

If the steam trap type and/or the size is not yet determined, we are offering our assistance for sizing.

Please use our calculating program myValve or send us the questionnaire on the backside containing the appropriate data.



myValve - Calculator

Contents:

Module ARI-steam traps CONA-calculation

- Sizing (calculation of steam trap systems with given flow capacity or heat capacity)
- Calculation of nominal diameter acc. to given pressure, condensate quantity, condensate sub-cooling and speed

Media:

- Steam (saturated and superheated)
- Compressed air

Special features:

- Project administration of the calculation and product data incl. spare part drawings concerning to project and tag number
- Direct output of calculation and product data in PDF format
- Product data could be taken for a direct order
- SI- and ANSI-units with direct conversion to another databank
- Settings with over pressure or absolute pressure
- All ARI steam traps are integrated in a databank
- Direct access concerning to the product on data sheets, operating instructions, pressure-temperature-diagram, controller characteristics and spare part drawings
- Operation in company networks possible (no complex installations on individually PC's necessary)
- Extensive catalogue extending over several product groups

System Requirements:

Windows operating systems, Linux, etc.

To ARI-Armaturen to the att. of Frau/Herrn _____ Fax No. +49 52 07 / 994 - _____

Customer:

Telephone:

.....

Fax:

Inquiry:

.....

E-mail:

Position:

Handled by:

Date:

Quantity:

Media: ☐ Steam-condensate ☐ Air ☐ Gas (what Gas ?)

Pressure: ☐ psi abs.

Temperature: ☐ °F ☐ K

What shall be drained ? ☐ Piping NPS ☐ Separator NPS

☐ Heat exchanger KW ☐ Others

NPS

If known:
☐ Pressure difference between steam trap inlet and outlet psi

☐ Condensate quantity lbs/h

Backpressure from the condensate-system **psi(g)**
☐ Condensate discharge into condensate return pipe (without pressure/ pressurized) psi(g)

☐ Vertical rise of the condensate pipe downstream of steam trap Lifting height inch

☐ Condensate discharge into a pressurized vessel
 (Condensate- or feedwater vessel) with psi(g)

☐ Others

Steam trap installation position:
☐ Vertical

☐ Horizontal

☐ Inlet from the left side

☐ Inlet from the right side

☐ Others

Pipe-connection:
☐ Flanges NPS ☐ Screwed sockets NPS

☐ Socket weld ends NPS ☐ Butt weld ends NPS

☐ Union butt weld nipples NPS ☐ Others

Problems with water- or condensate hammers ?
☐ yes ☐ Remarks

☐ no

Kind of business / application:
☐ Industry ☐ Chemistry ☐ Pharmacy ☐ Hospital

☐ Food ☐ Laundry ☐ Ship building

☐ Others