

**MXT-5248000000 / MXT-5248100000**

**HA 52 / HA62**



## AIR DRAINER (FOR LIQUID APP.)

### GENERAL FEATURES

#### Pressure:

Note that there may be pressure in the pipeline where the air blower is connected before servicing. If there is pressure in the system pressure it must be discharged safely.

#### Temperature:

Be careful of the temperature of the air blower before maintenance. May cause physical injuries. Wait for the temperature to return to normal.

#### Operation:

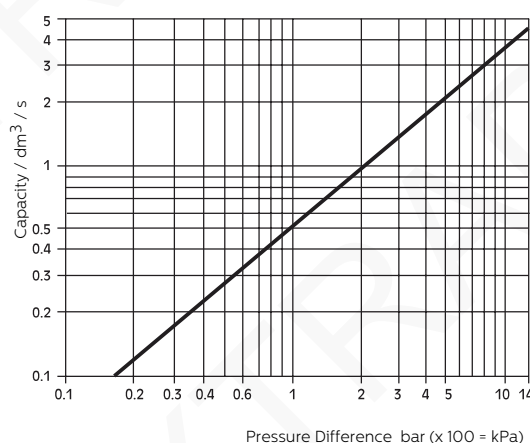
The HA-52 air drainer is used to remove air and gases from the system, especially in heating and cooling lines and other fluid liquid systems. Aeration is performed by a float and lever.

When air or other gases come in to the device, the valve opens and starts evacuation. When water arrives, it lifts the float and closes the orifice. Sealing against water is ensured. This cycle continues automatically.

| WORKING CONDITIONS    |        |
|-----------------------|--------|
| Max. Working Pressure | 16 bar |
| Max. Working Temp.    | 200°C  |

#### Installation:

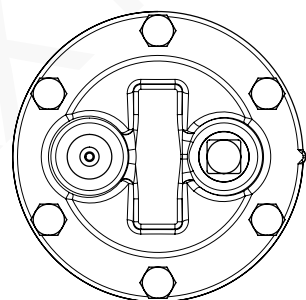
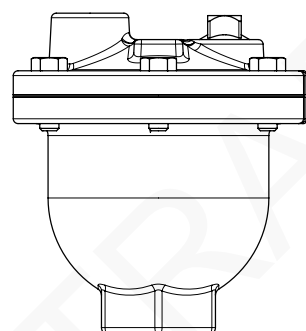
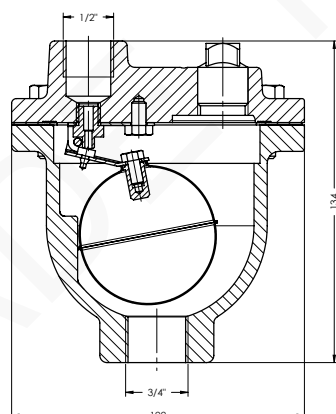
- The air drainer should be mounted at the highest point system.
- Do not use elbows on entry lines. Use one valve in front of the entrance, so you can isolate the air drainer from the system for repair and cleaning.
- It can be installed horizontally but it should not be preferred except in very obligatory situations.



|                                     |
|-------------------------------------|
| HA-62<br>Dia. (inc.)<br>3/4" x 1/2" |
|-------------------------------------|

|  |
|--|
| HA-52<br>Dia. (inc.)<br>1/2" x 1/2"<br>3/4" x 1/2" |
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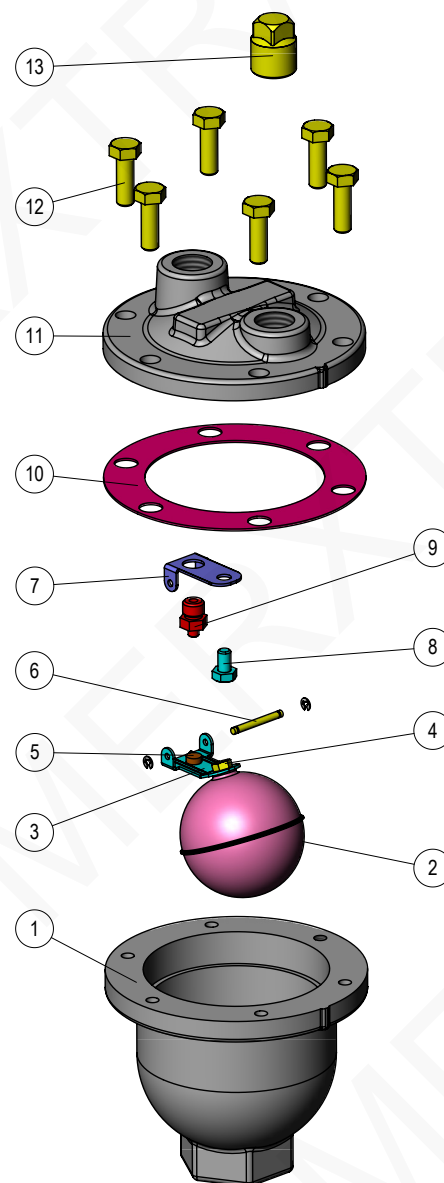
## 52480/HA52 STRUCTURE



| PART LIST |                        |                             |
|-----------|------------------------|-----------------------------|
| No        | Part Name              | Material                    |
| 1         | Body                   | GGG 40 Cast Iron            |
| 2         | Float                  | AISI 316 L Stainless Steel  |
| 3         | Float Handle           | AISI 304 Stainless Steel    |
| 4         | Bolt A.K.B. M5         | AISI 304 Stainless Steel    |
| 5         | Liquid Drainer Orifice | Viton                       |
| 6         | Float Stem             | AISI 304 Stainless Steel    |
| 7         | Float Handle Part      | AISI 304 Stainless Steel    |
| 8         | Bolt A.K.B. M6         | AISI 304 Stainless Steel    |
| 9         | Float Seat             | AISI 304 Stainless Steel    |
| 10        | Cover Gasket           | Klingerite Without RockWool |
| 11        | Cover                  | GGG 40 Cast Iron            |
| 12        | Bolt A.K.B. M8         | 8.8                         |
| 13        | Balance Nut            | St-37                       |

| DIAMETERS |            |             |       |       |
|-----------|------------|-------------|-------|-------|
|           | Threaded   |             |       |       |
|           | Inlet Dia. | Outlet Dia. | H(mm) | L(mm) |
| HA-52     | 3/4"       | 1/2"        | 122   | 134   |
| HA-62     | 3/4"       | 1/2"        | 122   | 134   |

| TECHNICAL SPECIFICATION |  |
|-------------------------|--|
| Connection Type         | Threaded   |
| Connection              | Preferably Vertical<br>(From the bottom) /<br>Horizontal |



## 52481/HA62 STRUCTURE

| TECHNICAL SPECIFICATION |  |
|-------------------------|--|
| Body and Cover          | CF8M   |
| Connection Type         | Threaded   |
| Connection              | Preferably Vertical<br>(From the bottom) /<br>Horizontal |

## 3D APPLICATION SAMPLE



As the air is discharged from the system into the atmosphere, the liquid is reintroduced into the system with HA-52/62.