

GS CAST IRON AIR ELIMINATOR TYPE HA52

FEATURES

The cast iron air eliminator HA52 allows to eliminate the air or an incondensable gas on a circuit of liquid. Its implementation improves the flow of the fluid in the pipings, prevents the creation of noises and the corrosion by the oxygen and protect the pumps of circulation. Made in GS cast iron, the HA52 suits for a large number of applications. It must be installed in vertical position top of the volume to be drained.



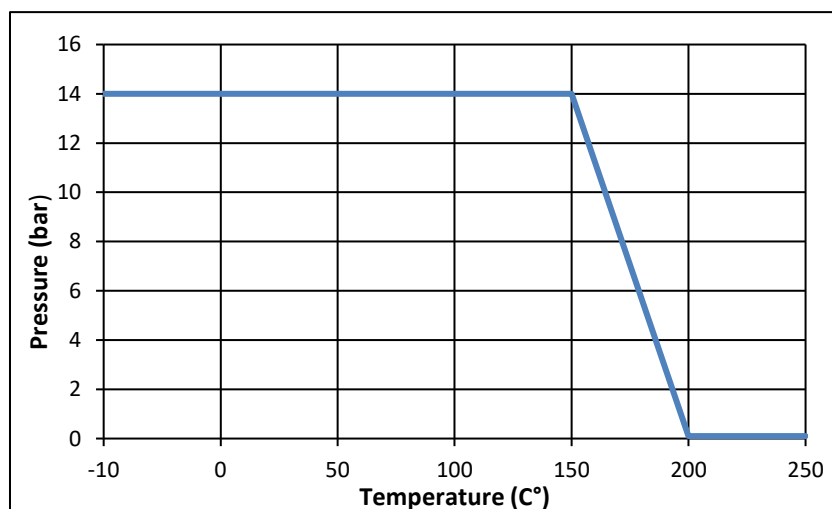
AVAILABLE MODELS

Connecting low : G 3/4"

Connecting blowhole: G 1/2"

LIMITS OF USE

Body calculation pressure :	16 bar
Max allowed fluid pressure : PS	14 bar
Max allowed fluids temperature : TS	-10 °C / +200 °C



REGULATIONS AND STANDARDS OF CONSTRUCTION

Item	Standard
Pressure equipment directive 2014/68	G 3/4" : A4 § 3 excluded
Stainless steel materials	EN 1503-3
BSP thread	ISO 228

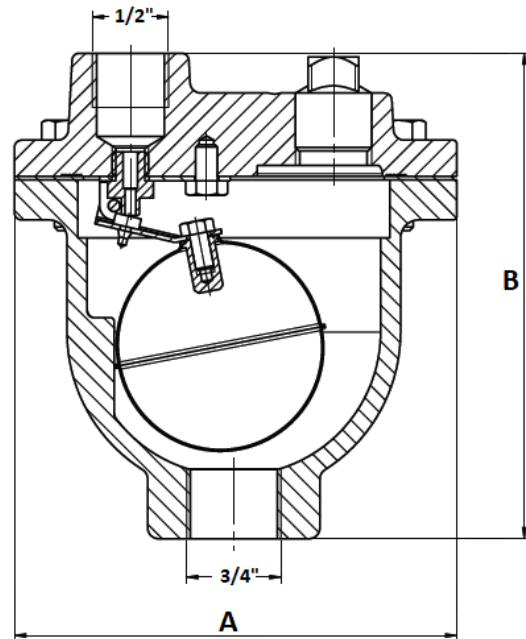
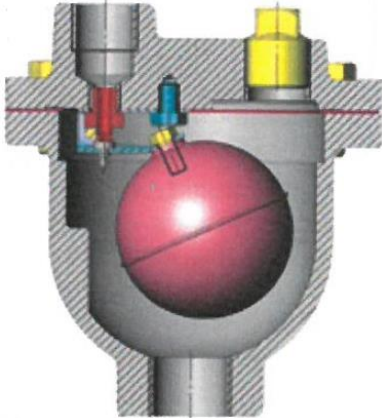
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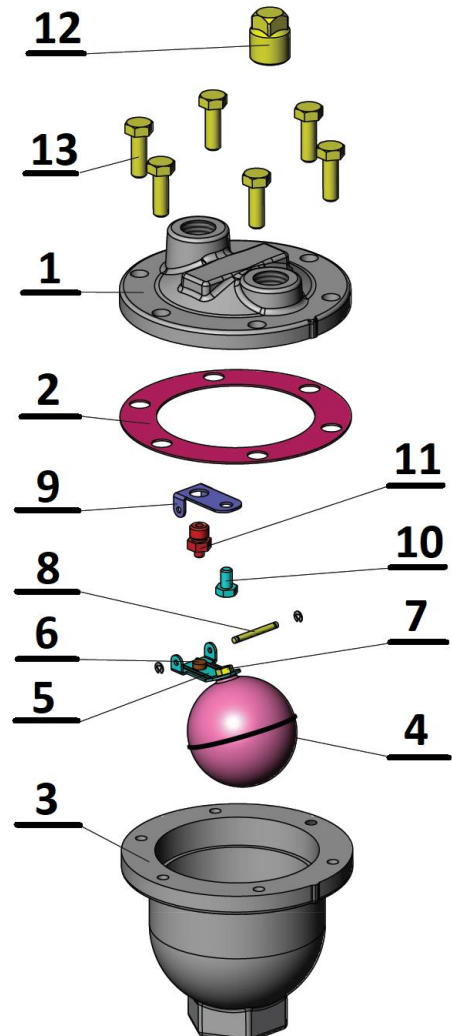
DIMENSIONS (mm) AND WEIGHT (kg)

