

INOX-manifolds for heating applications:

Stainless steel of high quality and practically orientated performances.

Material of high quality: for an enduring corrosion resistance

All components of the INOX manifolds for heating applications are made of high-grade stainless steel (material 1.4307, bright annealed) with **high nickel content**, assuring among others

- a **stable austenitic material structure** with little ferrite and magnetism and
- an enduring corrosion resistance as well as a long durability.
- Moreover, all fittings directly connected to the manifold are nickel-plated (**no contact corrosion**).

Convincing performances: for an easy initial operation.

1.

Easy and comfortable adjustment of the required water quantity by the handy **return valve**.



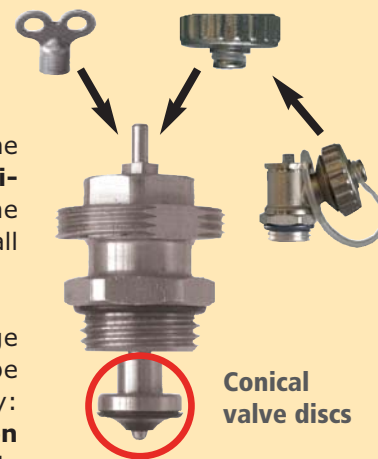
INOX-manifolds for heating applications offer a **valve technique conforming to the standard DIN EN 1264-4**. This means that the adjustment of the water quantities and the shut-off are separated functions.

2.

The **valve discs** of the return valves have a **conical shape** enabling the exact adjustment of small water quantities.

Nevertheless, also large water quantities can be realised unproblematically: thanks to a **cross section of DN 32** there are only small resistances assuring optimal flow conditions.

Moreover, an EPDM sealing at the valve discs guarantees the longlasting function of the return valves and **avoids the gripping** of the return valves in the valve seating.

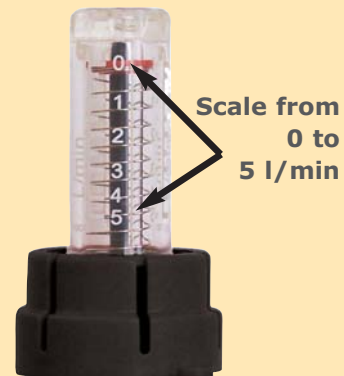


Conical valve discs

3.

At the large scale of the volume meter you can read very well and easily the water quantity adjusted by the return valve.

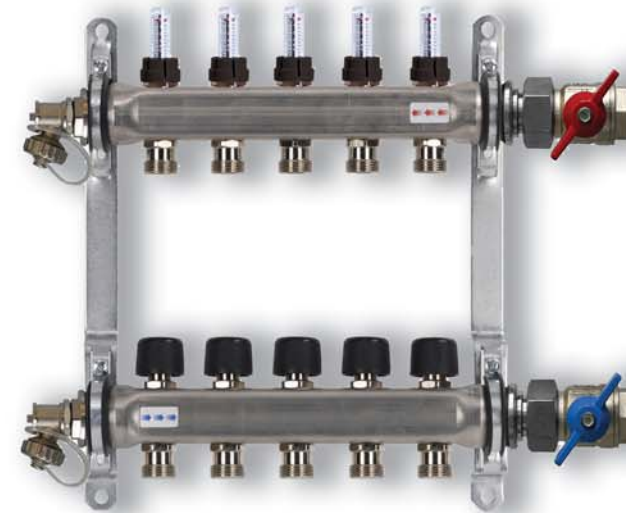
Moreover, the glass tube with large optical indication guarantees an **enduring readability** of the flow rate.



Scale from 0 to 5 l/min

Made of stainless steel:

INOX-manifolds for heating applications



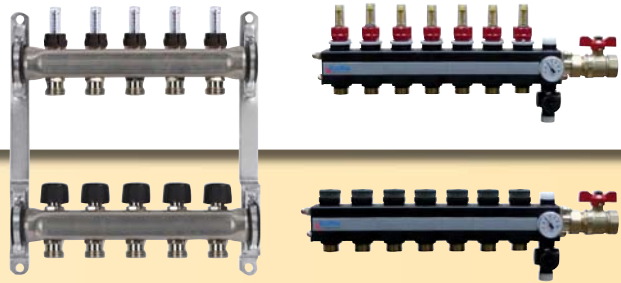
The advantages of INOX-manifolds for heating applications:

- **Material of very high quality:**
A high nickel content assures security and long durability.
- **Perfect functionality:**
Exact adjustment of water quantities by the return valve – good readability thanks to large optical indications at the glass tubes of the volume meters.

Manifolds

For floor heating and radiators:

- **INOX** (stainless steel)
- **Thermflex®** (plastic)



1

Manifold housings

KaMo OptiMo manifold housings correspond consequently to the requirements of our customers offering at the same time an elegant design.

- recess mounted
- surface mounted



2

Single room control

Single room control components perfectly aligned with the manifold technique, available in the following versions:

- 230 / 24 V
- Wireless
- Heating / Cooling



3

Special valves / special solutions

All KaMo pre-assembled manifold units and manifold measuring units are available with special valves according to your choice. Our technical support will be pleased to assist you.

- Commissioning valves / Zone valves
- Differential pressure valve / Volume flow control



4



TOP! Performance features



- High-grade stainless steel with high nickel content assuring an enduring corrosion resistance.
- Special valve discs enable an exact adjustment also of small water quantities.



- Ball valves with directly immersed sensor connection M10, according to DIN 4713/EN 1434. KaMo standard in all pre-assembled manifold units with heat meter distance piece.



- On demand available:
 - Switching distributor and actuators completely pre-assembled
 - Cabled
 - Programmed

Pre-assembled manifold units

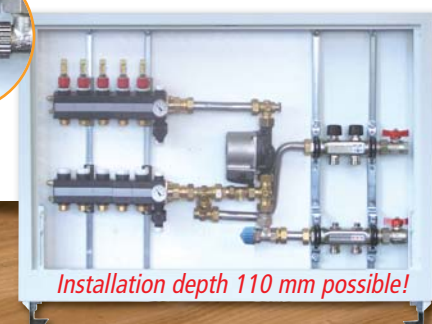
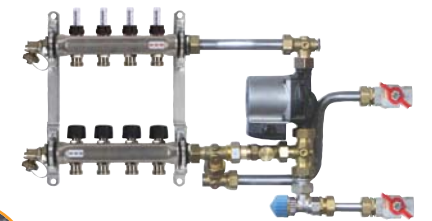
- Completely pre-assembled "ready-to-connect" and tested for leaks
- Optional with/without heat meter distance piece, horizontal / vertical primary connections
- Water meter distance piece for potable water



Control stations

In case of only one heating supply pipe both radiators and floor heating can be connected, optionally available with:

- fixed-command control
- 3-point actuator
- System separation



Installation depth 110 mm possible!