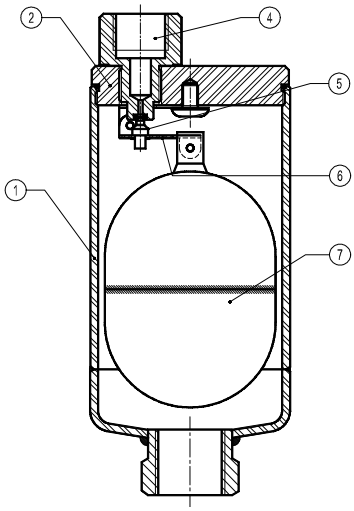
AIR ELIMINATORS FOR WATER SYSTEMS
AE30SS (Stainless steel)

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 0,75Kg/dm3.
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.

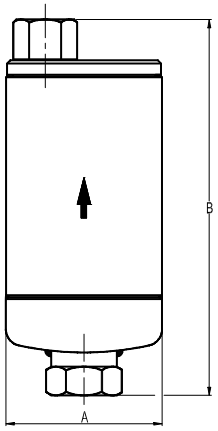
MAIN FEATURES: Corrosion-resistant.

USE:	Cold, hot and superheated water systems.
AVAILABLE MODELS:	AE30SS
SIZES:	DN ½" and ¾".
CONNECTIONS:	Inlet ½" or ¾" vertical. Outlet ½" 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 DN	A	B	WGT. Kgs
1/2"	75	187	1,3
3/4"	75	187	1,3



BODY LIMITING CONDITIONS

THREADED PN40 ALLOW. PRES.	RELATED TEMP.
40 bar	100 ºC
33,7 bar	200 ºC
31,8 bar	250 ºC
29,7 bar	300 ºC

PMO - Max. Op.pressure 30 bar
TMO - Max. Op.Temperature 300ºC

MATERIALS

POS.Nr.	DESIGNATION	MATERIAL
1	Body	AISI316 / 1.4401
2	Cover	AISI316 / 1.4401
4	Seat	AISI316 / 1.4401
5	Valve	AISI316 / 1.4401
6	Lever	AISI304 / 1.4301
7	Float	AISI316 / 1.4401

APPLICATION LIMITS

Min.Liquid specific weight	0,75 Kg/dm3
Maximum working dif. pressure	30 bar

FLOW RATE CAPACITY IN N 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.