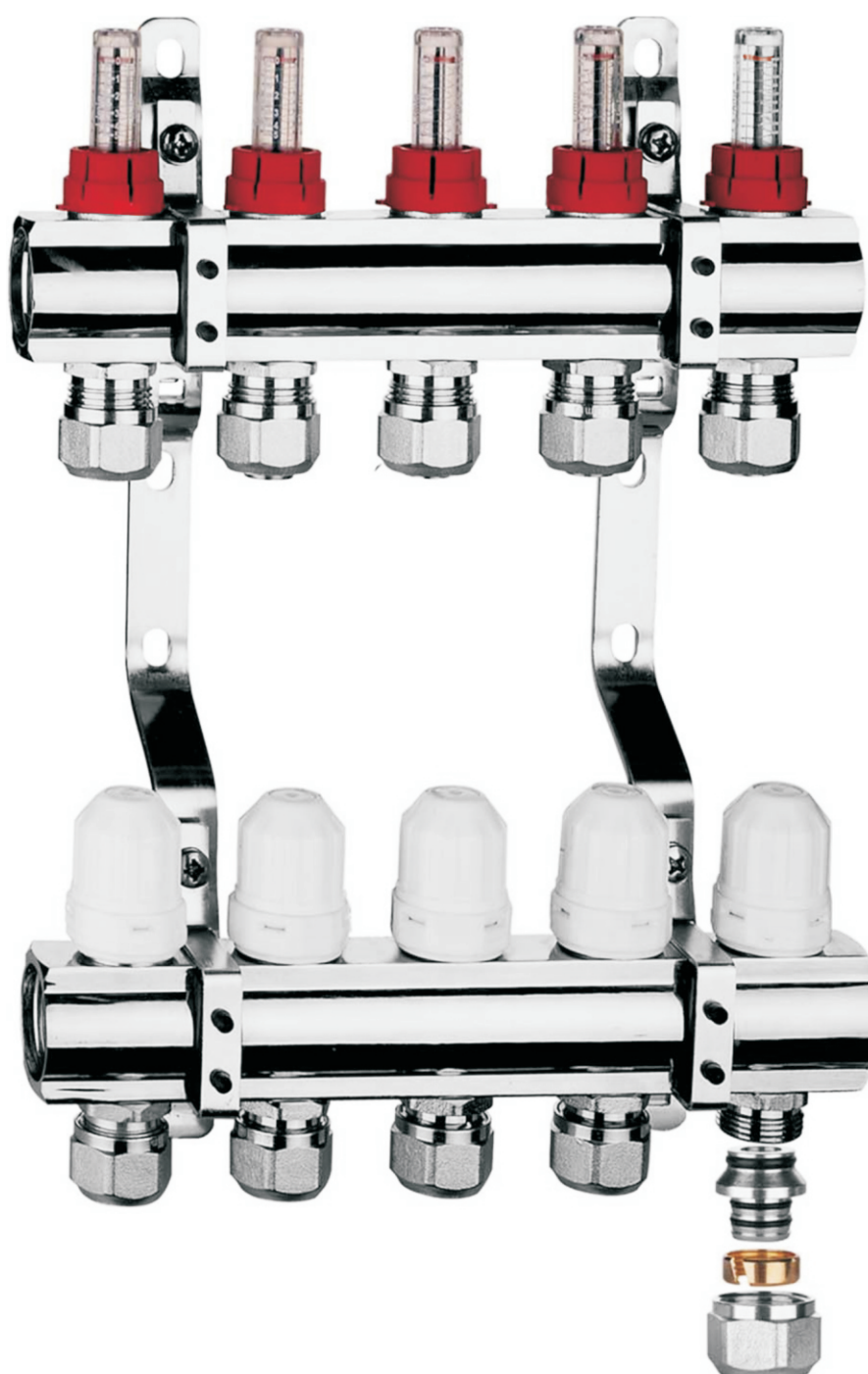
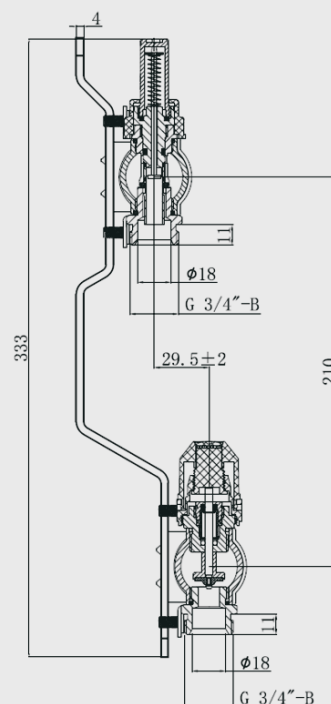
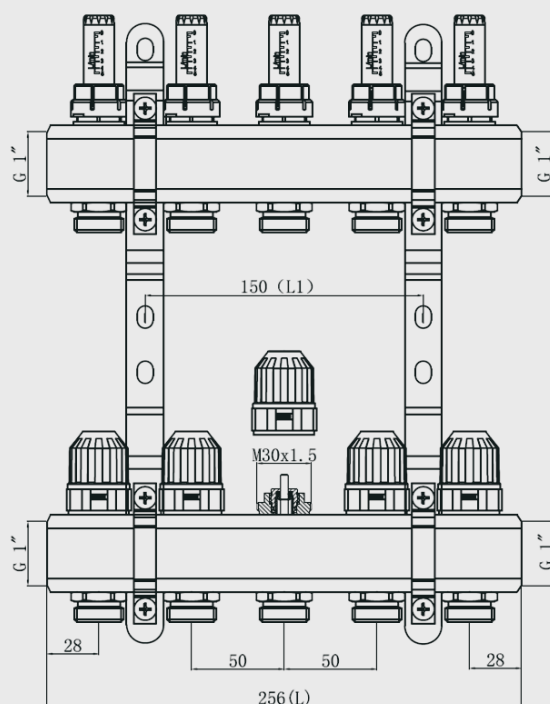


