

CENTRIFUGAL AIR SEPARATORS AS

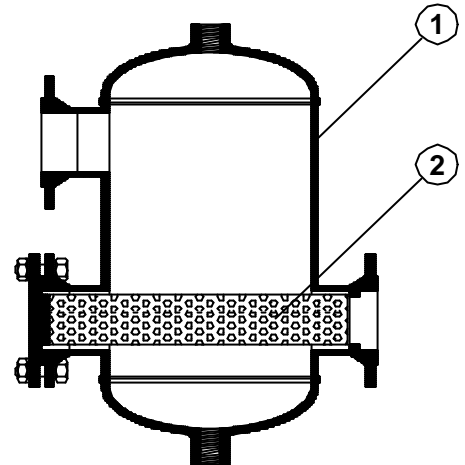
DESCRIPTION

The AS air and dirt separators are designed for use in the flow line of a hydronic heater or cooling system. The operation is based on the principle of centrifugal force, due to the tangential mounted connections.

ADCA AS units provides maximum separation efficiency while minimizing space requirements.

The inside strainer protects against any dirt present in the system such as sand, welding residues, etc. The strainer screen position has a particular advantage compared with external pipe strainers because the dirt is removed from the water flow and is collected in the reservoir bottom avoiding pressure drop increasing.

Connections are female screwed or flanged.



OPTIONS: Galvanised and complete stainless steel construction.

USE: To remove air and dirt in hydronic heating, cooling and pumping systems.

AVAILABLE MODELS: AS/S - carbon steel body.
AS/SZ - zinc plated body.
AS/SS - stainless steel body.

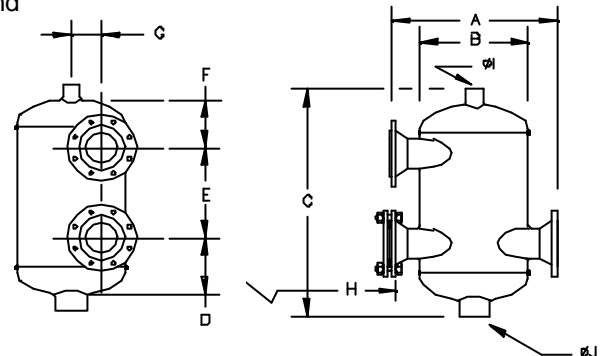
SIZES: Screwed: DN1" to DN4".
Flanged: DN25 to DN200

CONNECTIONS: Female screwed ISO 7/1Rp (BS21)
Flanged DIN. Special flanges upon request.

INSTALLATION: Horizontal installation.
An ADCA AE series air eliminator is recommended to remove the air.

Note:

Max. flow based on 0,1 bar pressure drop.
Dimensions subject to change without notice.
Consult factory for certified dimensions.
Other sizes and air separators without strainer, can be supplied under request.



PMA: Max. allowable pressure 16 bar
TMA: Max. allowable temperature 200 °C
PMO and TMO figures subject to local regulation.

MATERIALS

POS. NR	DESIGNATION	MATERIAL
1	BODY	CARBON STEEL
2	STRAINER SCREEN	STAINLESS STEEL

How to order: i.e. AS/S DN 2" BSP.

DIMENSIONS (mm)

SIZE DN	A	B	C	D	E	F	G	H	I	J	FLOW m ³ /h	VOL dm ³	WGT Kg
50	415	324	490	140	210	140	108	412	¾"	¾"	18	34,8	4,2
65	415	324	490	140	210	140	102	412	1"	1"	30	35,5	4,5
80	480	324	490	145	200	145	93	428	1"	1"	43	36,4	4,9
100	530	324	930	240	355	240	86	530	1 1/2"	1 1/4"	75	7,1	8,2
125	610	406	980	264	362	264	114	610	1 1/2"	1 1/4"	125	11,7	12,4
150	660	457	1080	305	356	305	127	660	2"	1 1/2"	200	16,2	15,6
200	815	610	1350	375	469	375	178	813	2"	1 1/2"	340	35,9	27,7