

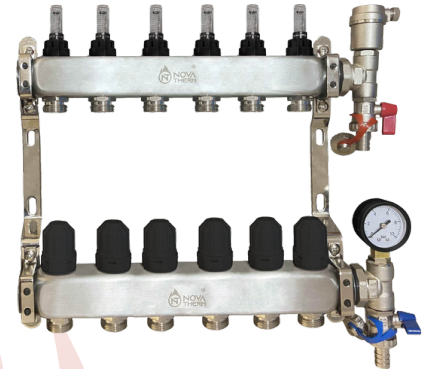
Installation Guide

Make sure the piping is cut at a clean perpendicular angle, and the lining on the pipe is installed on the manifold as straight as possible. This will ensure a leak-proof seal.

1. Connect tubing to the manifold using the compression fittings supplied.
2. Tighten the compression nut to the manifold with a wrench,
3. Repeat steps 1 and 2 on each loop to complete your installation.

Flow Meter Operation

1. Remove the red/ black flow meter cap.
2. Turn the flow meter counter clockwise to increase the flow rate.
3. Turn the flow meter clockwise to decrease the flow rate.
4. Replace the red/ black cap on the flow meter to the locked position.



Reading The Flow Meter

Do not hold the flow meter by the clear top when turning to adjust the flow rate.

Do not turn the knob counter clockwise more than three full turns, otherwise the indicator disc will be out of range when the system is pressurised.

The flow meter can then be determined by the position of the indicator disc.

Pressure Test & Actuators

To pressure test your assembled manifold, follow the following steps:

1. Make sure all lines are hooked up and tightened.
2. Check all air valves are closed and hooked up.
3. Connect your pressure testing kit to the supply side, where the air valve normally connects into.
4. Apply air to the pressure test kit from the valve on the side of the gauge.
5. Pressurise your system to 30-40 PSI.
6. Allow your system to sit overnight if possible for a minimum of 2 hours.
7. Check for any pressure drop. Pressure readings may fluctuate between 5-10 PSI due to atmospheric changes.
8. If the pressure reaches 0 PSI, there is a leak somewhere in your system.

Installing Actuators

In order to install your actuators, remove the valve cap by turning the base of the valve counter clockwise. After the valve cap is removed, you can then install an optional NovaTherm actuator to your valves.