



ADCAPURE Water separator Type: 8849 Series: S11A Stainless steel Tri-clamp ASME-BPE



The ADCAPure series S11A centrifugal separator with air-vent connection removes moisture from steam lines. When wet steam is used in sterilisation, moisture in suspension reduces heat transfer efficiency and the reliability of the sterilisation process will be compromised.

Steam passes through the separator and due to centrifugal forces, impact and swirl effects, particles such as water droplets and moisture with heavier specific gravity in the suspension, are separated. The condensate thus collected at the bottom of the separator should be automatically drained by a suitable condensate trap.

Characteristics

Series: S11A

Type: 8849

Process connection: Tri-clamp

Standard connection: ASME-BPE

PMA - maximum allowable pressure: 10 bar bij 50 °C

TMA - maximum allowable temperature: 200 °C at 7.4 barg

Minimum allowable operating temperature: -10 °C

Max. saturated steam pressure: 8 barg at 175 °C

Operating temperature: -10 / 200 °C

Housing material: Stainless steel

Material quality: 1.4404

Material insert: Roestvaststaal RVS 316L [1.4404]

Seals: FKM/PTFE

Internal roughness value: $\leq 0.51 \mu\text{m Ra} - \text{SF1}$

External roughness value: $1.6 \mu\text{m Ra}$

Mounting direction: Horizontaal

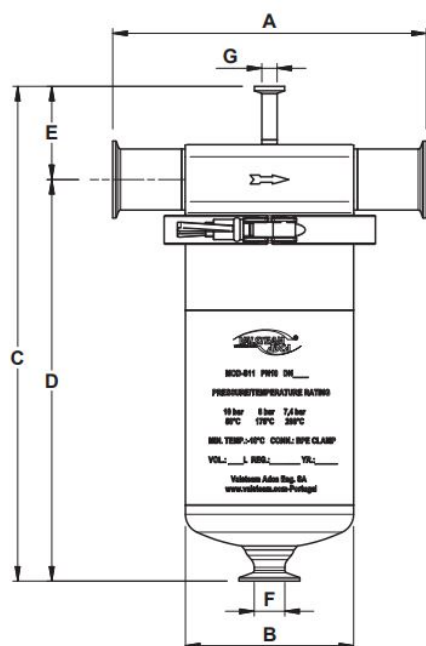
Flow direction: through arrow marking on housing

Approvals: PED 2014/68/EU fluid group 2

With aeration connection: Yes

Application

- Clean steam.
- Compressed air.
- Gases that do not affect the construction.



Size table:

Dimension	A	B	C	D	E	F	Weight
	mm	mm	mm	mm	mm	mm	kg
1 1/2"	235	141	416	338.5	77.5	50.5	7.25
1/2"	215	114	345	283.5	62.5	25	3.8
1"	215	114	345	283.5	62.5	50.5	4.2
2"	260	141	416	338.5	77.5	64	7.28
3/4"	215	114	345	283.5	62.5	25	3.9

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Size process connection	Pressure rating	PED classification	Article
1.1/2"	PN10	CE Cat. I	14543778
1/2"	PN10	PED-SEP	14543775
1"	PN10	PED-SEP	14543777
2"	PN10	CE Cat. I	14543779
3/4"	PN10	PED-SEP	14543776

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