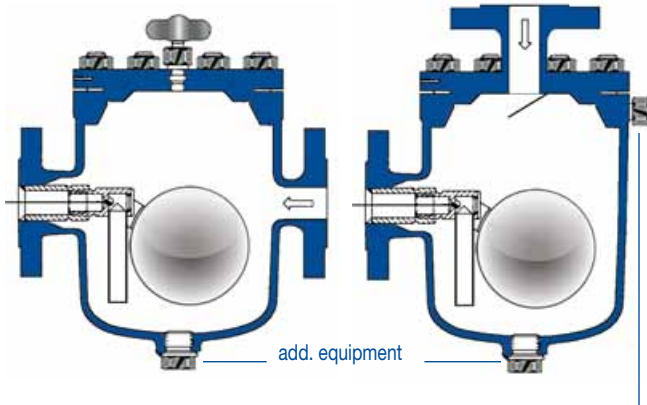




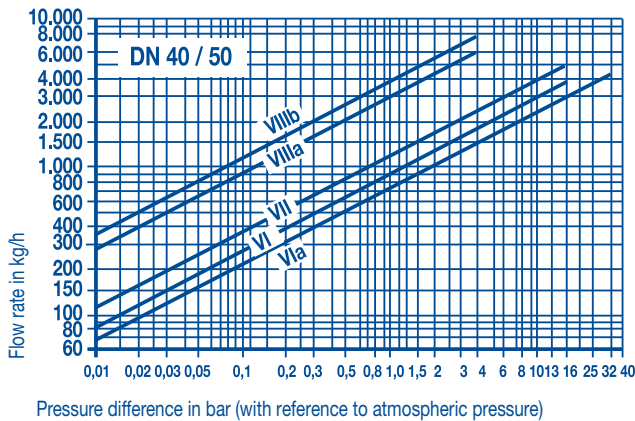
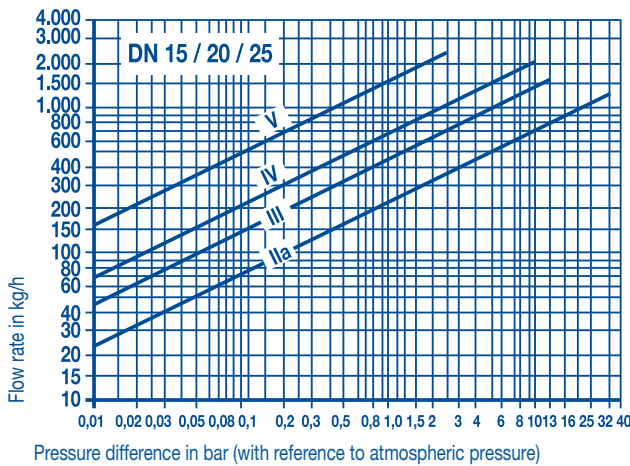
Model WO-1210

Model EF-1281



Control and venting screw illustrated repositioned

**Performance**



For the cold condensate the flow rate is higher because of medium temperature and density.

**CE - Mark**

The pressure equipment described is a pressure-keeping component in accordance with the Pressure Vessel Directive 97/23/EC.

**DN40/50:** Conformity through the ident. mark CE 0525.

**DN15-25:** acc. art.3, sub.3, no CE-mark.

**Housing-Material:** P265GH, P250GH, P235GH TC-1

**Connections:** Flanges DN 15, 20, 25, 40, 50, PN 40.  
Connecting dimensions according to DIN EN 1092-1.  
Special flanges e.g. acc. ANSI on request.

**Nominal pressure stage:** PN 40

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

**Function:** Increasing level opens and decreasing level closes the outlet without delay, independent of pressure and temperature fluctuations. Very simple functional check and vent possibility through stainless steel control valve.

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

**Installation:** Horizontal installation (model WO)  
Condensate inlet at top, outlet at side (model EF)

**Housing-Operation-Limits:**

Pressure in bar	40	37,1	33,3	27,6	23,8
Operating temperature °C	-10/20	100	200	300	400*

\* only with housing screws made of A4-70 (A193 B8M)

**Addition equipment against extra price:**

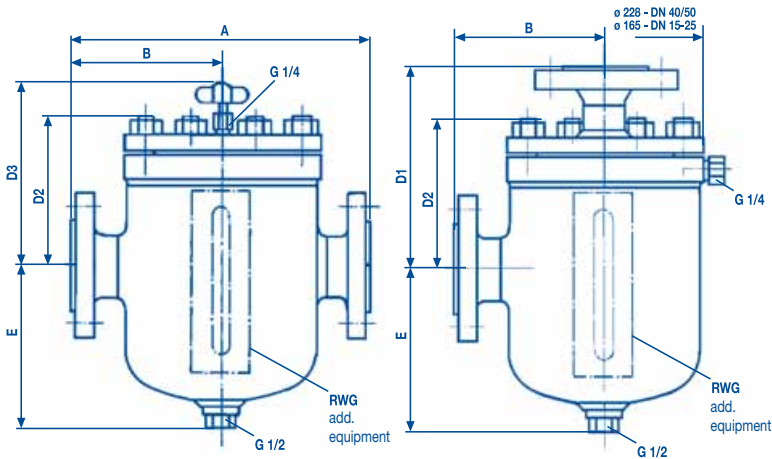
- Reflective water level indicator. Please specify if RH or LH installation required (looking in direction of flow). Operation limit 243°C.
- Housing seal: Soft iron, if requested
- Drain plug G 1/2"
- Blow-off valve for contaminant instead drain plug
- Internal vent valve (steam only)
- Gastight under-level control unit
- Float control for spec. cases
- With automatic RIFOka venting to interior for size DN 40/50 (ref. works standard sheet 1200)
- For compressed air and gases: connection for air/gas compensation
- Drift pin to remove and install float control.
- Limit switch

