

Install and forget

Condensate Technology

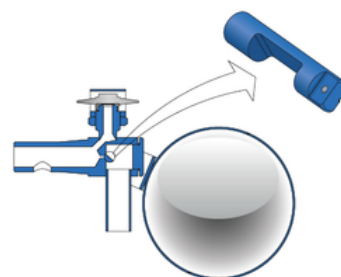
RIFOX products are developed according to our philosophy "Install and forget". Special features are our strength.

The unique Rotary-Slide-Valve Control Unit is developed to discharge condensate out of steam and compressed air systems, and cold gases out of liquid pressure systems.



Advantages of the unique Rotary-Slide-Valve-Technology:

- only one moving point
- regulating device together with shut-off device
- proportional control action
- exact, impact free and silent condensate discharge
- independent of pressure and temperature
- no whirlpool effect, consequently no loss of steam
- insensitive to contamination
- extremely long working life, little wear
- extremely low maintenance
- simple systems, few parts



Individual product development

Individual product development.

Microprocessor-based leakage testing monitors the production quality of RIFOX valves.



Certification & product classification

Certification according to DIN EN ISO 9001; 2012. Product performance and classification according to the Pressure Equipment Directive PED 97/23/EC; KTA 1401.



In-house manufacturing

CNC-manufacturing, turnery, welding, assembly, testing and painting.

Contact us



+49 2871 2713 0



sales@thenex.com

Thermostatic / Thermodynamic Steam Traps

Thermostatic Steam Trap

Membrane Capsule Steam Trap

This principle is called thermostatic. A special fluid between the membrane and the upper part of the housing evaporates and condenses only a few degrees below the boiling temperature of water. When the alcoholic fluid evaporates, the membrane and the disc are pushed against the outlet bore. The valve opens when the filling fluid condenses.

Advantages

- Secure function principle by adjusting to the saturated steam curve
- Discharging with defined undercooling (capsule type)
- Robust and solid
- Very good venting characteristics

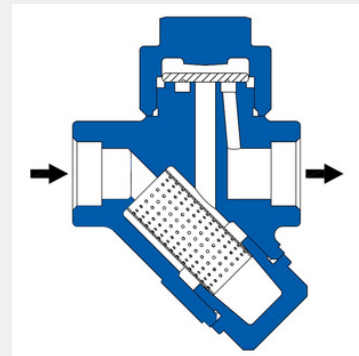
Thermodynamic Steam Trap

A short steam burst enters from below, flows around the disc inside the housing cap, is stopped and pushes the disc into the seat. The captured steam condenses and the operating pressure pushes the disc back into the open position.

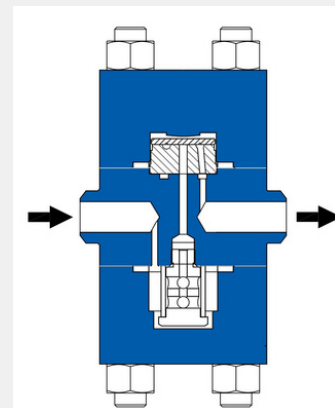
Advantages

- Adjusts very well to pressure differences
- Function acoustically checkable
- Robust, solid, inexpensive

RIFOX product examples Thermodynamic Steam Traps



RIFodyn RD 321, PN 40



RIFodyn RD 361, PN 250

Watch the operating principle

www.rifox.com/images/animations/Thermodynamische-Kondesatableiter-RIFodyn.mp4

Further brands are available like: GESTRA, SPIRAX SARCO etc.

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