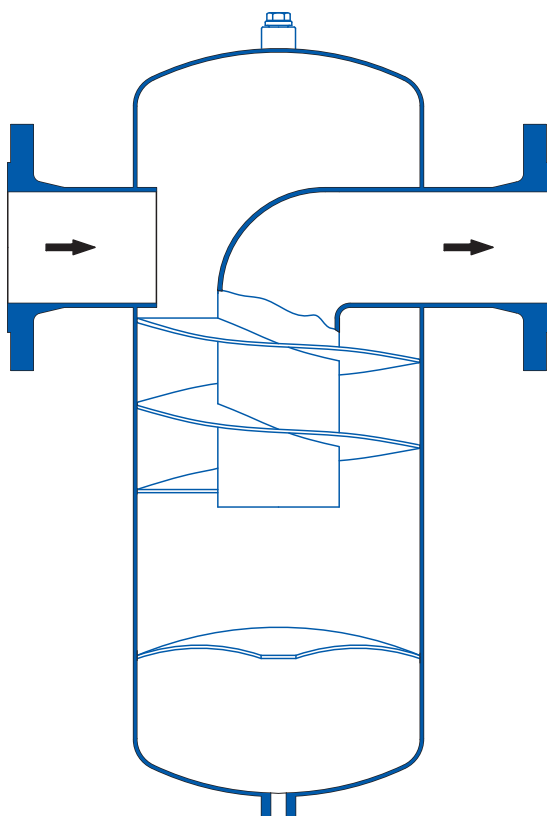


**Housing Material:**

- ASTM A312 TP 316L (1.4404 / 1.4432 / 1.4455) / ASTM A403 WP 316 L (1.4401) / ASTM A182 F316/316L (1.4404)

Nominal diameters: DN15, DN20, DN25, DN32, DN40, DN50, DN65, DN80, DN100, DN125, DN150, DN200, DN250, DN300

Connections:

- Flanges DN 15-300, acc. DIN EN 1092-1, PN16 & 40
- Flanges 1/2"-12", acc. ANSI B 16.5, Class 150 & 300
- Female thread G (BSP) acc. DIN ISO 228-1 on request
- Female thread NPT acc. ANSI B 1.20.1 on request

Nominal pressure stage: PN 16 - 40

Volume: Variable acc. nominal diameter (look at Table)

Media: Steam, compressed air and gases, which are in Group 2 according to PED European Pressure Equipment Directive 2014/68/EU.

Function: A control device makes the medium loaded with liquid swirled and rotating with high peripheral speed in the separating chamber thus producing centrifugal forces which eject the specifically heavier particles like water drops, dirt etc. The separated particles glide on the tank wall over to the collecting chamber. The dryness efficiency is approx. 98%. The purified gas (steam, compressed air) goes from the separator over to a central submerged pipe fitted with a blade ring with detaching edge preventing the liquid from running into the submerged pipe. The collecting room is shielded such as to prevent the separated liquid from being whirled up and entrained. The collecting room can be automatically evacuated by a RIFomat float trap.

Operation-Limits: PN16

max. operating-pressure (bar g)	16	16	13	12
max. operating-temperature (°C)	50	100	195	250

Operation-Limits: #150

max. operating-pressure (bar g)	16	16	13
max. operating-temperature (°C)	50	100	195

Operation-Limits: PN25 & #300

max. operating-pressure (bar g)	25	25	21	18
max. operating-temperature (°C)	50	100	217	300

Operation-Limits: PN40 & #300

max. operating-pressure (bar g)	40	40	32	30
max. operating-temperature (°C)	50	100	240	300

Special characteristics:

- robust design
- without movable abrasive parts
- without screen, without filling
- maintenance free

Installation:

- Directly in the pipeline before the consumer load

As option at additional charge:

- RIFomat float trap for automatic drain
- Special inspection (e.g. foreign rules)
- With holding brackets or feet and/or stand foots
- Add. connections, e.g. drain-flange connection
- Further special constructions deliverable

Please state the following when making inquiries / placing orders:

Medium, operating pressure, operating temperature, performance and nominal diameter.

