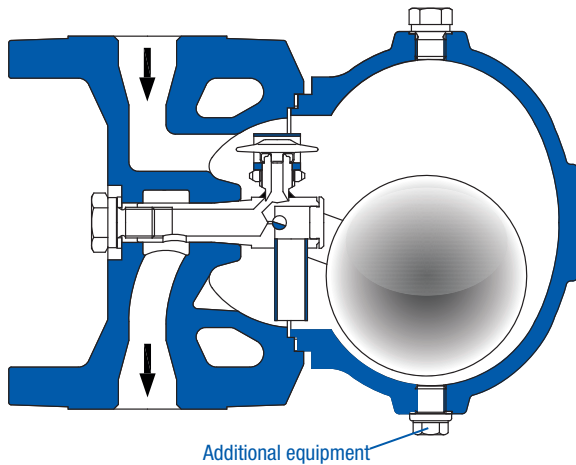




RIFOmat Float - Controlled Trap - Model Vario S

1000
PN 16/25



Flow Direction:



Vario WR



Vario WL

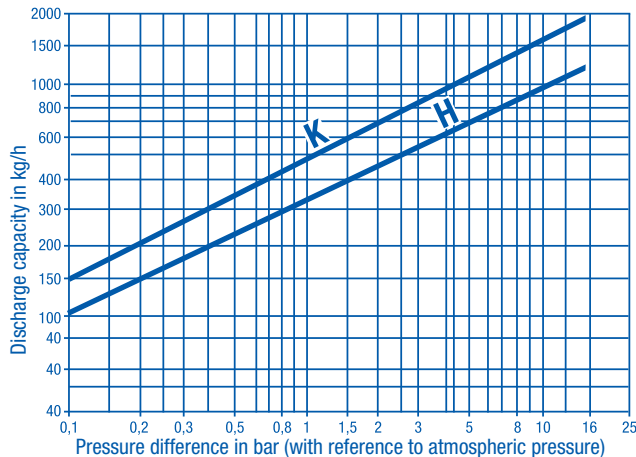


Vario SO

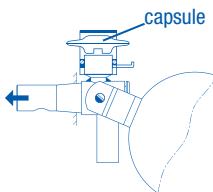


Vario SU

Discharge capacity:



The diagram shows the capacity of hot condensate (H) and cold condensate (K) up to 60°C.



RIFOKa-automatic venting (venting to interior):

For start-up and permanent venting with high venting capacity. A special liquid inside the membrane capsule evaporates and condenses only a few degrees below the boiling point of water.

Housing Material:

- EN-JS 1049

Nominal Diameter: DN15, DN20, DN25

Connections:

- Flanges DN15, DN20, DN25, according to DIN EN 1092-2, PN 16/25
- Flanges 1/2", 3/4", 1", according to ANSI B 16.5, Class 150
- Female thread G1/2", G3/4", G1" (BSP) according to DIN ISO 228-1
- Female thread 1/2", 3/4", NPT according to ANSI B 1.20.1
- Other connections on request

Nominal pressure stage: PN 16

Operation Limits:

max. operating pressure (bar g)	16	14,7	12,8	11,2
max. operating temperature (°C)	-10/120	200	300	350

Media: Steam and steam condensate

Function: Increasing level opens and decreasing level closes the outlet without delay, independent of pressure and temperature fluctuations. The rotary slide valve is both swivel joint and shut-off device.

Special characteristics: A float-controlled trap for all flow directions and face to face length according to DIN 3548, short series. The RIFOmat-Vario S will be assembled as specified by customer. A change of flow direction can be accomplished on site by merely rotating the housing flange and repositioning the float control unit. The RIFOKa-Venting to interior on the control unit is standard.

Function limit of the control unit: 15 bar g

Installation: Vertical or horizontal direction of flow (model WR, WL, SO, SU) as per illustrations.

Optional:

- Housing gasket made of Novapress

CE-Mark:

The pressure equipment described is a pressure-keeping component in accordance with the Pressure Equipment Directive 97/23/EC and since capacity is less than 1 litre, it bears no CE-mark, in accordance with Article 3, Subsection 3.

