flow adjustment is finished, the protective cover need to be tightened to prevent operating by mistake. The return water end is equipped with a spring valve core to cut off the flow to the individual circuits. They can also be installed with a thermal electric actuator to achieve automatic temperature control. And the stroke of the electric thermal actuator is 3mm.



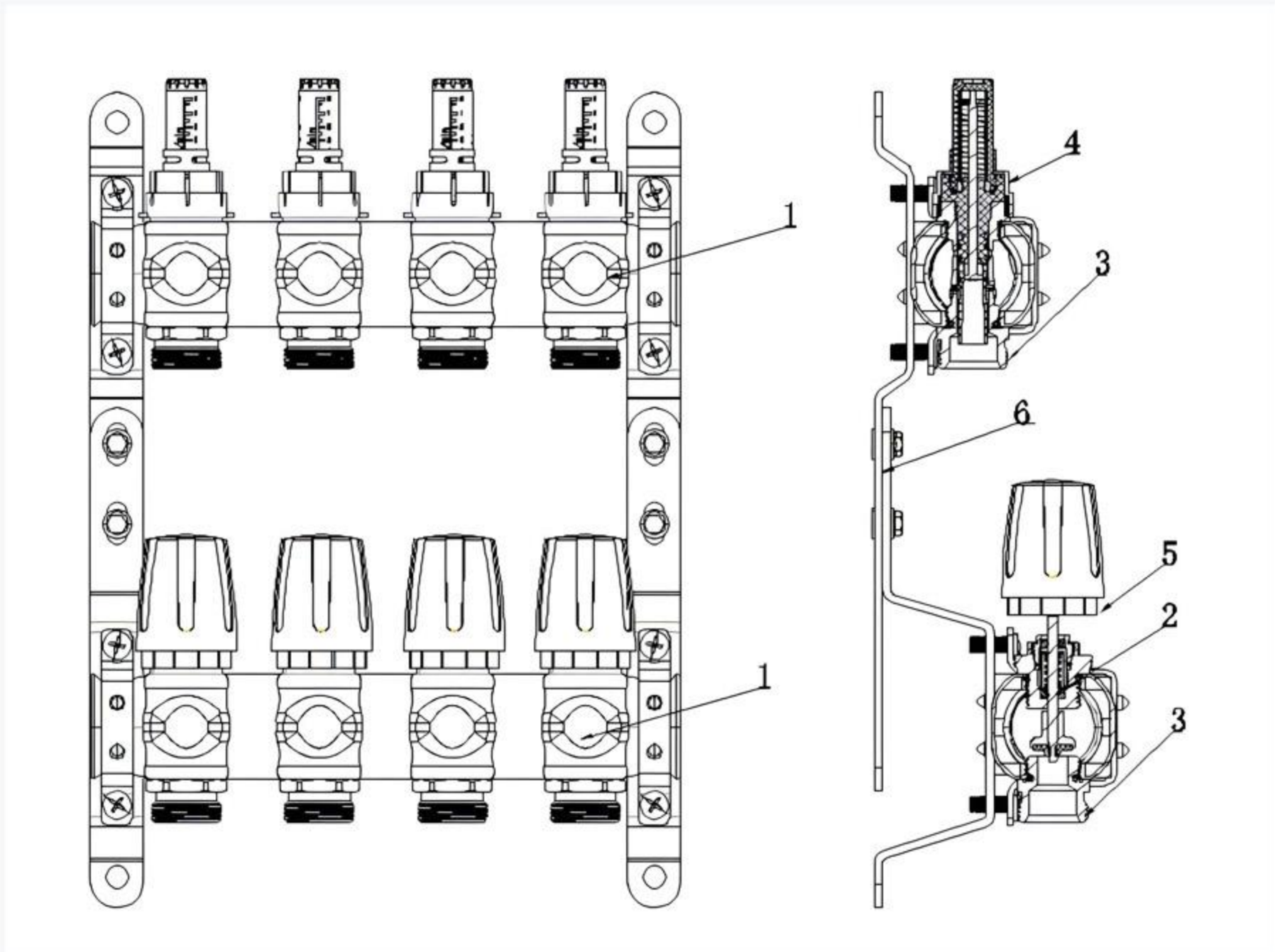
Technical Parameters

Performance	Value
Medium	Water, ethylene glycol solution
Working temperature range	5~100℃
Maximum working pressure	10bar
Flow meter measurement	0~5L/min

Performance	Value
Main body connection	G1"F (ISO 228-1)
Outlet connection	G3/4"M (ISO 228-1)
Center distance	50mm

The maximum percentage of ethylene glycol is 30%.

