

# Pump Group Series DATA SHEET



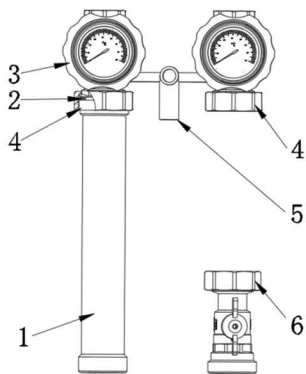
## Description

- ⌘ Complete product series
- ⌘ High interchangeability, all pump modules have the same external dimensions and similar appearance
- ⌘ Includes installation components
- ⌘ The three way mixing valves of all mixing pump group are integrated with stepless by - pass valves

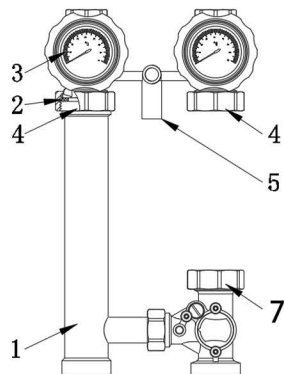
## Performance

- ⌘ T threaded connection: system side G1" M, boiler side G1 1/2" F
- ⌘ Outputs centre distance: 125mm
- ⌘ Max. working temperature: 110°C
- ⌘ Working pressure: 6bar
- ⌘ Reserved length of water pump installation: 180mm
- ⌘ Thermometer range: 0~120°C
- ⌘ Thread standard: ISO228-1
- ⌘ Kvs value: 9.7m<sup>3</sup>/h (Direct pump group), 6.5m<sup>3</sup>/h (Mixing pump group)

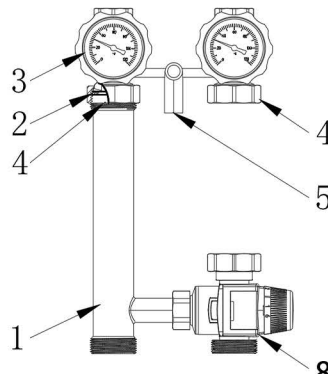
## Characteristic components



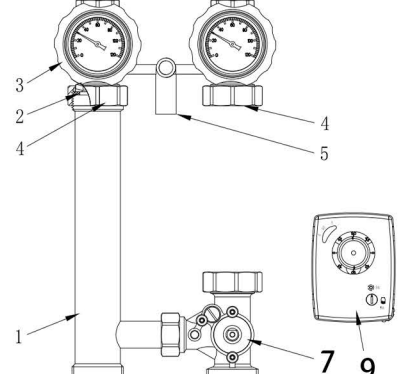
ZL-2542H/B



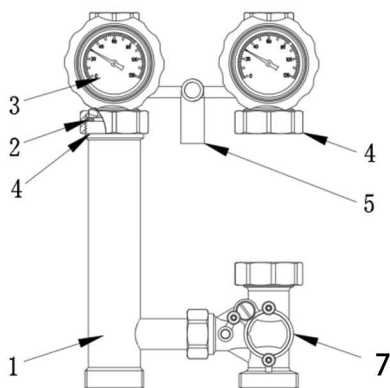
ZL-2541H



ZL-2541K



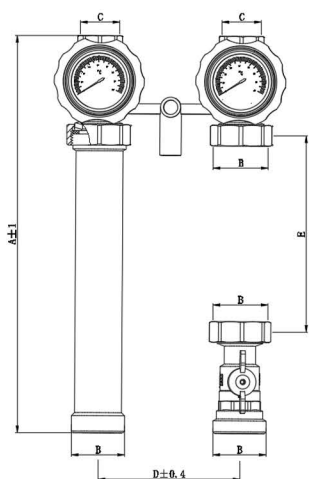
ZL-2541J



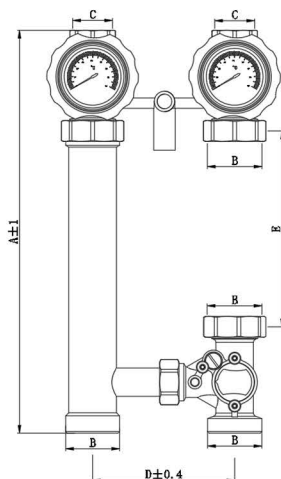
ZL-2601H

No.	Components	Material
1	Iron pipe components	A3
2	Ball Valve	Brass
3	Temperature gauge	-
4	Ball Valve	Brass
5	Bracket	-
6	Ball Valve	Brass
7	temperature control valve	Brass
8	Thermostatic mixing valve	Brass
9	Electric actuator	-

