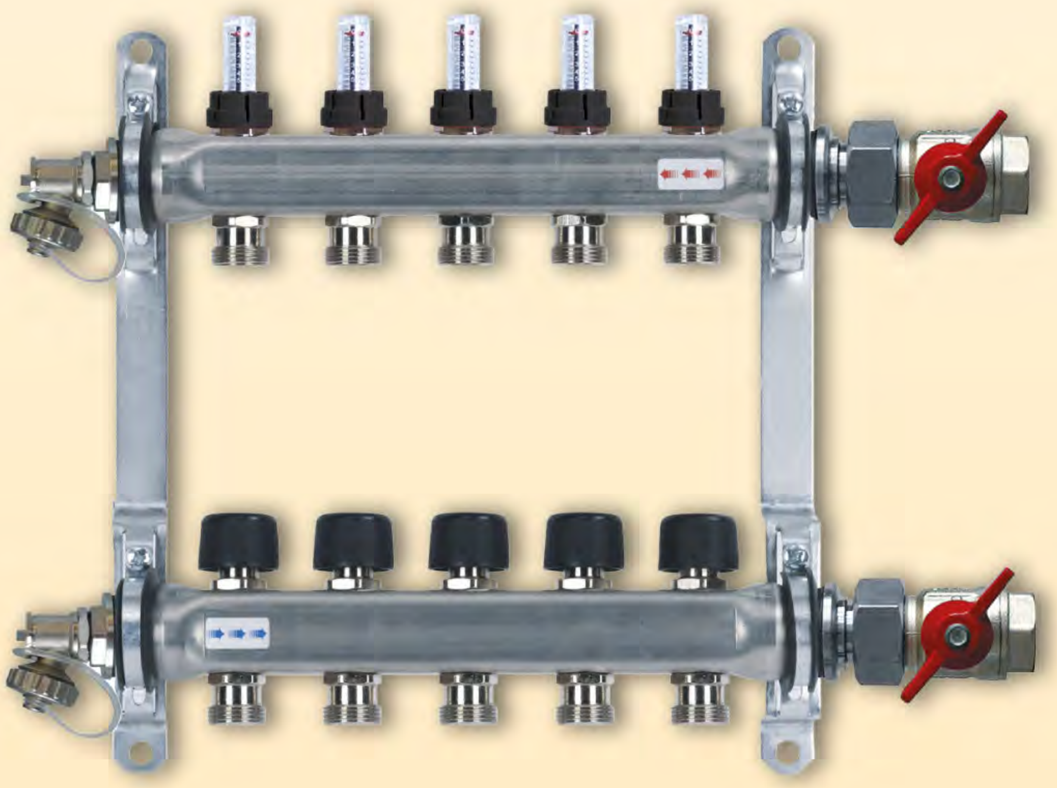
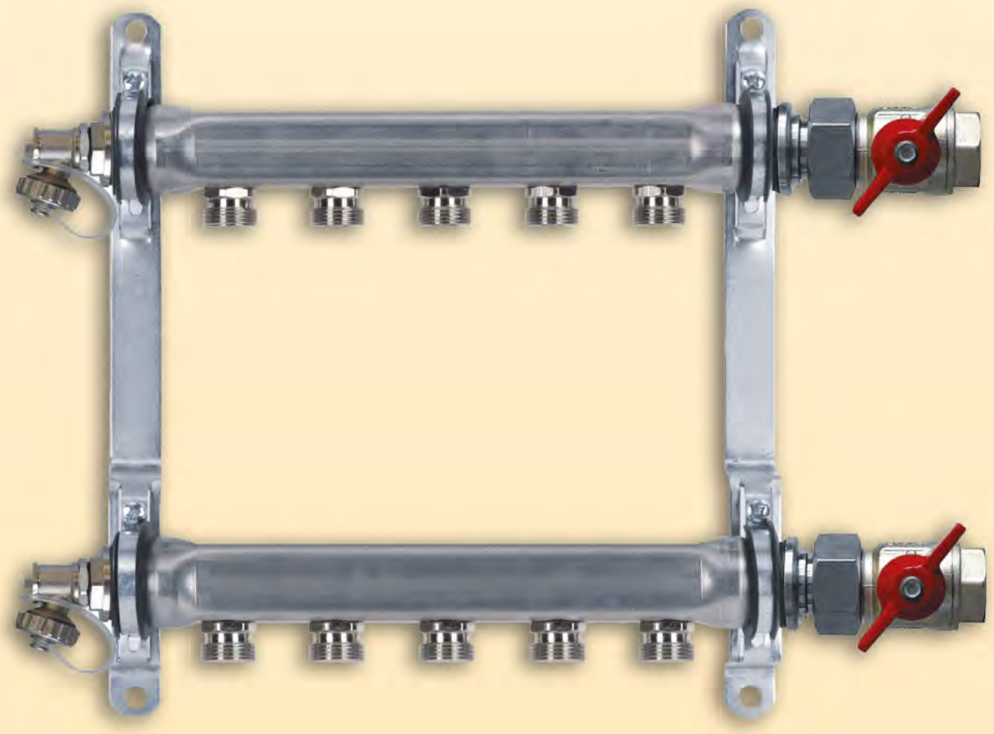
KaMo Systemtechnik
Made in Germany

