

Steam traps with membrane regulator MK series

Thermostatic steam traps for removing condensate from steam or for venting steam pipes

A distinguishing feature of the MK series is the outstanding responsiveness of the membrane regulator. It is especially suitable for heat exchangers whose operation is adversely affected even by minimal banking-up of condensate.

Use

Highly responsive steam trap for draining heating processes.

Especially recommended for use in:

- Saturated steam pipes
- Steam tracing
- Heating coils
- Air heaters
- Steam roller presses/iron presses
- Tyre presses

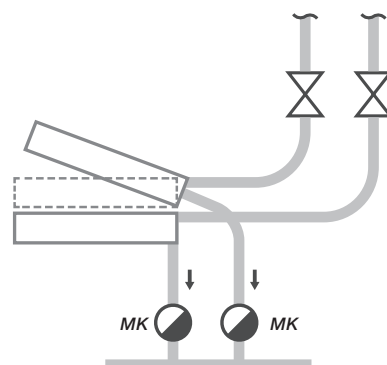
Moreover, the MK series is ideal for use as an extremely fast-acting air vent for steam systems.

Advantages

- Extremely fast response by the GESTRA thermostatic capsule
- Flat seat or tandem seat
- No loss of steam
- Function uninfluenced by upstream or back pressure
- Any installation position – in horizontal or vertical pipes
- Large hot water flowrates even at low differential pressure
- Inner parts of corrosion-resistant stainless steel
- Wear-resistant membrane film of Hastelloy
- Three different types of membrane capsules for different areas of use
- Long service life

Installation example

Tyre press



MK 20



MK 25/2, MK 25/2S



MK 35/31, MK 35/32



MK 35/2S, MK 35/2S3



MK 45-1, MK 45-2



MK 45A-1, MK 45A-2



MK 36/51

MK 45/45A in detail:

MK 45-1 with tandem seat guarantees maximum tightness and durability.

These traps work with the extremely responsive GESTRA thermostatic capsule. This enables them to perform drainage tasks in applications with very stringent control quality requirements. Condensate is discharged reliably and almost immediately.

Key data

- DN 15–25 (NSP ½"–1")
- PN 40/Cl 300
- Max. differential pressure: 32 bar
- Easy to install RHOMBUSline body with recessed body gasket and metal base bushing
- Integrated non-return valve action
- Dirt strainer with large surface area (Y-strainer)

Options

- Tandem seat with double, stepped seat for maximum, long-lasting tightness and small to medium condensate flowrates
- Flat, single seat for larger condensate flowrates
- Integrated steam trap monitoring for loss of steam and banking-up of condensate
- Blow-down valve
- Stainless steel version (MK 45A)