DN	A	B	Weight (Kg)
3/4"	122	134	2,8



CONSTRUCTION

N°	Item	Material
1	Cover	GS EN-GJS-400-18 cast iron
2	Cover gasket	Graphit
3	Body	GS EN-GJS-400-18 cast iron
4	Float	AISI 316L Stainless steel
5	Float handle	AISI 304 Stainless steel
6	Liquid drainer orifice	Viton
7	Bolt	AISI 304 Stainless steel
8	Float stem	AISI 304 Stainless steel
9	Float handle part	AISI 304 Stainless steel
10	Bolt M6	AISI 304 Stainless steel
11	Seat	AISI 304 Stainless steel
12	Nut	St 37.2 carbon steel
13	Bolt M8	Steel

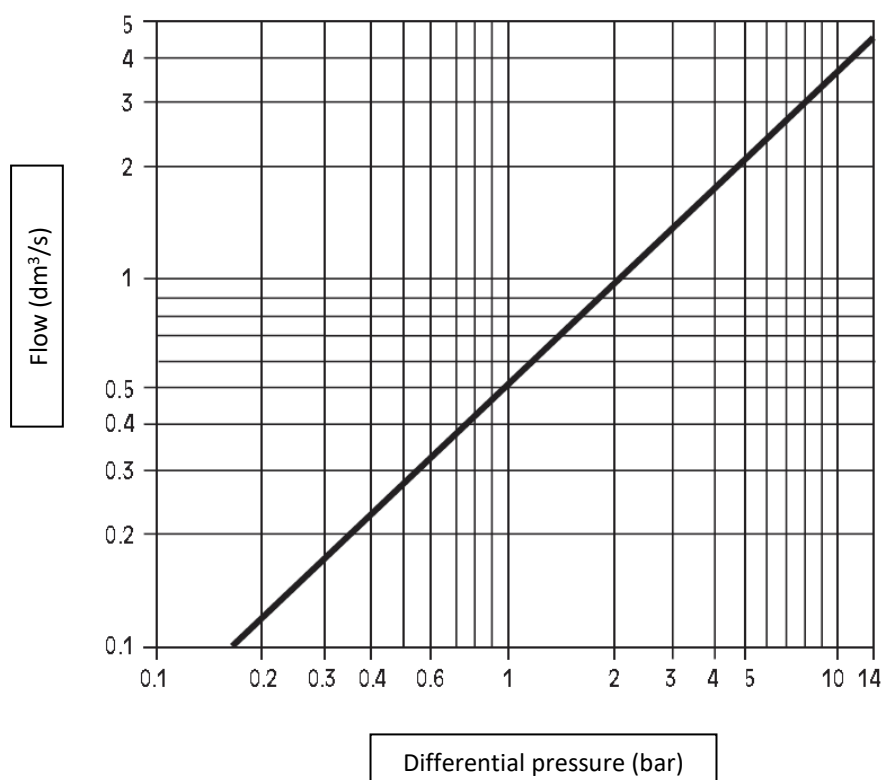


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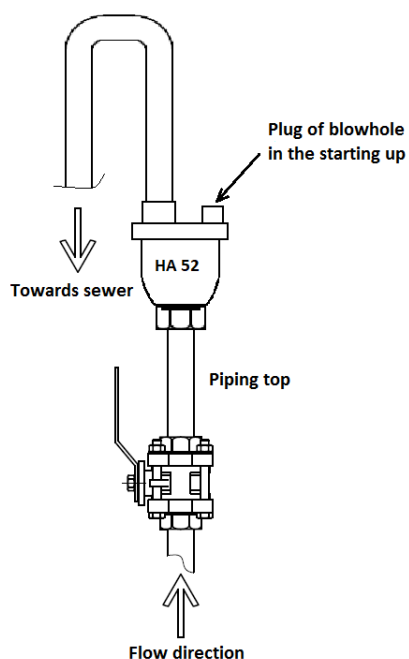
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ELIMINATOR FLOWRATE (dm³ /s)



MOUNTING

The HA52 eliminator must be installed on a vertical pipe at the top compared with the network to be drained. Upstream, it is recommended to install a full bore stop valve in 3/4 ". Respect the sense of assembly of the eliminator. Off-centered exit on the top. The exit of the eliminator must be rather connected towards a drain without danger.



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MAINTENANCE

It is not necessary to disassemble the trap from the pipe to proceed to his maintaining.

- 1 - Shutt-off the upstream valve.
- 2 - Drain the downstream line.
- 3 - Verify that there is no pressure and temperature inside the line.
- 4 - Unscrew the 6 bolts (item 13) of the cover (item 1).
- 5 - Verify the state of the float (item 4). Also verify the state of the lever and the seat (item 11).
Clean and/or replace the damaged parts if necessary.
- 6 - Replace the body gasket (item 2) and re-assemble the cover (item 1).

SPART PARTS

DN (Theard)	Body gasket	Drainer gasket	Float	Internal mechanism
1/2"	981205	981293	981254	981244

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