Made of stainless steel

INOX-manifolds for

Sanitary (hot/cold) water & heating applications





The advantages of INOX-manifolds :

- **Material of very high quality :**

  A high nickel content assures security
  and long durability.

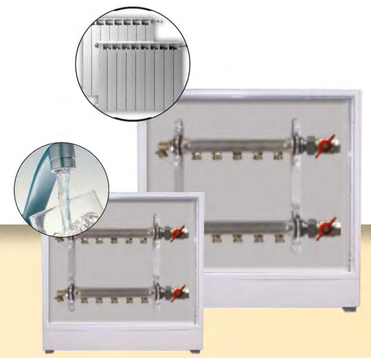
INOX-manifolds for Sanitary (hot/cold) water & heating applications

Stainless steel of high quality and practically orientated performances.

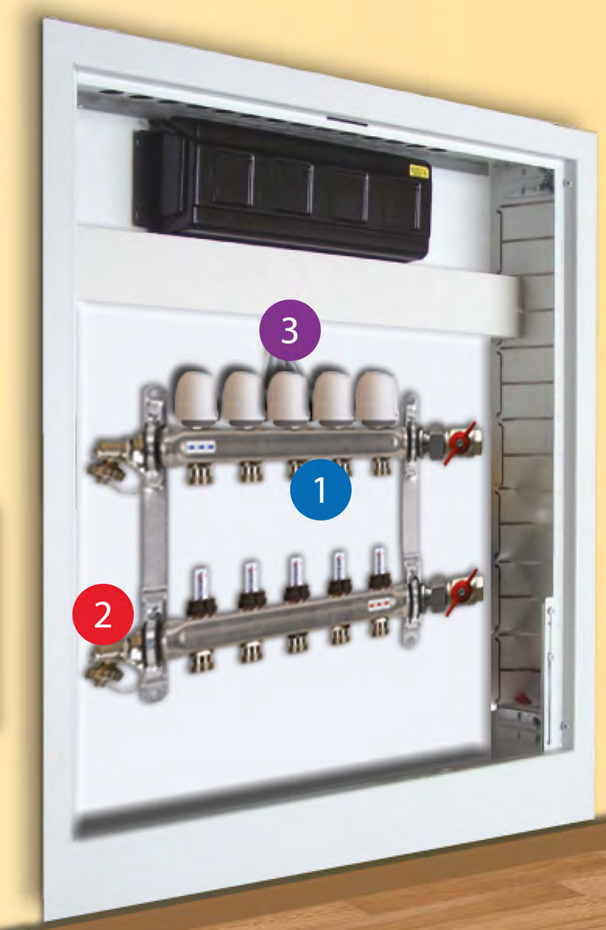
Material of high quality: for an enduring corrosion resistance