BRASS MANIFOLDS ZL-1125 SERIES

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 |

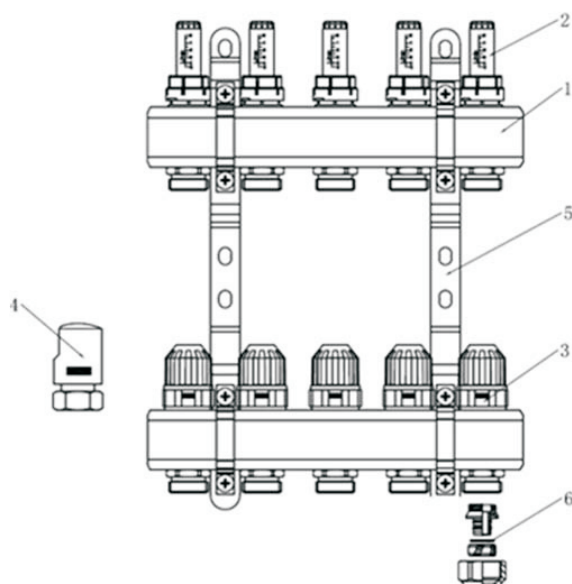
TECHNICAL SPECIFICATIONS

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

PERFORMANCE

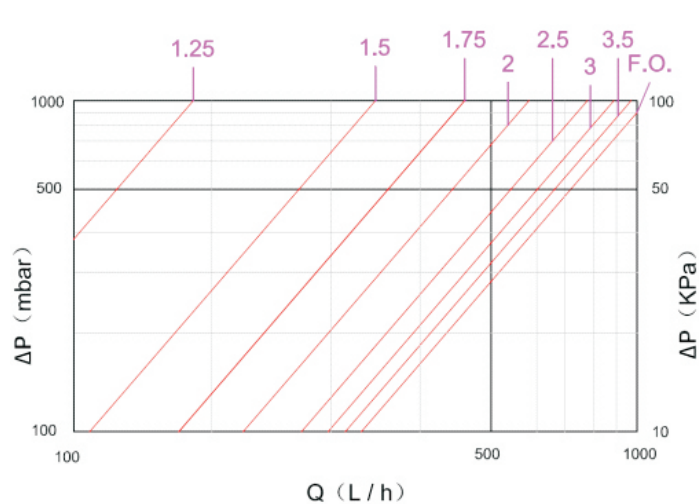
| | |
|---------------------------|---|
| Medium | water, glycol solution Max.percentage of glycol is 30% |
| Working temperature range | 5~100°C |
| Maximum working pressure | 10bar |
| Flow meter scale | 0~5L/min |
| Main connections | 1" F (ISO 228-1) |
| Outlets | 3/4" M (ISO 228-1) |
| Centre distance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

CHARACTERISTIC COMPONENTS

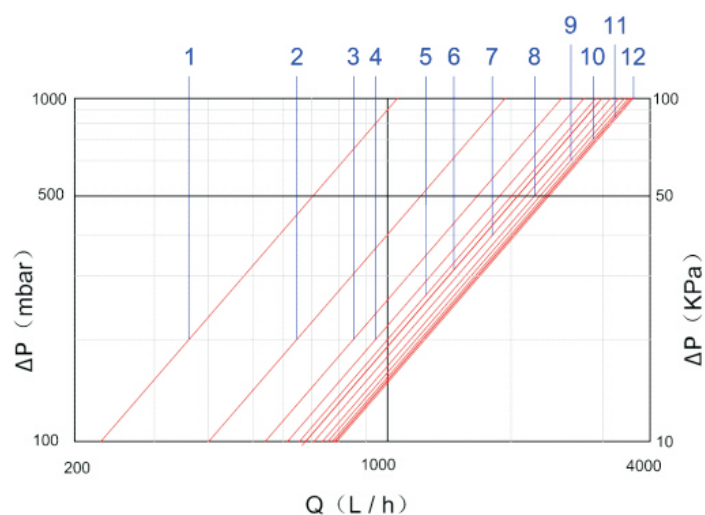


| NO. | COMPONENTS | DESCRIPTIONS |
|-----|----------------------------|---|
| 1 | Manifold Body | Made of high quality brass |
| 2 | Flow rate regulation valve | Accurately adjust the flow rate of each outlet |
| 3 | Shut-off valve | cut off the flow to the individual circuits |
| 4 | Electrothermal 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 |