



ADCA Vent valve type 8986 series AE16SS stainless steel internal thread

De-aerator made entirely of stainless steel for removing air and other non-condensable gases from HVAC systems. This float-ball de-aerator can be used with other de-aeration and air separation systems. Furthermore, the AE16SS series can also be used independently by placing it directly at the highest points in the system.

Characteristics

Series: AE16SS

Type: 8986

Model: Air vent

Housing material: Stainless steel 316 [1.4408]

Material connection piece: Stainless steel 316 [1.4408]

Connection: Internal thread

Standard connection: ISO 7/1 Rp

Maximum pressure difference: 12 bar

PMA - maximum allowable pressure: 16 bar

TMA - maximum allowable temperature: 250 °C

PMO - maximum operating pressure: 14 bar

TMO - maximum operating temperature: 150 °C

Float material: Stainless steel SS 304 [1.4301]

Material valve: FPM

Seat material: Stainless steel 316 [1.4401]

Valve in inlet: No

With non-return valve: No

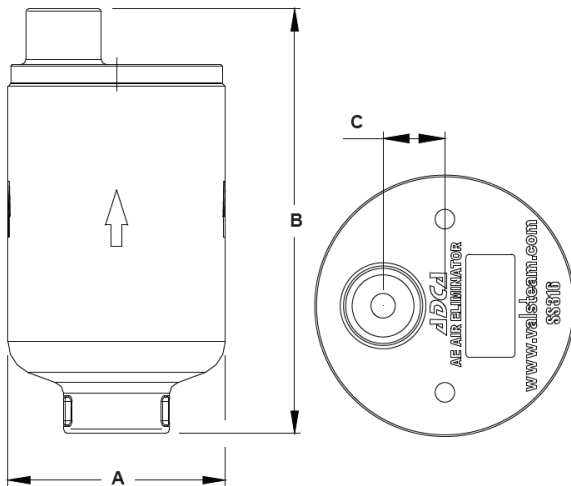
Min. specific density of liquid: 0.75 kg/dm³

Approvals: PED 2014/68/EU fluid group 2

PED classification: PED-SEP

Application

- Water.
- Non-corrosive and/or hazardous toxic liquids to which $\rho > 0.75 \text{ kg/dm}^3$ applies.



Size table:

A	B	C	Weight
mm	mm	mm	kg
78	152	19	1.5

Capacity table in nl/min											
Pressure difference											
Version	Dimension of connections	0.5 bar	1bar	2bar	3bar	4bar	5bar	6bar	7bar	8bar	10bar
AE30SS	1/2"	47	70	109	145	182	218	255	291	327	400
AE30SS	3/4"	31	46	72	96	120	144	168	192	216	241

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Capacity table in nl/min											
Pressure difference											
Version	Dimension of connections	0.5 bar	1bar	2bar	3bar	4bar	5bar	6bar	7bar	8bar	10bar
Values shown for air discharge at 15°C below average atmospheric pressure (1013mbar).											
It is assumed that the air temperature is equal to the water temperature.											
Correction capacity if air temperature is $\neq 15^{\circ}\text{C}$: Capacity $\times \left(\frac{288}{273 + T} \right)$, where T = current temperature											

Connection size	Nominal inner diameter	Pressure rating	Article
			13662070
1/2" BSP	DN15	PN16	14479173
1/2" BSP	DN15	PN16	14479172
3/4" BSP	DN20	PN16	14479163
3/4" BSP	DN20	PN16	14479162

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