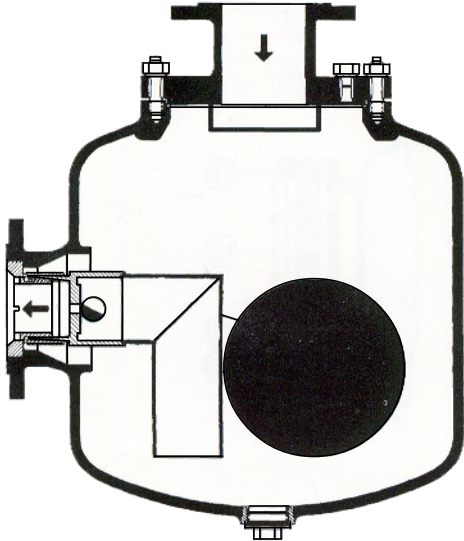




# RIFOX

## RIFOmat Float - Trap, Type EF 1118, PN25

**RIFOmat Float Trap , Type EF 1118, PN 25**



Type EF 1118

**Connection** : DN 80, 100. Flanges PN 40, connecting dimensions according to DIN 2635 / DIN 2501. Special flanges on request

**Nominal pressure stage** : PN 25

**Operation-limits** :

Permissible excessive operating pressure in bar	25	17
Permissible operating temperature °C	120	300

**Housing volume** : 62 l

**Media** : Steam, compressed air, pressure gases and cooling agent on request

**Function** : Increasing level opens and decreasing level closes the outlet without delay, independent of pressure and temperature fluctuation.

**Special characteristics** : Only one moveable point since the rotary slide valve is both swivel joint and shut-off device.

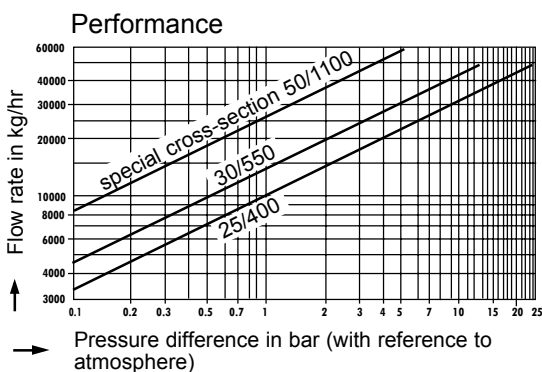
**Installation** : Angular type. Condensate inlet at top, outlet at side.

**Additional equipment against extra price** :

- Reflection water gauge (RWG) up to 243 C
- Please indicate whether it is to be installed with flow direction to right or left
- Vent jet, interior (only for steam)
- Separate automatic therm. venting to exterior (steam only)
- Built-in automatic therm. venting for interior (only for steam)
- Control with special cross-section 50/1100
- Float control assembly for special application
- Seals made of soft iron
- Blow-off valve for contaminants
- Mounting support

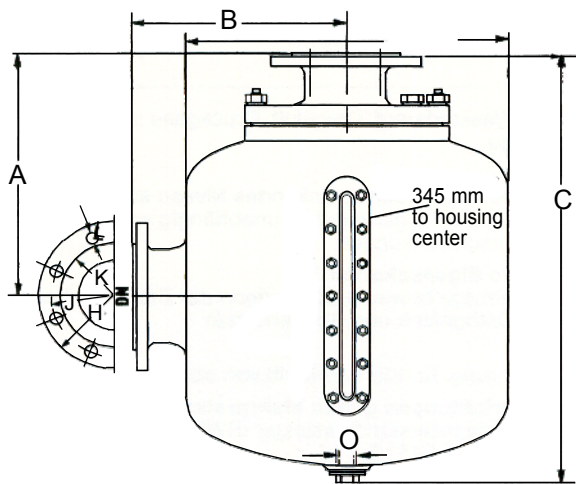
**Function-limit**

Float-control cross-section	Initial pressure in bar, excessive pressure	
	Steam	Compressed air
20 / 400	23	23
30 / 550	14	16
50 / 1100	5	6



Performance data refer to condensation from boiling. The performance is approx. 45% higher in the case of cold condensation.

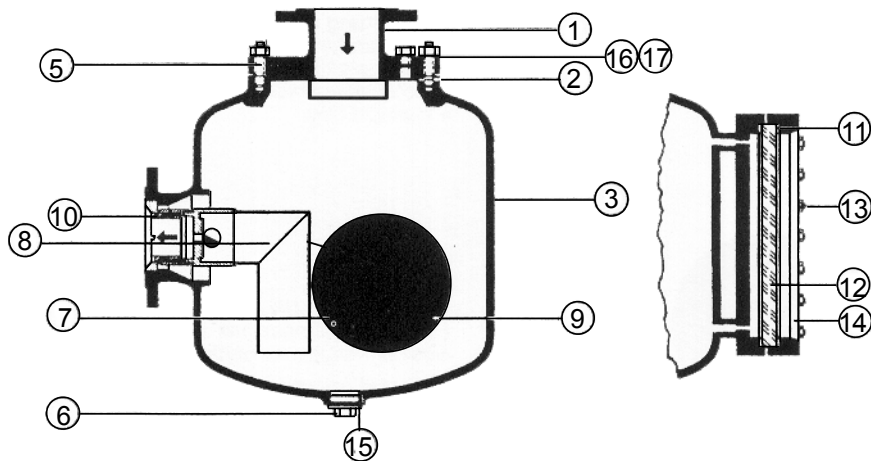
**Please state the following when making inquiries/ placing orders** : Medium, density, initial pressure, counter-pressure, temperature, quantity of condensation (kg/hr)



Dimensions (in mm), Weight (in kg)

DN	80	100
A	350	350
B	310	310
C	665	665
H	200	235
J	160	190
K	138	162
L	18	22
O	G1-1/2"	G1-1/2"
Weight without RWG	118	124
Weight with RWG	123	129

**Spare Parts For Type EF 1118 with material data**



- 1 Housing cover with flange : P 265 GH (H II) / C 22.8 / St 35.8
- 2 Housing seal : Soft iron ridge profiled
- 3 Housing : P 265 GH / C 22.8 / St 35.8
- 5 Set of bolts with reduced shanks and nuts : DIN 2510, 21 CrMoV 57 / 24 CrMo 5
- 6 Drain plug for contaminants : 9S20K G1-1/2"
- 7 Float control, complete including bush : SS 1.4057 / 1.4112 / 1.4301 / 1.4541 / 1.4571
- 8 Supporting structure with rotary slide valve and cotter pin\* : SS 1.4057 / 1.4112 / 1.4301 / 1.4541
- 9 Float with fork : SS 1.4301
- 10 Bush : SS 1.4571
- 11 Set of seals for RWG : poor graphite with SS
- 12 Ribbed Maxos glass : DIN 7081, Borosilikat
- 13 Set of studs with nuts : DIN 939 / DIN 934, A4-70/A4
- 14 Cover frame for RWG : P 265 GH
- 15 Seal : Soft material (asbestosfree), covered with Cu or soft iron
- 16 Control screw G1/4 : SS 1.4104
- 17 Seal : Cu or soft iron \*

\* Individual parts cannot be delivered for reasons of tightness.

In order to avoid wrong deliveries, please state the works standard sheet No. as well as DN in addition to the part number for spares orders and the cross-section for control spares.