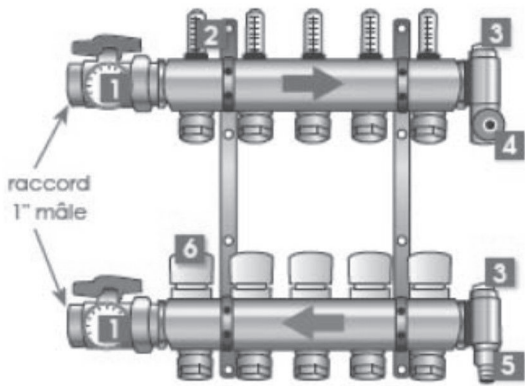


# Manifolds Installation



## Pack Contents:

1. Isolation valve with (w/o) thermometer (x2)
2. Flowmeter (1 per circuit)
3. Manual bleed valve (x2)
4. Drain valve 6 Bars
5. Fast link valve
6. Loop valve with cap (1 per circuit)

## Installation Instruction

It should be fixed on a vertical surface at the height between 40 and 90 cm to the ground.

a. The two isolation valves (No.1) are put on each main body.

## Circuit connection to the Manifolds:

- b. Loosen the valve cap (No.6) to open all the circuits which will be used;
- c. Remove the plastic cap of flowmeters (No.2);
- d. Open the flowmeter completely;
- e. Loosen the pipe connection from the manifolds;
- f. Fasten the nut, outlet, brass ring (after adjusting the pipe to round with tool);
- g. Connect the tube with pipe connection and fasten it with screwdriver;

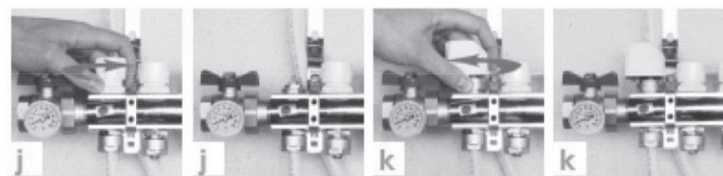
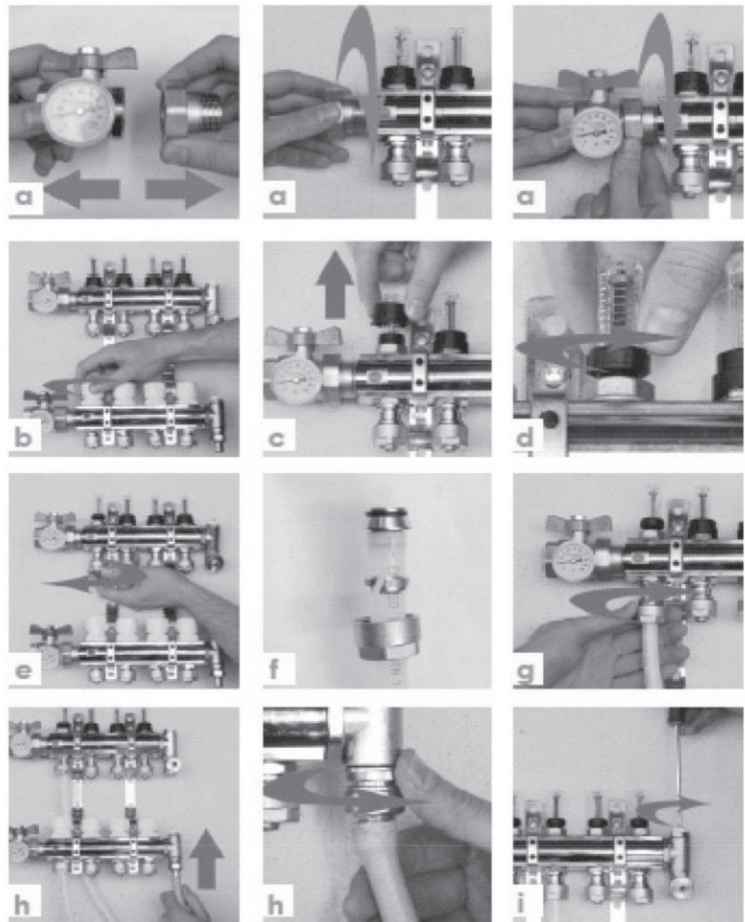
The first circuit is finished, follow the same procedure to connect the other circuits.

## Filling the Water in the Manifolds:

h. Fill the Manifold and hydraulic system with water from the fast link valve (No.5). Once the water is filled, close the valve and take away the pipe. In order to check the circuits' sealing, close the isolation valves (No.1) and increase the pressure to 6 bars keep 24 hours by the pump which is connected to the drain valve (No.4)

i. If the pressure keep the same after 24 hours, drain the pressure by manual drain valve (No.3) on the top of end connection to decrease the pressure between 1 to 1.5 bar. Adjust the flowmeter according to the water flow rate indication on the regulator window.

\* If the pressure decrease, check the installation to find the reason.



- j. remove the cap of loop valves;
- k. fix the actuators with 1 or 6 lines or more;

Each actuator must work with one receiver: read the instruction supplied with thermostat and the receiver