

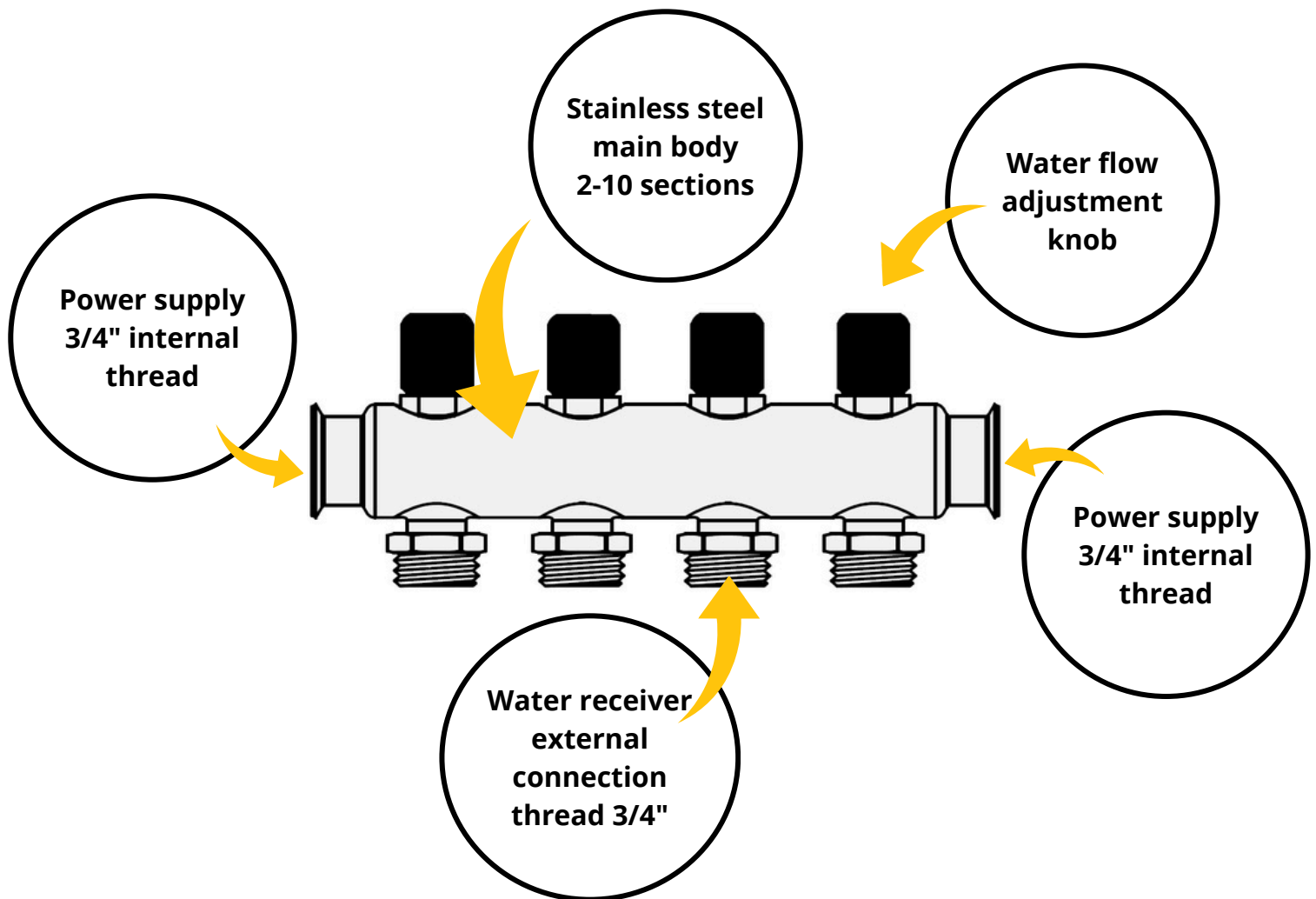


Installation and operating instructions for the FIBO INOX HOME S series water distributor version 01/2024

Attention!

Before beginning installation, please read the instructions carefully. The manufacturer is not responsible for any damage resulting from improper installation or use! If you do not understand any part of the instructions below, please contact the distributor or manufacturer.

