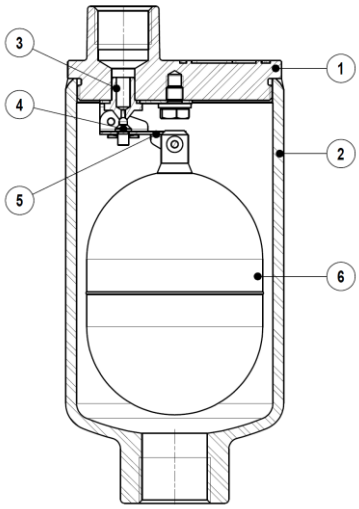
AIR ELIMINATORS FOR WATER SYSTEMS
AE30SS

DESCRIPTION

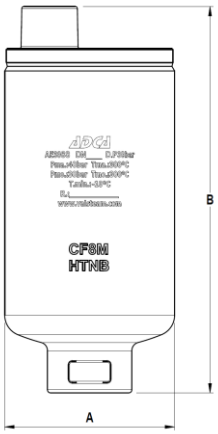
The AE30SS all stainless steel sealed body air eliminator removes air from hot and superheated water systems and is also suitable for all liquids compatible with the construction, providing that their specific gravity is not less than 0,75 kg/L. This ball float type automatic air eliminator can be used in combination with other air elimination and separation systems or directly applied at high points in the piping.
Connections are female screwed.

MAIN FEATURES: Corrosion-resistant.

USE:	Cold, hot and superheated water systems.
AVAILABLE MODELS:	AE30SS.
SIZES:	1/2" and 3/4".
CONNECTIONS:	Inlet 1/2" or 3/4" vertical. Outlet 1/2" vertical. Female screwed ISO 7/1Rp (BS21). ANSI B2.1 on request.
INSTALLATION:	Vertical installation. It must be installed absolutely vertically at the points in the plant where the air tends to collect. The drain should be piped to a safe position. See IMI – Installation and maintenance instructions.



DIMENSIONS (mm)			
SIZE	**A**	**B**	**WGT. (kg)**
1/2"	75	187	1,3
3/4”	75	187	1,3



BODY LIMITING CONDITIONS	
THREADED PN40 ALLOW. PRESS.	**RELATED TEMP.**
40 bar	100 ºC
33,7 bar	200 ºC
31,8 bar	250 ºC
29,7 bar	300 ºC

PMO – Max. operating press.: 30 bar
TMO – Max. operating temp.: 300 ºC

MATERIALS		
POS. Nº	**DESIGNATION**	**MATERIAL**
1	Body	CF8M / 1.4408
2	Cover	CF8M / 1.4408
3	Seat	AISI 316 / 1.4401
4	Valve	AISI 316 / 1.4401
5	Lever	AISI 304 / 1.4301
6	Float	AISI 316 / 1.4401

APPLICATION LIMITS	
Min. liquid specific weight	0,75 kg/dm^3
Maximum working diff. pressure	30 bar

FLOW RATE CAPACITY (L/min)																			
MODEL	**SIZE**	**DIFFERENTIAL PRESSURE (bar)**																	
		0,5	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**12**	**15**	**18**	**20**	**22**	**25**	**30**
AE30SS	**1/2" – 3/4"**	50	70	90	100	135	150	175	180	185	200	220	240	255	285	300	330	370	400

Capacities at a standard atmospheric pressure of 1bar and 20ºC.
If the temperature differs from 15ºC, the discharge capacity can be corrected by multiplying it by: $\frac{288}{273 + T}$, where T is the actual temperature in ºC.