CE - Mark:

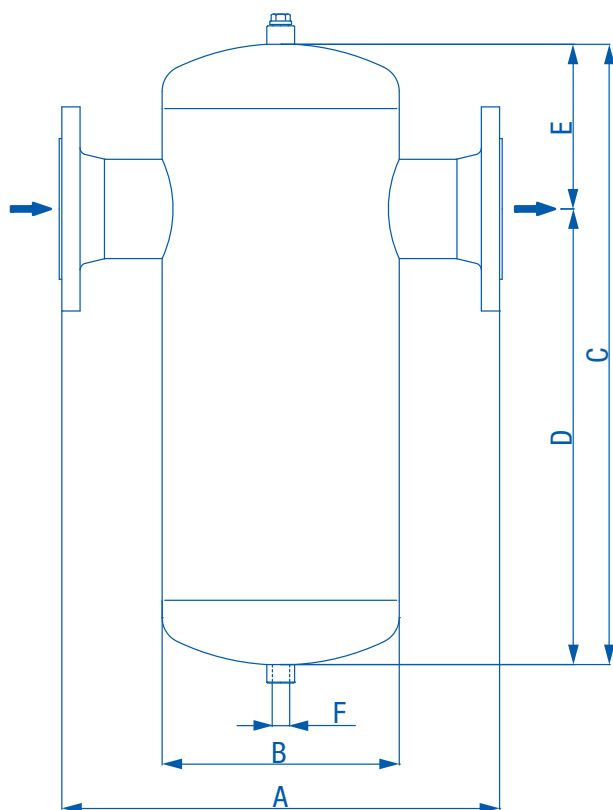
DN 15 - 25, PN 16: no CE
DN 32 - 300, PN 16: CE-Mark
DN 15 - 300, PN25/40: CE-Mark



Installation Dimensions

5050-N - 5250-N

PN 16 - 40



Housing: ASTM A312 TP 316 L (1.4404 / 1.4432 / 1.4455)
Heads: ASTM A403 WP 316 L (1.4401)
Inlet/outlet pipes: ASTM A312 TP 316 L (1.4404 / 1.4432 / 1.4455)
EN-Flanges: ASTM A182 F 316 / 316 L (1.4404)
ANSI-Flanges: ASTM A182 F 316 / 316 L (1.4404)
Sockets: AISI 304 / AISI 316 (1.4301 / 1.4401)
Internals: ASTM A479 / A276-316 / 316 L (1.4571)

Dimensions (in mm), Volume (in l), Weight (in kg)

Flange connections acc. EN 1092-1 or rather ANSI B 16.5												
DN	A (PN16)	A (PN25)	A (PN40)	A (#150)	A (#300)	B	C	D	E	F	Volume*	Weight**
15	230	230	230	250	259	114	260	190	70	1/2"	2	5
20	230	230	230	255	264	114	260	185	75	1/2"	2,5	6
25	230	230	230	262	274	114	300	200	100	1/2"	3	7
32	260	260	260	290	306	140	395	285	110	1/2"	5	12
40	260	260	260	294	307	140	435	320	115	1/2"	5,7	13,8
50	310	310	310	341	354	168	505	385	120	1/2"	10,5	19,5
65	380	394	394	430	442	219	550	410	140	3/4"	18,5	32
80	400	416	416	440	459	219	610	462	148	3/4"	25	38
100	485	511	511	533	553	273	715	528	187	3/4"	35,4	57
125	535	561	561	605	622	324	845	630	215	1"	50	81,5
150	585	605	605	635	662	356	962	692	270	1"	75	153
200	605	641	657	685	703	406	1170	880	290	1"	140	195
250	720	756	790	784	815	508	1540	1140	400	1 1/2"	280	321
300	840	868	914	913	944	610	1700	1172	528	1 1/2"	400	465

* Volume refers to PN16. Its value decreases slightly at higher pressure stages.

** Weight refers to PN16. Its value increases at higher pressure stages PN25/40.

To ensure correct parts delivery, specify part number, works standard sheet number 5050-N (PN16)- 5250-N (PN40) and DN.