

Separator

AT 4925, 4926, 4927

| | | | |
|-------------------------------------|--------------------|---------------------------------------|---|
| Dimension range DN 15-200 | PN 16-40 | Temperature range Max 400°C | Material Steel, Stainless steel |
|-------------------------------------|--------------------|---------------------------------------|---|

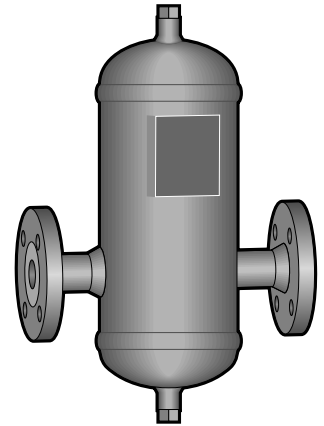
Range of Application

For separating condensate in steam systems where the driest possible saturated steam is pursued, i.e. before a consumption point.

Provides better heat transfer of the steam and reduces corrosion.

Install the separator i.e. up stream the pressure reducing unit down stream the main valve of the steam boiler when it occur water drops in the steam.

In compressed air systems for separation of condensate.



Quality Assurance

CE-marking

DN 15 fulfil PED 97/23/EC acc. to article 3.3.

DN 20-200 fulfil PED 97/23/EC, CE-marked.

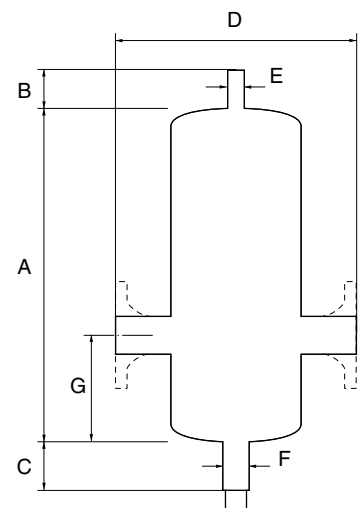
Material Specification

The separator is manufactured in steel SS 1430-01 alternatively stainless steel SS2343.

Dimension and Weight

| DN | A | B | C | D | E | F | G | Vikt |
|-----|-----|----|----|-----|-------|-------|-----|------|
| 15 | 250 | 30 | 40 | 176 | G 3/8 | G 1/2 | 85 | 3,4 |
| 20 | 275 | 30 | 40 | 189 | G 3/8 | G 1/2 | 90 | 4,9 |
| 25 | 300 | 30 | 40 | 214 | G 3/8 | G 1/2 | 100 | 6,9 |
| 32 | 325 | 30 | 40 | 240 | G 3/8 | G 1/2 | 110 | 10,6 |
| 40 | 350 | 30 | 40 | 268 | G 3/8 | G 1/2 | 115 | 16,6 |
| 50 | 400 | 30 | 40 | 319 | G 3/8 | G 1/2 | 130 | 30 |
| 80 | 750 | | | 410 | G 1/2 | G 3/4 | 310 | 52 |
| 100 | 810 | | | 475 | G 1/2 | G 3/4 | 325 | 73 |
| 150 | 950 | | | 650 | G 1/2 | G 1 | 285 | 135 |
| 200 | 950 | | | 650 | G 1/2 | G 1 | 285 | 141 |

Measurements in mm, weight in kg.



Function and Design

Through a combination of reduced flow velocity and the centrifugal effect inside the separator the water drops will be separated from the steam and the compressed air.

Pressure and Temperature

| | AT 4925, 4926, 4927 | AT 4926A | AT 4926H |
|-----------------------------|---------------------|-----------|-----------|
| | DN 15-50 | DN 80-150 | DN 80-200 |
| Working press. max. bar (e) | 32 | 16 | 25 |
| Working temp.. max. °C | 400 | 200 | 300 |

Installation

The separator shall always be mounted in horizontal position with flow acc. to

flow arrow.

For discharging of condensate from the separator shall a float trap be mounted, for steam AT 4490 respectively AT 8065 for air.

| Fig. no | Connection |
|-------------------|------------------|
| AT 4925 | External threads |
| AT 4926 DN 15-50 | Flanges PN 40 |
| AT 4926 DN 80-150 | Flanges PN 16 |
| AT 4926H | Flanges PN 40 |
| AT 4927 | Weld ends |

How to order

Example: AT 4925-15

| AT 4925 | -15 |
|--------------------------|--------|
| Fig.no. | DN |
| AT 4925=external threads | 15-50 |
| AT 4926=flanges PN 40 | 15-50 |
| AT 4926A=flanges PN 16 | 80-150 |
| AT 4926H=flanges PN 40 | 80-200 |
| AT 4927=weld ends | 15-50 |