# HA52

## HA52..ZAV PN16 DN20 3/4"
## Ventil odvzdušňovací závitový

# GS CAST IRON AIR ELIMINATOR TYPE HA52

### FEATURES

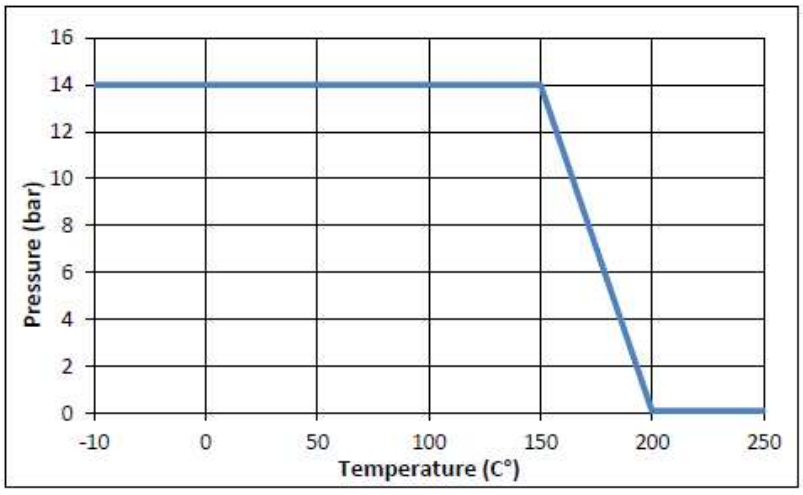
The cast iron air eliminator HA52 allows to eliminate the air or an incondensable gas on a circuit of liquid. Its implementation improves the flow of the fluid in the pipings, prevents the creation of noises and the corrosion by the oxygen and protect the pumps of circulation. Made in GS cast iron, the 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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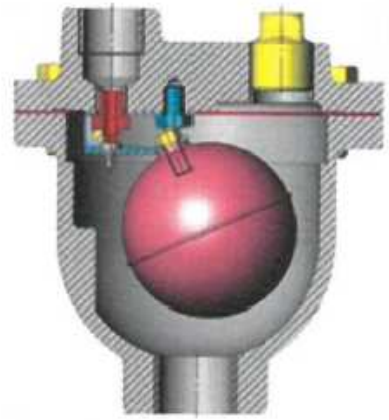
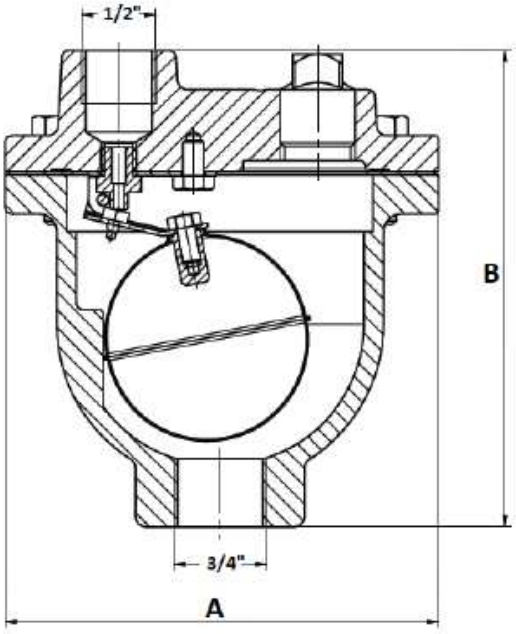
### DIMENSIONS (mm) AND WEIGHT (kg)