Components



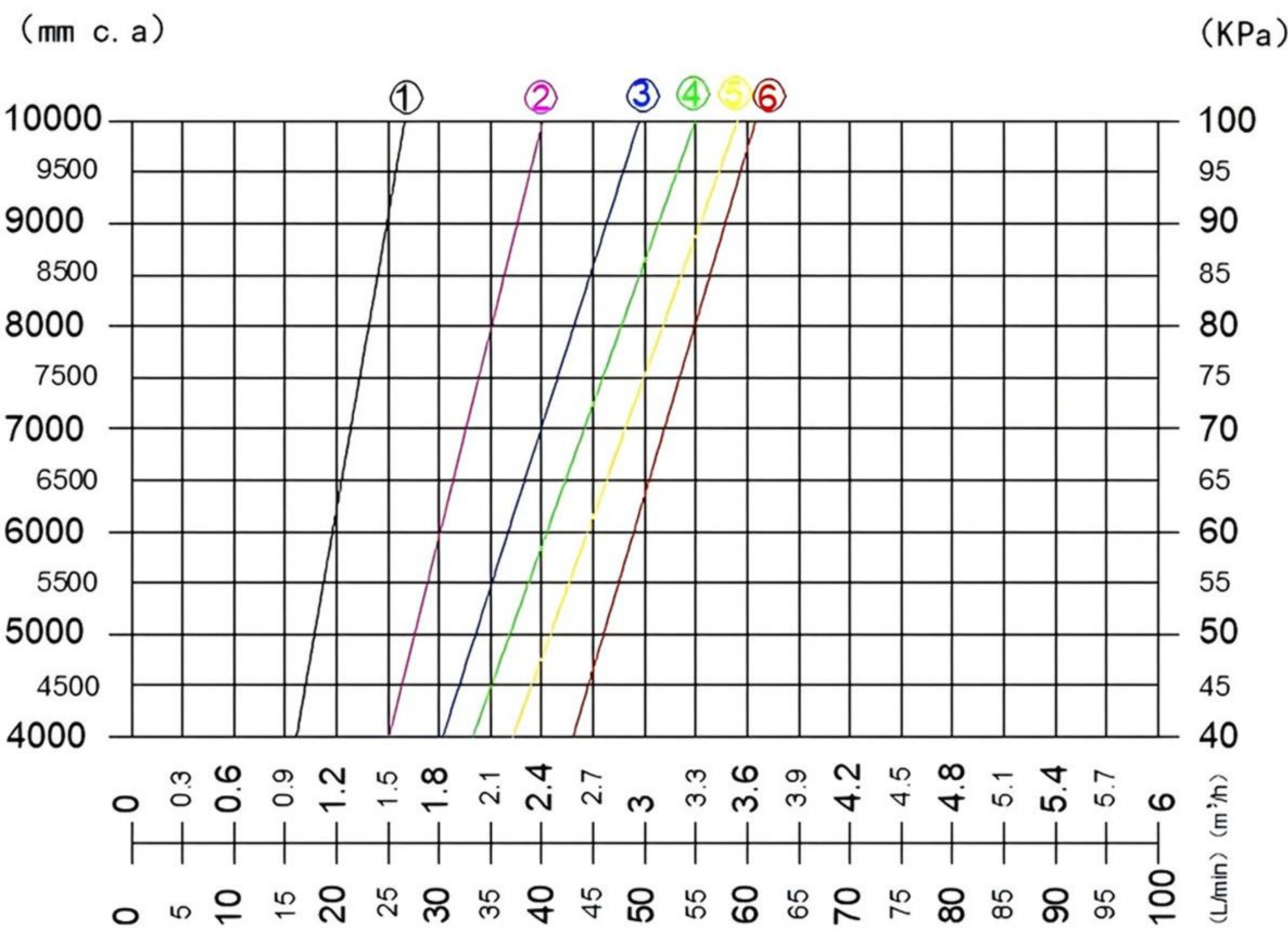
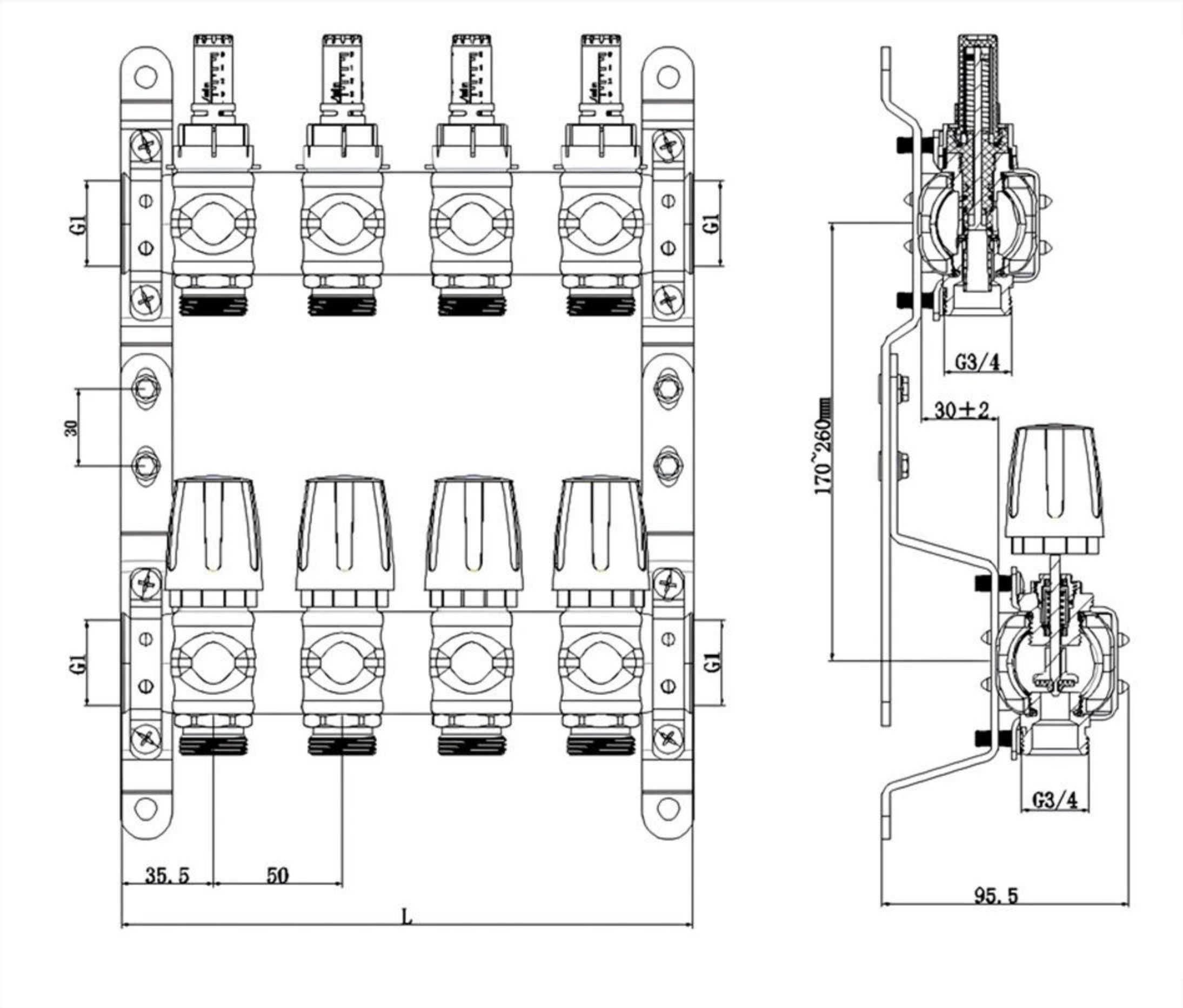
No.	Name	Material
1	Main body	304
2	Spring valve core	Brass
3	Adaptor	Brass
4	Flow valve core	Brass
5	Hand wheel	ABS
6	Brackets	A3

ZL-1185S Data sheet

Stainless steel manifold

● Dimensions

Code	No. of outlets	L/mm
ZL1185S002	2	121
ZL1185S003	3	171
ZL1185S004	4	221
ZL1185S005	5	271
ZL1185S006	6	321
ZL1185S007	7	371
ZL1185S008	8	421
ZL1185S009	9	471
ZL1185S010	10	521
ZL1185S011	11	571
ZL1185S012	12	621



● Flow curve

Turns	1	2	3	4	5	6
Kv	1.61	2.41	2.93	3.31	3.54	3.67