All components of the INOX manifolds are made of high-grade stainless steel (material 1.4301, bright annealed) with **high nickel content (>8,9%)** , assuring among others :

- A **stable austenitic material structure** with little ferrite and magnetism.
- An enduring **corrosion resistance** as well as a long durability.
- All fittings directly connected to the manifold are nickel-plated (**no contact corrosion**).
- Internal diameter **DN32** primary connection (manifold 1" internal thread, and secondary connection 3/4" external thread (euro-taper)).
- Completely pre-assembled "ready-to-connect" and tested for leaks



INOX-manifolds for sanitary (hot/cold water) & radiator heating systems



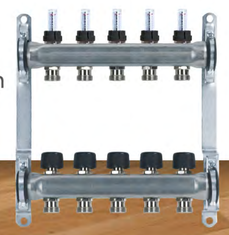
KaMo - components for Floor Heating & Radiators cabinet:

Manifolds

1

For floor heating and radiators:

- *INOX (stainless steel)*
  With control valve adequate for the application of actuators with thread lead M 30 x 1.5 In addition with self-adhesive stickers for room marking and indication of return line / flow line.



2

Bleed / Drain valve

- *Simply rotate for easy venting / drain process.*
- *Pre - assembled to the manifold.*

3

Single room control

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

- *230 / 24 V*
- *Wire & Wireless*
- *Heating / Cooling*

TOP! Performance features

Volume Meter

- 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.

Return Valve

- 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.

Valve Discs

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 the **griping** of the return valves in the valve seating.

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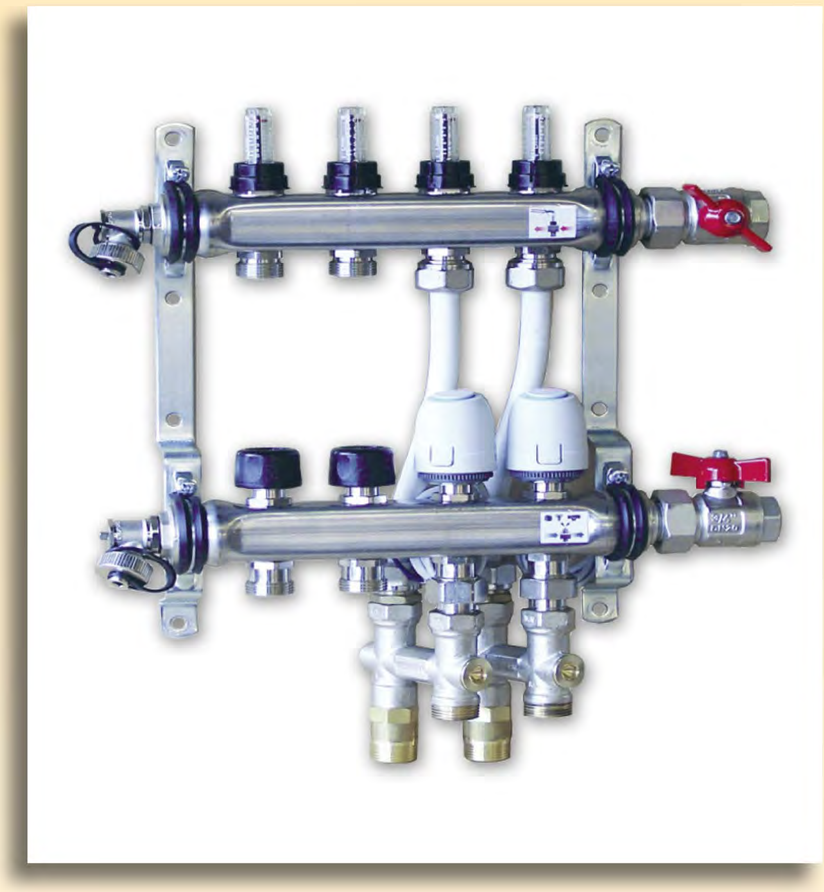
Mixing temperature injector