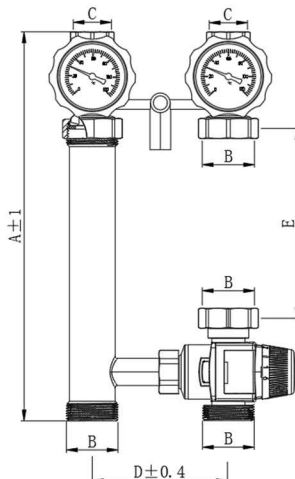
# Dimensions



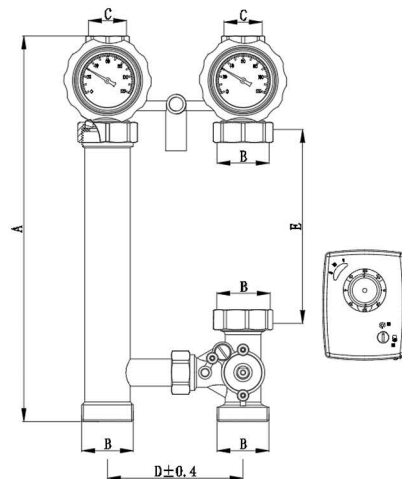
ZL-2542H/B



ZL-2541H

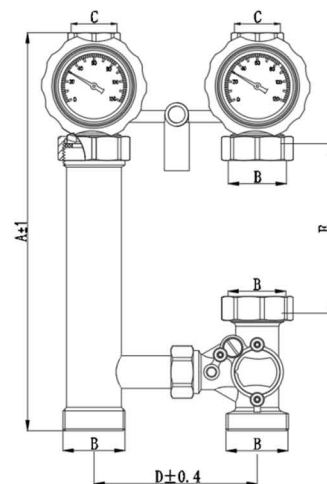


ZL-2542K



ZL-2541J

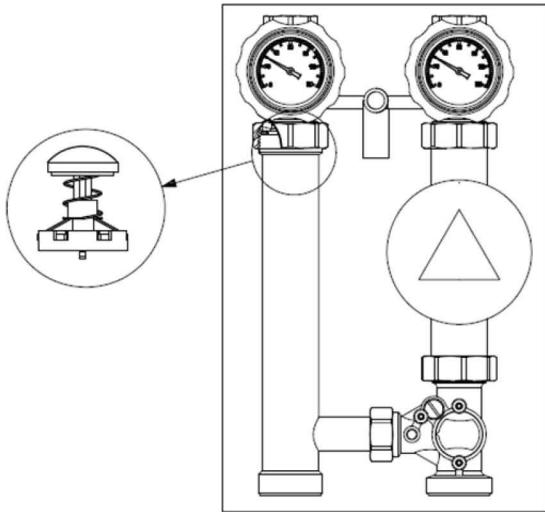
Code	A	B	C	D	E
ZL-2542H/B	357.5	G1 1/2	G1	125	180
ZL-2541H	357.5	G1 1/2	G1	125	180
ZL-2542K	357.5	G1 1/2	G1	125	180
ZL-2541J	357.5	G1 1/2	G1	125	180
ZL-2601H	307.5	G1 1/2	G1	125	130



ZL-2601H

Code	Description	Mixing valve	Actuator	Iron pipe components
ZL-2542H	Direct pump group	-	-	Surface plated with color zinc
ZL2542B	Direct pump group	-	-	Electrophoresis black
ZL-2541H	Manual thermostatic circulating pump group	Sector Mixing valve	-	Surface plated with color zinc
ZL-2541K	Manual thermostatic circulating pump group	Thermostatic mixing valve	-	Surface plated with color zinc
ZL-2541J	Automatic thermostatic circulating pump group	Sector Mixing valve	Electric ac uator	Surface plated with color zinc
ZL-2601H	Manual thermostatic circulating pump group	Sector Mixing valve		Surface plated with color zinc

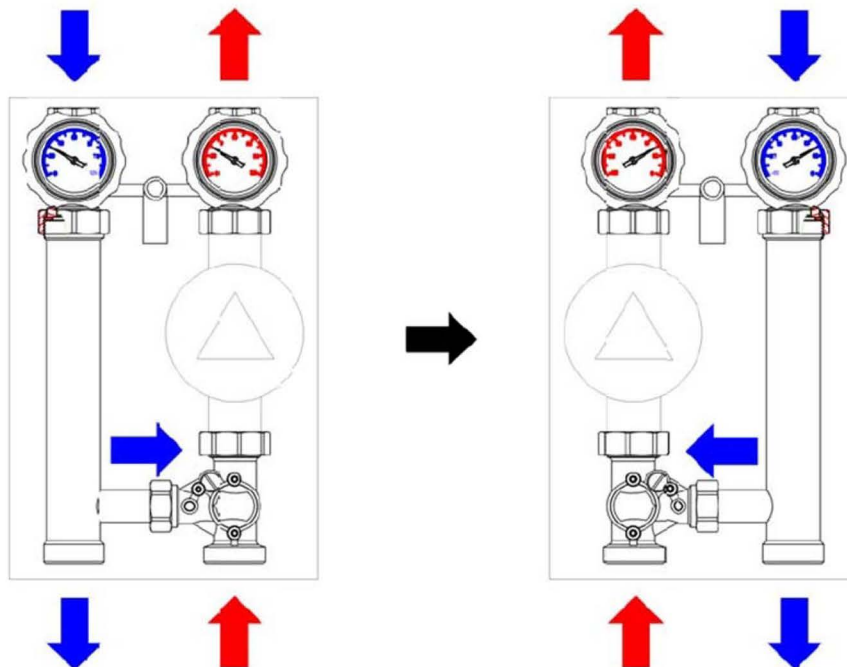
## Check valve integrated on return output



All pump groups include a check valve inside the brass spacer top, on the return output.

The check valve can be disassembled by removing the Seeger ring used to fit it to the spacer.

## Delivery/return outputs reversibility



The pump group is pre - assembled for the upper supply type on the right side of the water supply (also equivalent to the lower supply type on the left side of the water supply). According to the requirements of the installation site, the delivery and return outputs can be exchanged.