

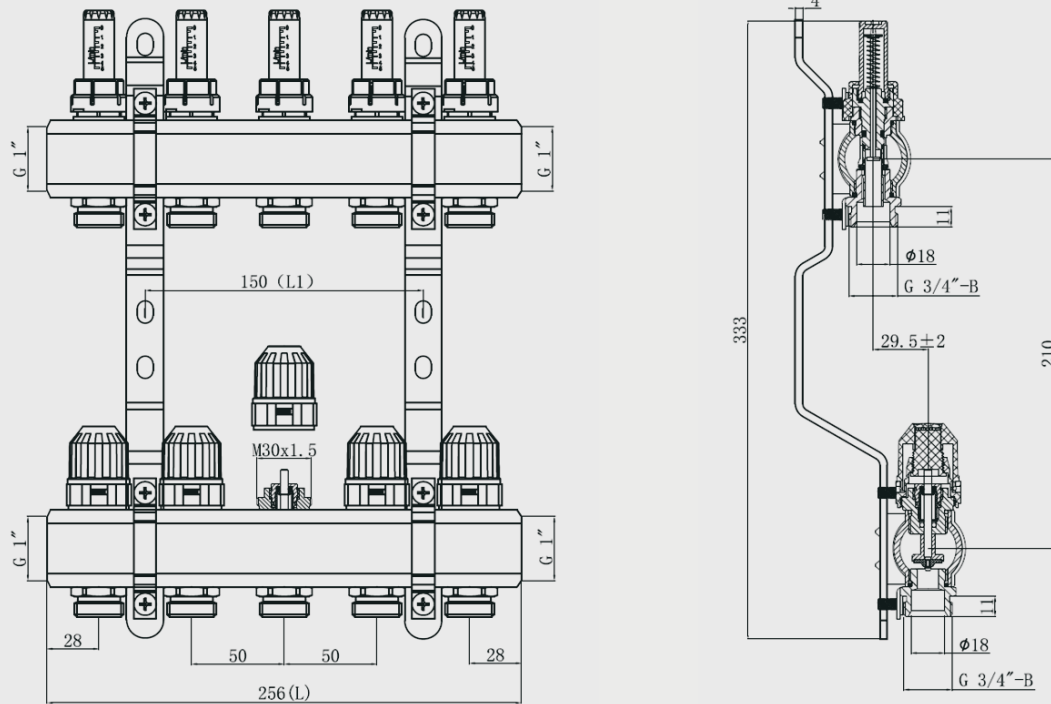
BRASS MANIFOLDS ZL-1125 SERIES

DATA SHEET





LINE DIAGRAM



DESCRIPTION

The manifold is designed specifically for heating systems, and suitable for radiator heating and radiant floor heating systems.

The flow manifold is equipped with flow rate regulating valves, can accurately adjust the flow rate of each outlet; flow meter regulating valve is designed with protective cover, tighten the protective cover after the flow adjustment is completed, can prevent misoperation.

The return manifold is equipped with manual shut-off valves, in order to cut off the flow to the individual circuits. They can also be fitted with a thermo-electric actuator to realize automatic temperature control, The stroke of electro-thermal actuator should $\geq 3\text{mm}$.

Code	Outlets	L/mm	L1/mm
ZL1125002	2	106	-
ZL1125003	3	156	50
ZL1125004	4	206	100
ZL1125005	5	256	150
ZL1125006	6	306	200
ZL1125007	7	356	250
ZL1125008	8	406	300
ZL1125009	9	456	350
ZL1125010	10	506	400
ZL1125011	11	556	450
ZL1125012	12	606	500