Construction of the distributor

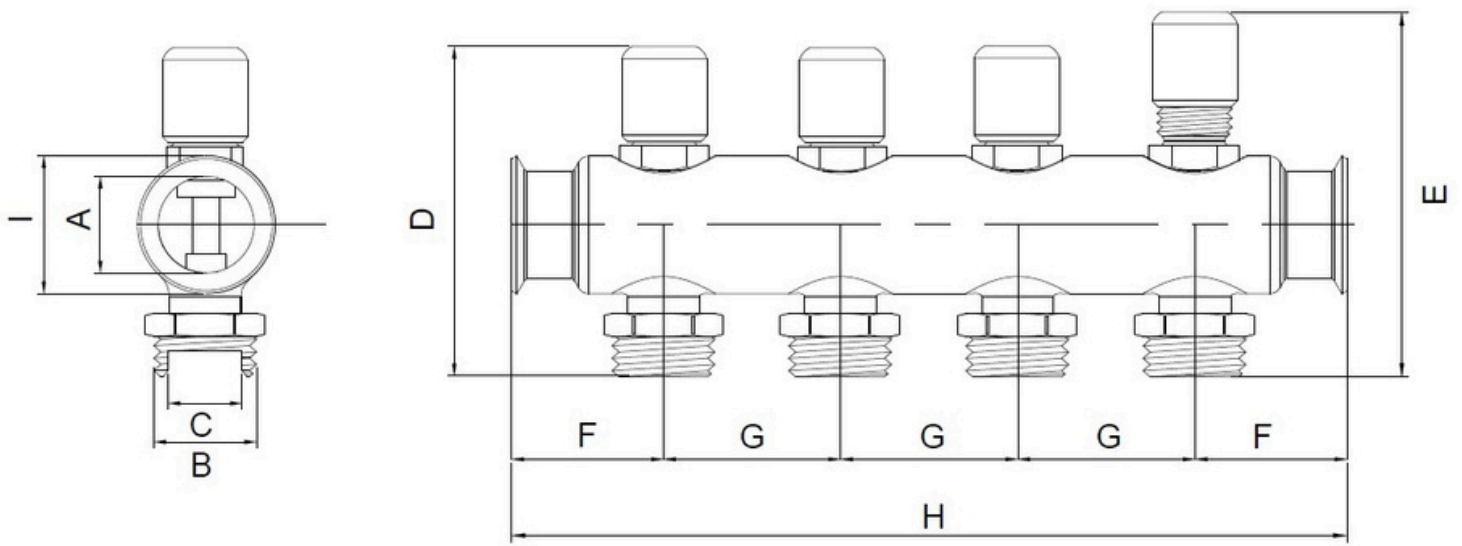


The manifold is used to separate cold and hot water in drinking water installations.

Max. operating temperature: 110° C. Max. operating pressure: 16 bar.

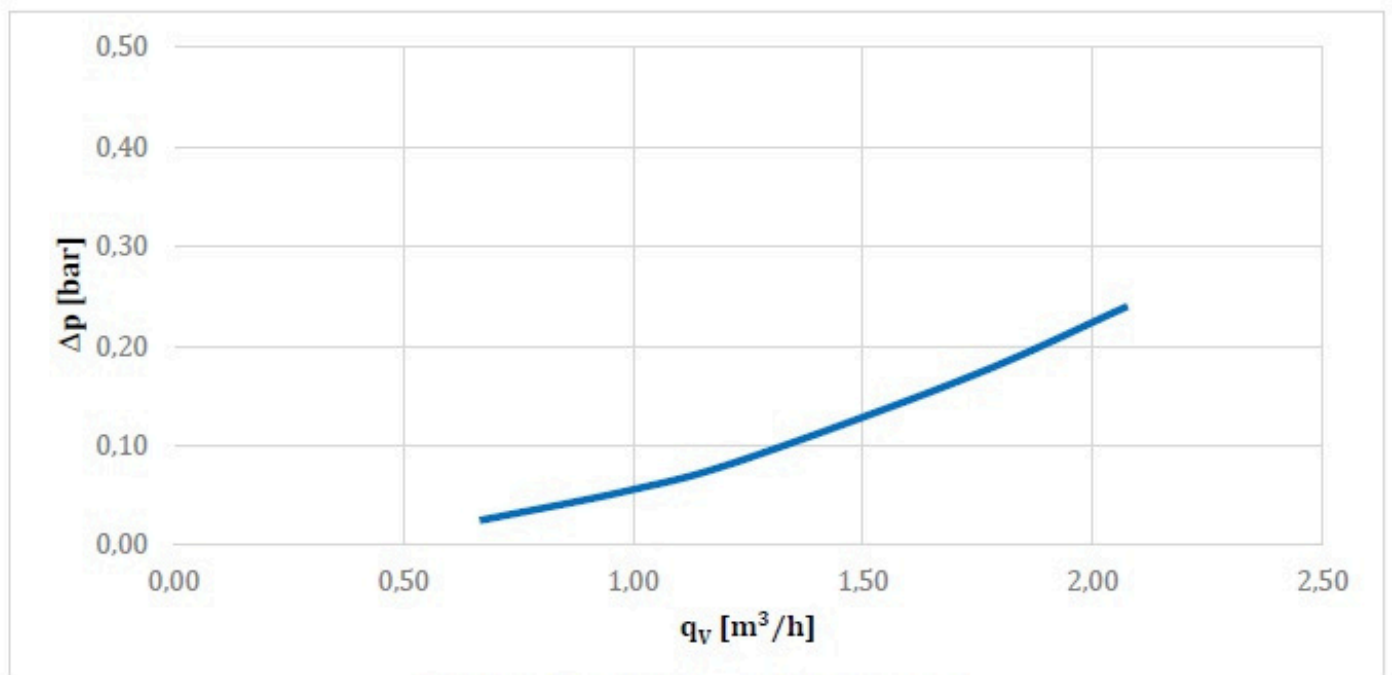
The pH of the water in the system should be in the range of 6.5-9.5.