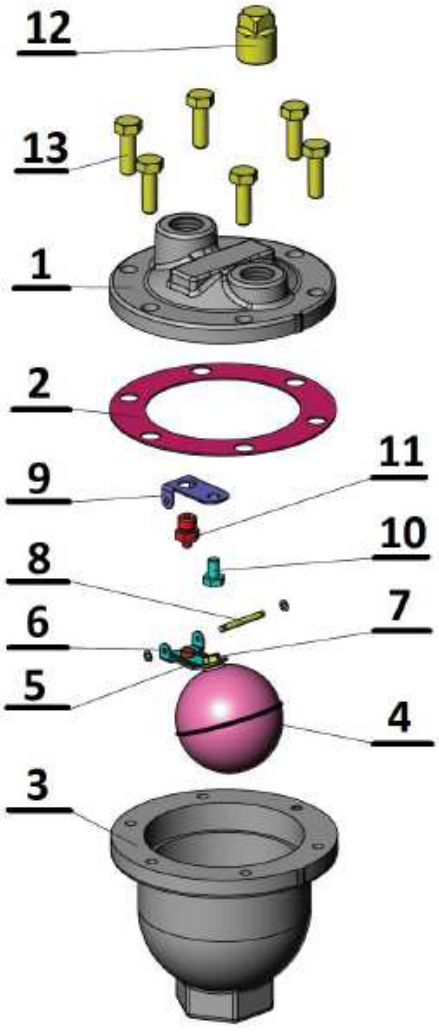
| DN | A | B | Weight (Kg) |
|---|---|---|---|
| 3/4" | 122 | 134 | 2,8 |






### 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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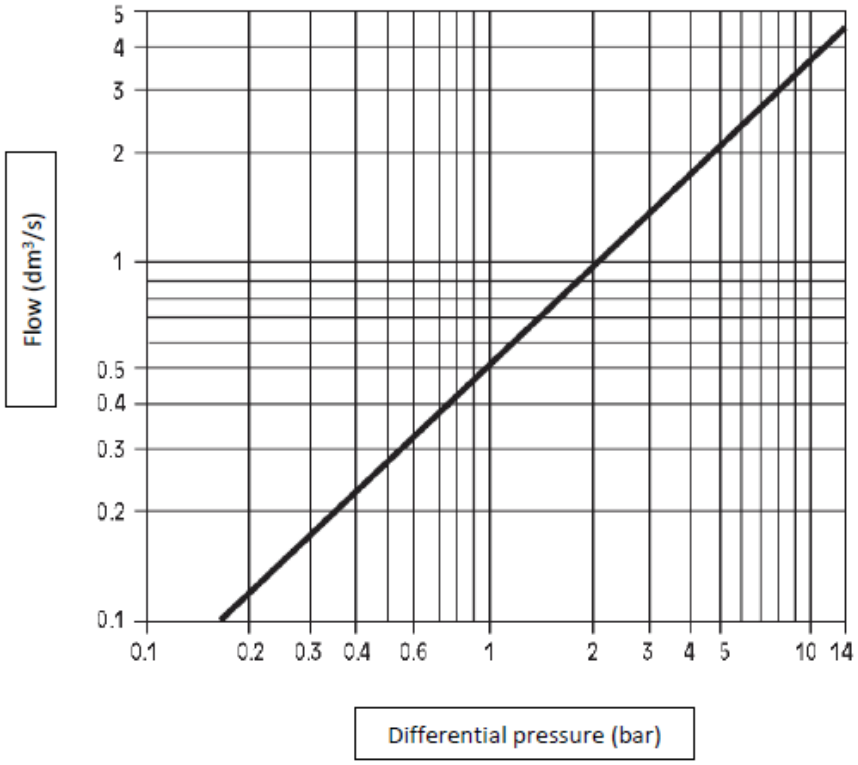
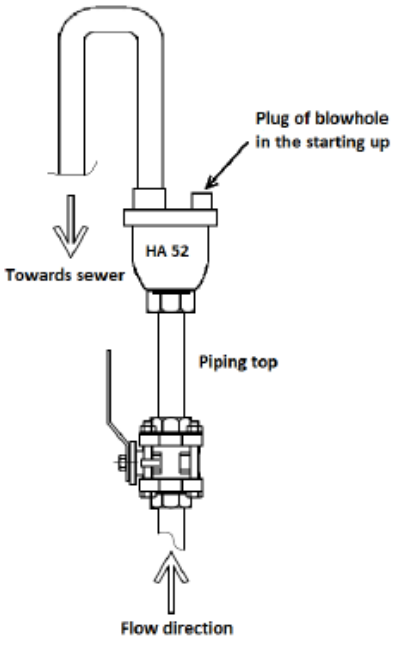
### ELIMINATOR FLOWRATE (dm3 /s)




### 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 |