

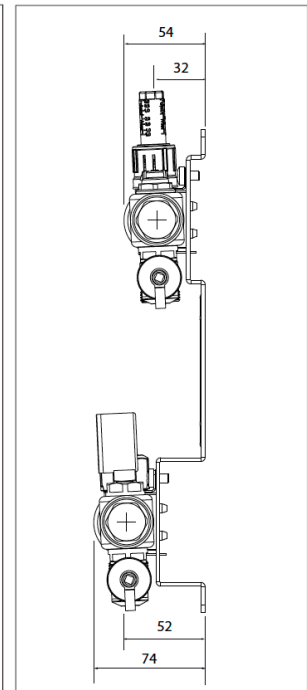
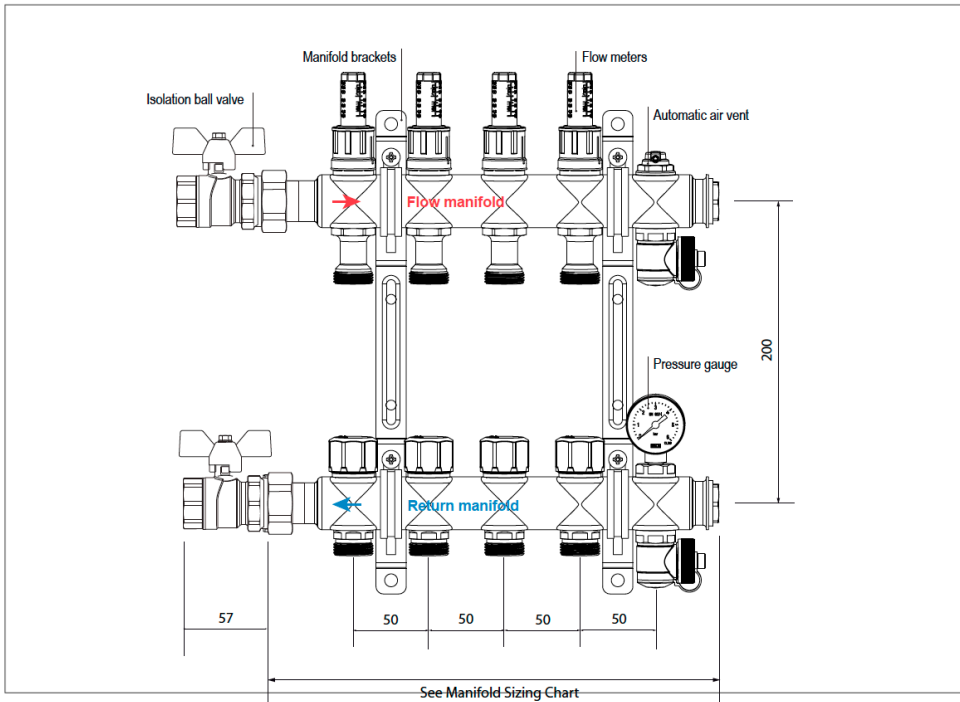
# Standard Manifolds



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**Manifold front view** (Four port manifold used for example purposes only)

**Manifold side view**



## STANDARD MANIFOLDS

GS Underfloor Heating Ltd standard manifolds are used where the water supply to the manifold is provided at the correct temperature and flow rate for the underfloor system.

The manifolds are manufactured in chrome plated brass or stainless steel and are available in various sizes from 2 to 12 ports (see table below).

The manifold is also fitted with an automatic air vent (optional), pressure gauge, fill/drain points and isolating ball-valves, making any commissioning and maintenance quick and straightforward.

The flow meters, located on the flow manifold, let you check that water is flowing through each circuit allowing the system to be balanced by adjusting flow rates to meet the design requirements.

The electric actuator heads, located on the return manifold, open and close the individual loops and each actuator is controlled by a thermostat that switches on/off to control the room temperature.

Following assembly, manifolds are factory pressure tested to 10 bar. The manifold can also connect to LST radiators and towel rails.

### Manifold Connection Sizes

Flow = 1" female BSP  
Return = 1" female BSP



## MANIFOLD SIZING CHART

Number of ports	2	3	4	5	6	7	8	9	10	11	12
Manifold Length (mm)	192	242	292	342	392	442	492	542	592	642	692

Recommended minimum installation clearances: 200mm between the finished floor level (FFL) and bottom of the manifold, 100mm above the manifold, 50mm to either side of the manifold and allow an extra 100mm for the supply pipe work.