For special application the unit can be provided with a light float (medium density <<1). Range of applications on request.

**Function-limit:**

Cross-section	max. Line pressure in bar g	
	Steam	Compressed air
II a	32	40
III	13	15
IV	11	14
V	2,5	3
VI	17	24
VI a	32	32
VII	16	23
VIII a	4	5
VIII b	4	4,5

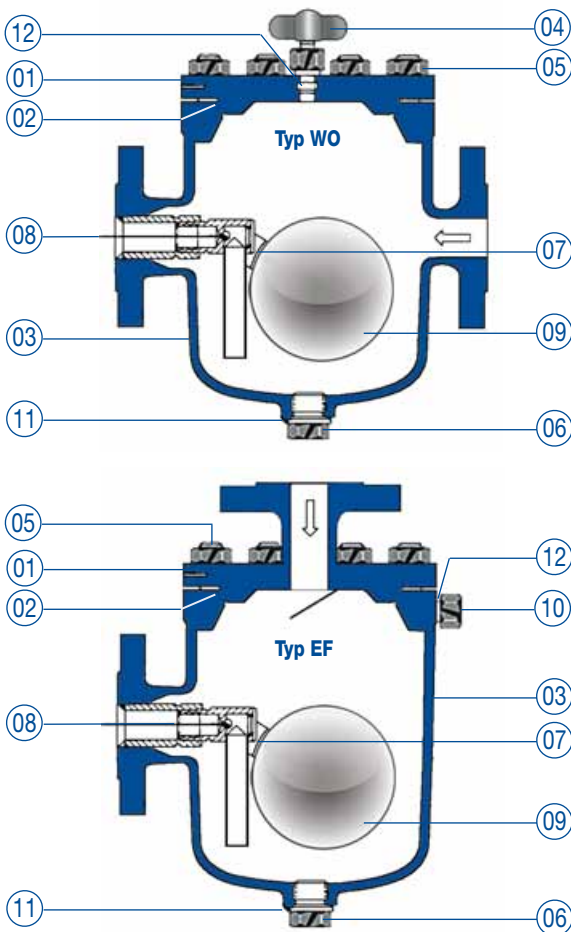
**Please state the following when making inquiries / placing orders:** Type, Medium, density, initial pressure, counter-pressure, temperature, quantity of condensation (kg/hr).



Dimensions (in mm), Weight (in kg)

DN	G1/2"-1"	15	20	25	40	50
A	240	240	240	240	335	345
B	120	120	120	120	167	172
D1	150	150	150	150	185	190
D2	120	120	120	120	160	160
D3	150	150	150	150	190	190
E	125	125	125	125	145	145
Weight	10,5	12	12,5	13	29,5	31,5
Weight with RWG	11,5	13	13,5	14	31	33

## Spare Parts



- 01 **Housing cover:** P265GH, P250GH
- 02 **Housing seal:** Cu or soft iron\*
- 03 **Lower part of housing:** P 265 GH, P250GH, P235GH TC-1 complete with mount for control: SS 1.4541
- 04 **Control valve:** Locking handle: SS 1.4057/plastic, Threaded union: SS 1.4104
- 05 **Set of studs with nuts:** for DN 15-25 made of 8.8 acc. DIN 939/934, for DN 40/50 made of A4-70 acc. DIN 939/934
- 06 **Drain plug for contamination:** G 1/2", 5.8
- 07 **Float control, complete:** 1.4057 / 1.4112 / 1.4301 / 1.4541 (1.4571\*)
- 08 **Supporting structure complete with rotary slide valve and cotter pin\*\*:** 1.4057 / 1.4301 / 1.4112 / 1.4541 (1.4571\*)
- 09 **Float with fork:** SS 1.4301 (1.4571\*)
- 10 **Control screw:** G 1/4", SS 1.4104
- 11 **Gasket for drain plug:** soft iron\*
- 12 **Gasket for control valve / control screw:** Cu or soft iron\*

In order to avoid wrong deliveries, please state the works standard sheet number as well as DN in addition to the part number for spares orders and the cross-section for control spares, which is to find at the control unit.

\* Depending on operating conditions.

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