

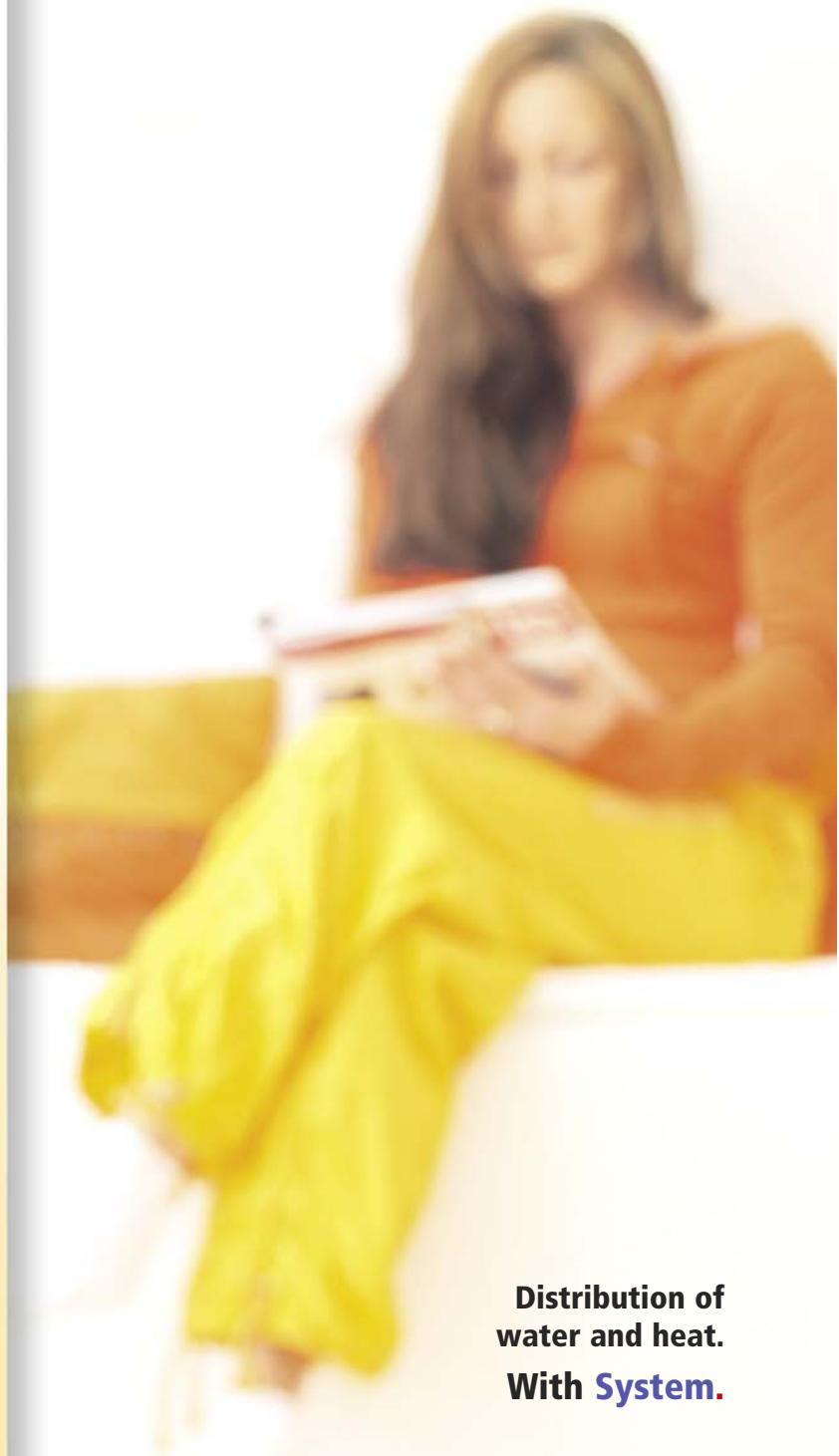
Mixing temperature injector

KaMo MTI



The advantages of the KaMo MTI:

- Easy connection and operation of radiator and floor heating system at one single manifold
- Thanks to the mixing temperature injector no circulation pump is necessary
- In combination with a manifold made from plastic ideal for heating and cooling



Distribution of
water and heat.
With **System.**

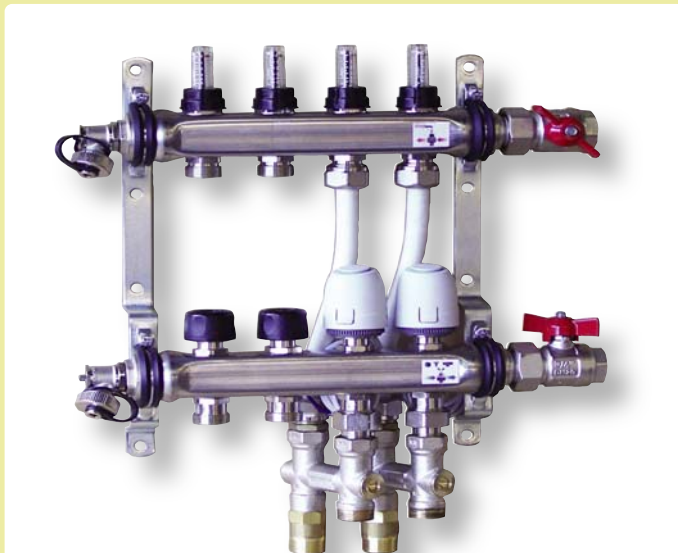
Mixing temperature injector

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.



Ideal interplay: KaMo manifold for heating applications HVE-FD with KaMo MTI

In this example two outputs are used for radiators, the other two outputs for the floor heating. Also available as pre-assembled **manifold unit** or with **manifold made from plastic**.

No circulation pump – no operating noises.

Thanks to its simple but very efficient system, the KaMo mixing temperature injector does not need any addition circulation pump. Thus, disturbing operating noises are avoided. And you are saving additional energy costs.

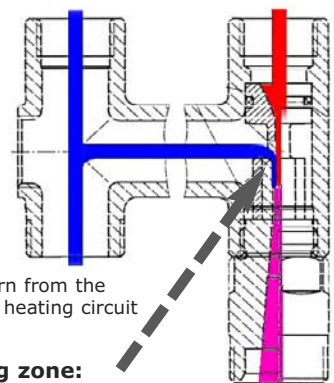
- KaMo MTI corresponds to the approved technical regulations (defect elimination).
- Flow and return shut-off according to DIN 1264-4.
- Only one heat meter is required per accommodation unit.
- KaMo MTI guarantees the temperature reduction conforming to standards for floor heating circuit.
- German user patent (Nr. DE 10259279 B3).

Perfect mixture:

For the flow temperature reduction, the MTI admixes permanently 50% of the return volume flow to the flow.

By this means, the temperature which is necessary for the operation of radiators is reduced to the flow temperature which is admissible for floor heating.

Return to the heat generator
Flow max. 70°C (from the heat generator)



Mixing zone:

Ca. 50% of the return volume flow

VL max. 55°C (zum FB-Heizkreis)

For the building installations and renovations: KaMo MTI – box

The KaMo MTI – boxes Klassik and Perfekt are especially suitable for the building installation and renovation of accommodation units, where a radiator heating system is already installed and a floor heating system shall be retrofitted.

The completely insulated boxes with the KaMo MTI are connected to the existing heating flow and supply the floor heating system with the flow temperature conforming to standards. The heat input can be controlled by a single-room control with thermal actuator, a thermostat valve or a fixed-command control valve with clip-on sensor.