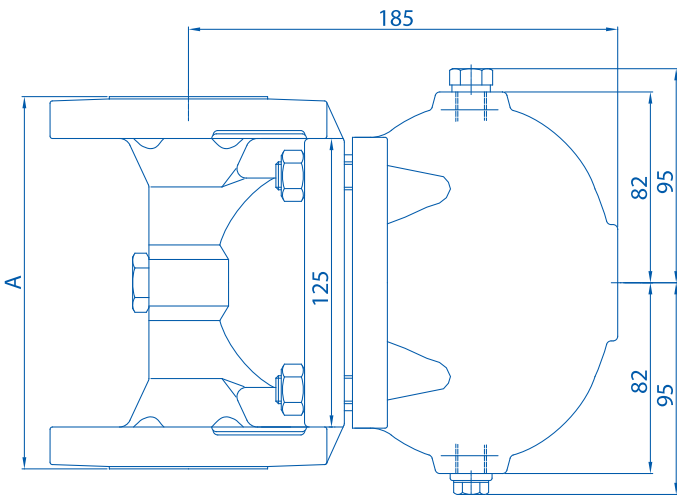
Please state the following when making inquiries/placing orders: Flow direction, Medium, density, initial pressure, counter-pressure, temperature, quantity of condensation (kg/h).



Installation Dimensions

1000

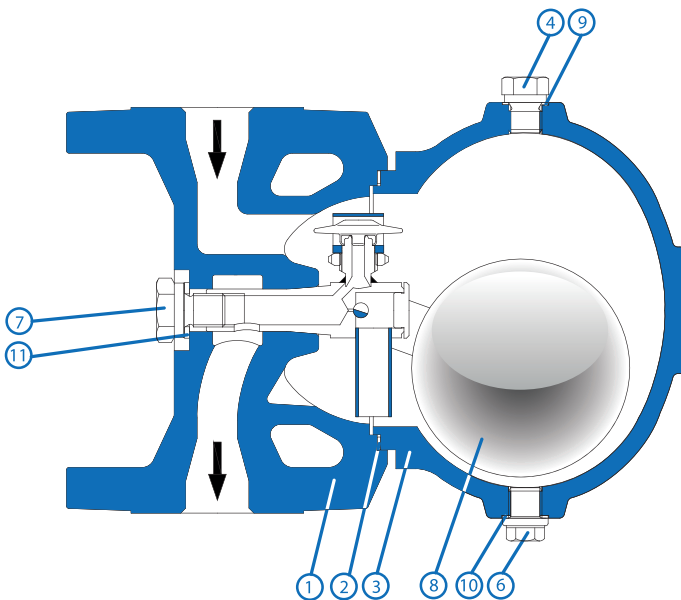
PN 16/25



Dimensions (in mm), Weights (in kg)

DN	15 (½")	20 (¾")	25 (1")
A	150	150	160
Weight	8	8	9

Spare Parts



- 1 **Housing flange part:** EN-JS 1049
- 2 **Housing gasket:** Novaphite
- 3 **Housing side part:** EN-JS 1049
- 4 **Control screw:** G¼" (BSP), 1.4104
- 5 **Housing screws:** DIN 939 / ISO 4032 (not visible)
- 6 **Drain plug:** G¼" (BSP), DIN 910 - 5.8
- 7 **Supporting screw:** 1.4104
- 8 **Float control assembly with built-on membrane capsule venting device RIFOka*:** 1.4057 / 1.4112 / 1.4301
- 9 **Gasket for control screw:** Soft iron
- 10 **Gasket for drain plug:** Soft iron
- 11 **Gasket for supporting screw:** 1.4571

* Single parts for the subassemblies cannot be supplied because of the requirements to tightness.

To ensure correct part delivery, please specify the works standard sheet number 1000, connection size, part number for spare part orders, cross-section for control unit spare part orders, which is to find at the control unit.