TECHNICAL SPECIFICATIONS

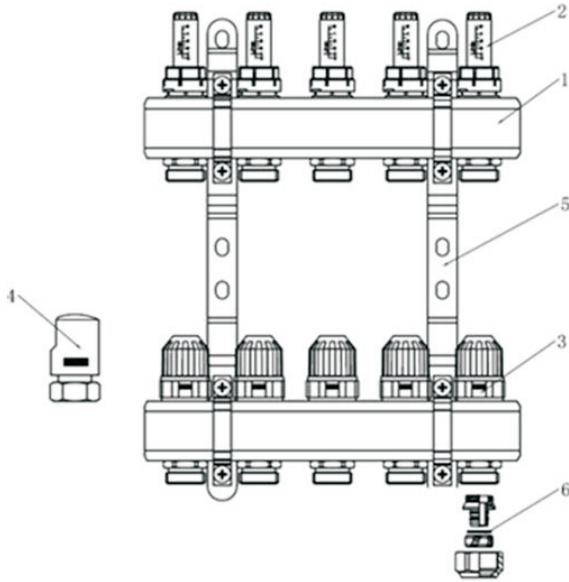
Body	Brass
Hydraulic Seals	EPDM
Flyers & Caps	ABS
Springs	Stainless Steel
Brackets	Steel
Adaptors	Brass

PERFORMANCE

Medium	water, glycol solution Max. percentage of glycol is 30%
Working temperature range	5~100°C
Maximum working pressure	10bar
Flow meter scale	0~5L/min
Main connections	1" F (ISO 228-1)
Outlets	3/4" M (ISO 228-1)
Centre distance	50mm

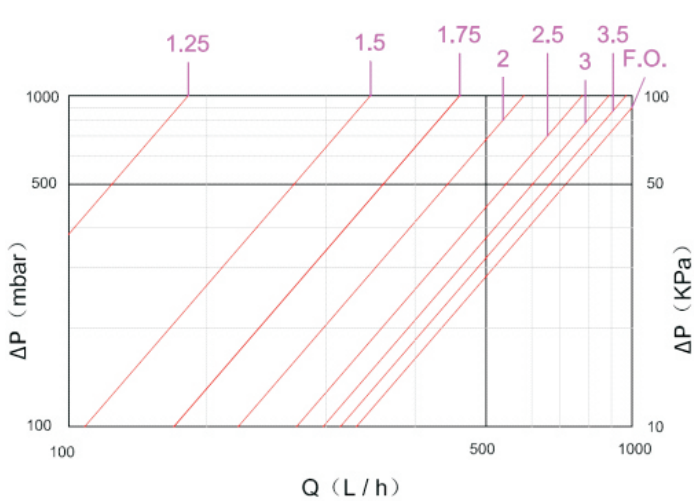


CHARACTERISTIC COMPONENTS

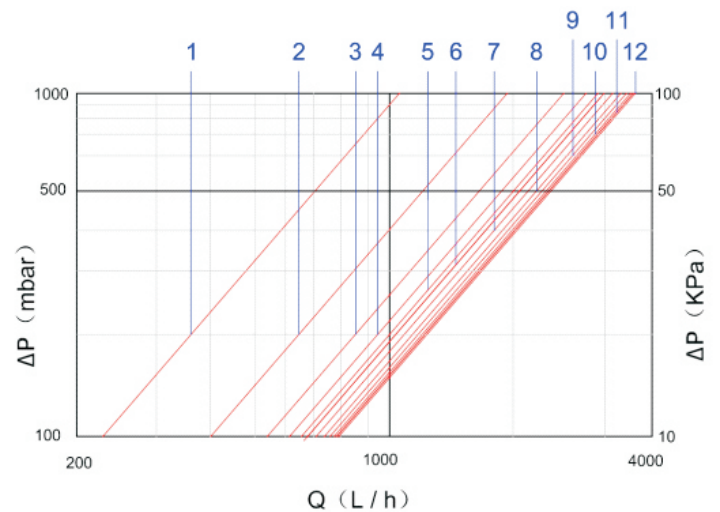


NO.	COMPONENTS	DESCRIPTIONS
1	Manifold Body	Made of high quality brass
2	Flow rate regulation valve	Accurately adjust the flow rate of each outlet
3	Shut-off valve	cut off the flow to the individual circuits
4	Electrothermal actuator	Automatic temperature control
5	Brackets	Pair of mounting brackets for manifold box or wall installation
6	Adaptor	Connect the pipe and manifold

HYDRAULIC CHARACTERISTICS



Turns	1.25	1.5	1.75	2	2.5	3	3.5	F.O.
Kv	0.12	0.33	0.47	0.57	0.77	0.88	0.95	1.02



NO. of outlets	1	2	3	4	5	6	7	8	9	10	11	12
Kv	1.02	1.65	2.23	2.55	2.81	2.97	3.13	3.26	3.34	3.38	3.42	3.50