The distributor consists of a main body equipped with 3/4" internal threaded connections at each end. It is available in sizes from 2 to 10 sections. Each section has a built-in valve head that regulates water flow and can be completely shut off. Each section is equipped with a 3/4" external thread with an 18mm internal hole.



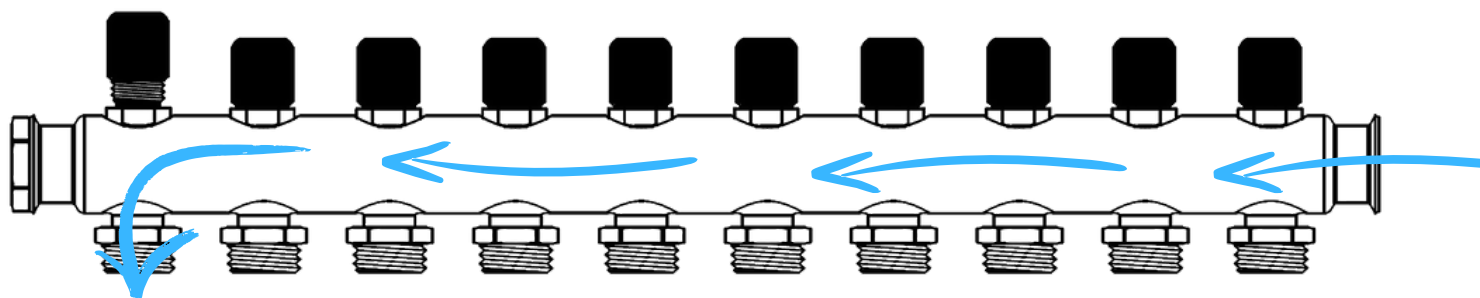
ILOŚĆ SEKCJI	A	B	C	D	E	F	G	H	I
2	3/4"	3/4"	18	82	95	38	45	121	35
3	3/4"	3/4"	18	82	95	38	45	166	35
4	3/4"	3/4"	18	82	95	38	45	211	35
5	3/4"	3/4"	18	82	95	38	45	256	35
6	3/4"	3/4"	18	82	95	38	45	301	35
7	3/4"	3/4"	18	82	95	38	45	346	35
8	3/4"	3/4"	18	82	95	38	45	391	35
9	3/4"	3/4"	18	82	95	38	45	436	35
10	3/4"	3/4"	18	82	95	38	45	481	35

Flow/Pressure Drop



Wykres $K_v= 4,222$ - medium woda

Kv for the last section counted from the supply side is as much as 4.222 m³/h. In each previous section the Kv value will be higher.



Kv= 70.37 l/min

*Kv wg normy PN-EN 1267:2012

Installation

FIBO INOX HOME drinking water manifolds should be installed in accordance with generally accepted standards for the installation of this type of equipment. During installation, ensure the manifold's interior is hygienic, protecting it from materials unsuitable for contact with drinking water.

Distributor housings should be mounted on designated brackets with insulation between the housing and the bracket. The bracket should be permanently attached to the substrate to ensure stability and durability of the installation.

The distributors can be mounted in any position.

To seal the supply fittings connected to the manifold, threaded or O-ring seals approved for contact with drinking water should be used.

Pipes are connected to the sections using 18mm x 3/4" Eurocone system connectors or 3/4" half-screw connections with seals.

Note: Ensure that the pipes are connected freely, without any stress resulting from improper positioning.

Installation recommendations

Choosing a system installation location: It is recommended to choose rooms where the walls and floors are finished with waterproof layers, such as bathrooms or technical rooms. After completing the installation, it is recommended to fill the spaces between the pipes extending into the floor below the manifolds and to insulate the surface of the fill with a waterproofing agent.

It is recommended to install distributors in closed metal or plastic enclosures (cabinets) with anti-flood protection.

Note: Do not install manifolds in locations where they will be exposed to substances, such as chemicals, that may affect their durability and proper functioning.

Start-up and operation

During the manufacturing process, manifolds undergo a water pressure test to verify the tightness of the factory connections. This ensures a leak-free, ready-to-install product.

After completing the assembly work, it is recommended to test the tightness of the connections made during assembly and to flush the installation with water before starting it up.

It is recommended to fill the manifold with water gradually until the system pressures equalize. The manifold does not require venting during filling.

For distributor valves that are intended to operate at 100% of their capacity, it is recommended to unscrew the knob as far as it will go. This will increase the free flow of water to subsequent sections.

Note: Turning the valve knob must be done by hand! Tightening the knob with torque-sensitive tools is not permitted as this may damage the knob.

It is permissible to use the distributor in heating systems, e.g. radiators, with a glycol concentration not exceeding 50%.

