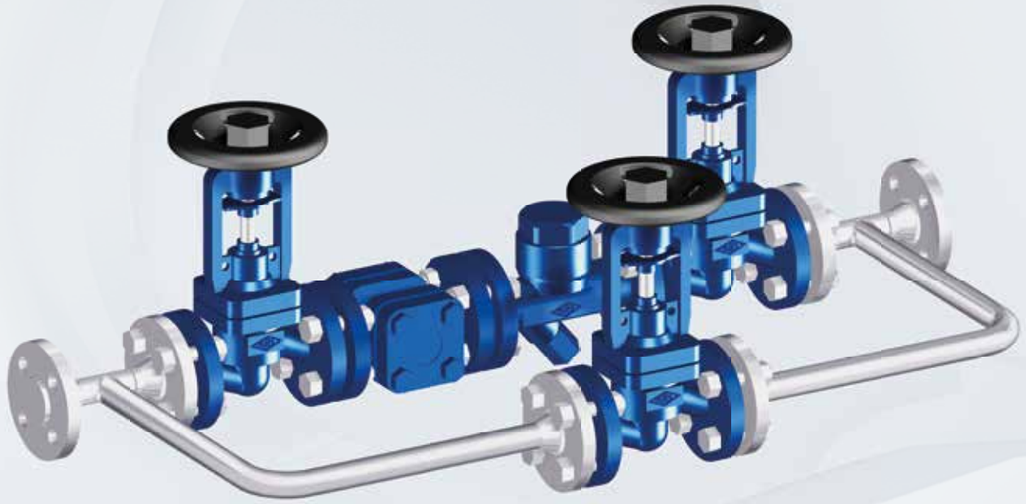
Steam Trap Stations



Steam Trap Stations

For draining steam users, separators and manifolds as well as for conventional pipeline drainage

The condensate produced is discharged through the ARI steam traps, which are precisely designed for the amount of condensate produced, and fed directly or indirectly via condensate recovery systems to the steam-condensate circuit. The design and dimensioning of the steam traps takes particular account of thermodynamic processes such as re-evaporation and pipe velocity. The steam trap stations are manufactured as a pre-assembled unit, with bypass if required, in the material to be considered.

The design and operating principle of the steam traps are specified for the corresponding applications and operating data.

- Completely assembled Plug & Work unit
- Safe construction
- Many additional options available

Discharge of condensate –
we handle it!

Separators

Separators

To separate the water droplets from the saturated steam

By draining off the water droplets, the service life of the downstream valves and components, such as control valves or pressure reducing valves, is considerably increased. A cyclone separator is a pressure-bearing vessel, designed in accordance with PED 2014/68/EU, in which the steam flow is diverted into a rotary motion. Due to the centrifugal force that occurs, the water droplets are flung against the outer wall of the separator and discharged downwards.

- Approx. 98% degree of dryness due to cyclone design
- Low pressure loss due to large-volume jacket
- Safe discharge of condensate

High-performance separator –
we handle it!