



## Multifunction valves for distribution manifolds ZL-4460 Series

Data sheet



## Description

Pair of multifunction valves (delivery and return) for distribution manifolds.

Possibility of reversible installation at the inlet of the manifold, with fluid supply both from the left and from the right.

Installed upstream of the distribution manifold bars they integrate the following functions:

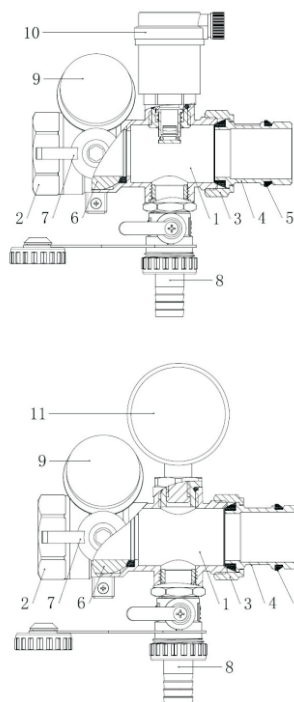
- shut-off ball valve;
- automatic air vent valve/ pressure gage with transform joint;
- drain valve;
- contact thermometer;
- inlet for immersion temperature probe Ø 6 mm.

This product has two options of tempering and nickel plating, please make notes in the order.

## Performance

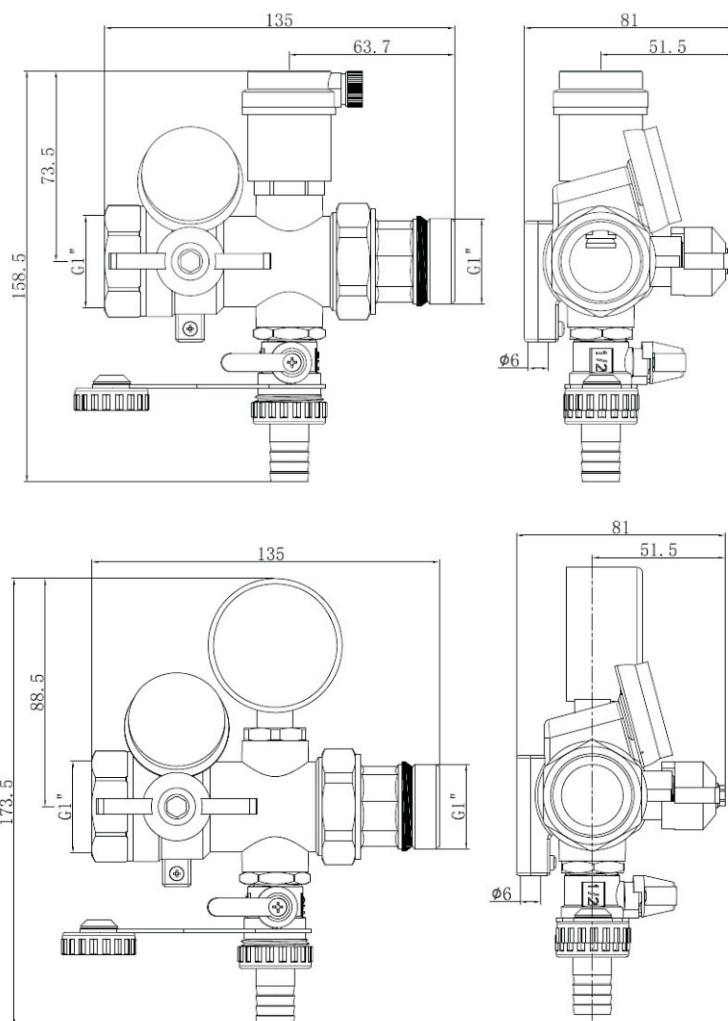
- ∞ Applicable medium: Water, glycol solutions (Max. percentage of glycol is 30%)
- ∞ Maximum working pressure: 10 bar
- ∞ Operating temperature: 5~110°C
- ∞ Probe holder connections: Ø 6 mm
- ∞ Contact thermometers: dial Ø 40 mm, scale 0~120 °C
- ∞ Pressure gage with transform joint: dial Ø 52 mm, scale 0~10 bar, connection G 1/2" M
- ∞ Air vent valves with self-sailing and shut-off cock, connection G 1/2" M
- ∞ Drain valve with self-sealing and hose connection, connection G 1/2" M

## Characteristic Components



No.	Components	Material
1	Valve Body	Brass
2	Bonnet	Brass
3	hexagon nut	Brass
4	union joint	Brass
5	seals	EPDM
6	Valveball	Brass
7	Handle	AL
8	Drain valve	Brass
9	Contact thermometer	steel
10	Air vent valve	Brass
11	Pressure gage	Brass

## Dimensions

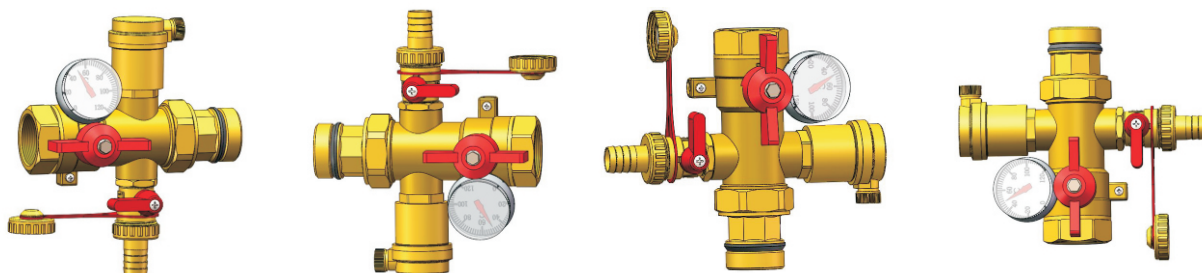


Code: **ZL446025**

Code: **ZL4460A25**

## Installation

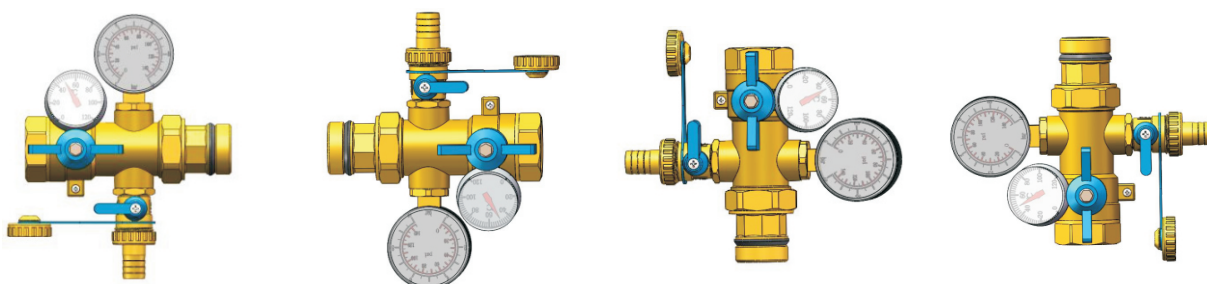
### ∞ ZL-4460 Allowed installation positions



The automatic air vent valves must be installed in a vertical position, with the cap facing upwards. Installation in places that are easy to inspect is recommended.

**Notes:** Close the cap of the air vent valve during the washing and filling operations of the system, to prevent impurities from entering the valve mechanisms, damaging it.

### ∞ ZL-4460A Allowed installation positions



The ZL-4460 series valves are supplied with "fluid supply from the left", and can be easily mounted with "fluid supply from the right".

**Notes:** For installation with adduction pipes from the right, the main valve body must face with the thermometer connection in the lower part.

