

## 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/dm<sup>3</sup>.

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 1/2" and 3/4".

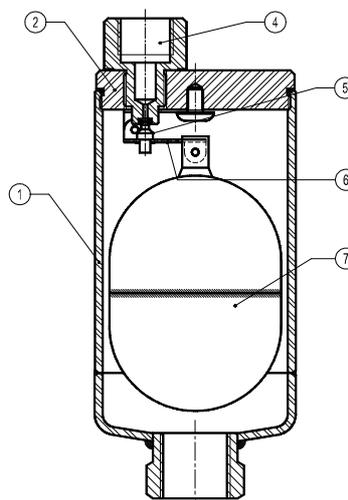
**CONNECTIONS:** Inlet 1/2" or 3/4" vertical.

Outlet 1/2" vertical.

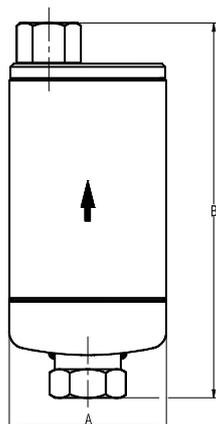
Female screwed ISO 7/1Rp(BS21)

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 DN	A	B	WGT. Kgs
1/2"	75	187	1,3
3/4"	75	187	1,3



BODY LIMITING CONDITIONS	
THREADED PN40	RELATED TEMP.
ALLOW. PRES.	
40 bar	100 °C
33,7 bar	200 °C
31,8 bar	250 °C
29,7 bar	300 °C

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

PMO - Max. Op.pressure 30 bar

TMO - Max. Op.Temperature 300°C

APPLICATION LIMITS	
Min.Liquid specific weight	0,75 Kg/dm <sup>3</sup>
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 20°C.

If the temperature differs from 15°C, the discharge capacity can be corrected by multiplying it by:  $\frac{288}{273 + T}$ , where T is the actual temperature in °C.