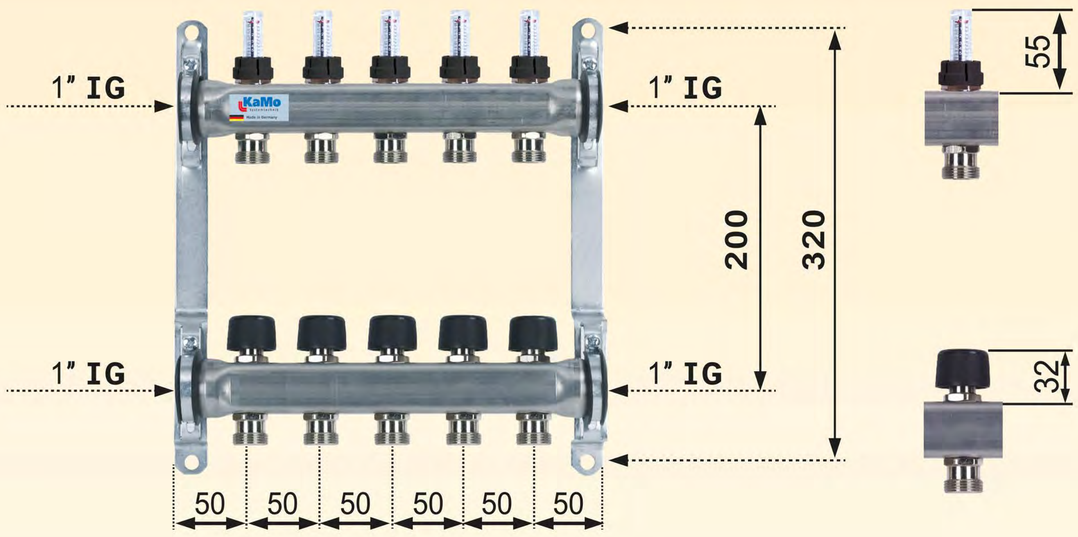
KaMo MTI: More safety in high temperature heating installations thanks to the flow temperature control

One riser – many heating possibilities.

The KaMo mixing temperature injector reduces automatically the flow temperature of floor heating circuits. Thus, heating circuits for both radiator and floor heating systems can be operated at the same manifold.
KaMo MTI works according to the principle of the water jet pump. So, the flow temperature of the floor heating circuit is cooled systematically by the admixing of cooled return water.



Manifolds Dimensions :



Standards:

KAMO applies the following standards for the production:

- Global dimension and tolerancing DIN ISO 2768 m T 1 for measure of lengths and angular measure
- Global dimensioning and tolerancing DIN ISO 2768 K T 2 for shape and position
- Pipe thread DIN ISO 228
- Sheet steel black DIN EN 10130
- Sheet steel hot-dip galvanized DIN EN 1042
- Sheet steel zinc-anodized DIN EN 10152
- Stainless steel pipes DIN 17457
- Corrosion of metals DIN 50930 part 4 / EN 12502
- Brass DIN 17660
- Corrosion of copper basic materials DIN 50930 part 5 / EN 12502
- Corrosion of metallic basic materials inside pipes caused by water 50930 part 6
- Red bronze DIN 1705 / EN 1982
- Valve technique DIN EN 1264-4
- Ball valves DIN 3357
- Shut-off valves for domestic water installations DIN 3546
- Technical regulations for domestic water installations DIN 1988
- Connection thread DIN 2999
- Intermediate layer for acoustic insulation DIN 4109
- Electronic components with CE-marking

CE

DIN Geprüft

Golden Systems group®
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