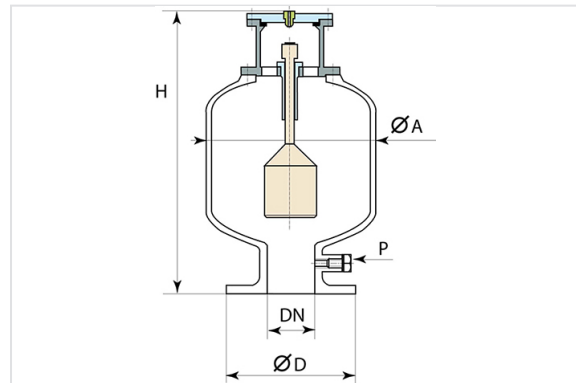


Single function air valve low flow 2,2m³/h and 5m³/h



The single function low flow sewage air valve (5 M3/h) is available in DN80.

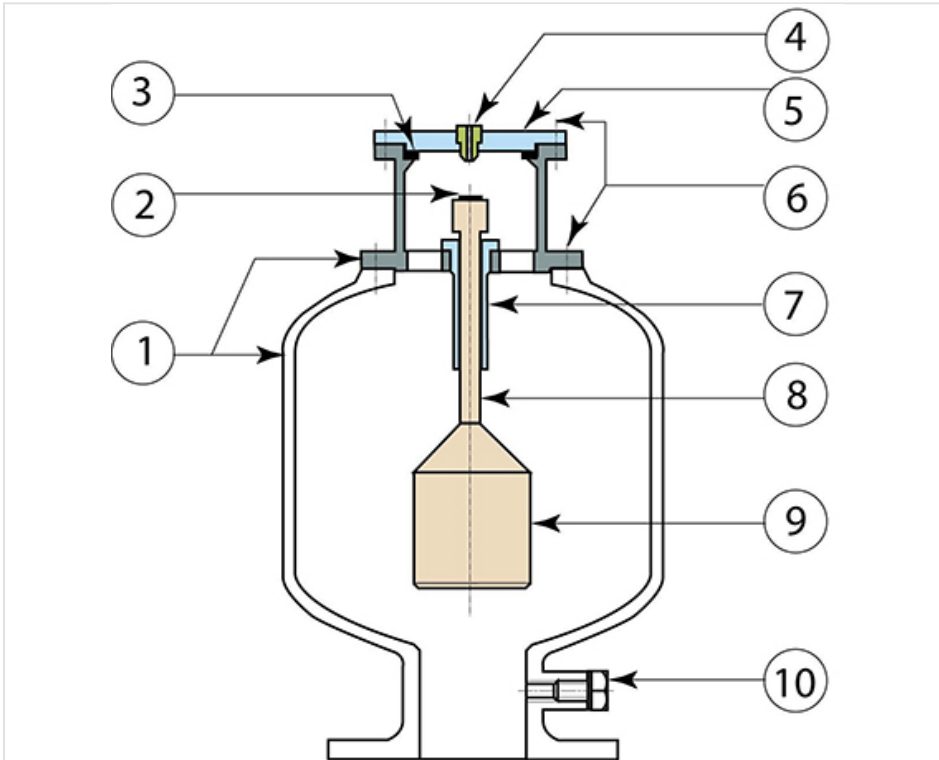
Maximal service pressure 16 bar. Flange ISO PN10.

- The air valve protects the pipeline by the air extraction in the pipelines high points.
- The valve body, in mechanically-welded steel, is protected by oven-baked epoxy-resin thickness 200 microns. The mobile clapper/float assembly is entirely made from plastic material, neutral to any corrosive aggression by the waste water.
- The use of sewage air valves is economic for the pipeline installation. By using air valves, the pipeline can follow the ground relief and avoid the cost of the necessary construction works to follow a regular pipeline profile.

| DN (mm) | Flow rate (l/s) | A (mm) | H (mm) | D (mm) | Mass (kg) | References |
|----------|-----------------|--------|--------|--------|-----------|------------|
| 50-60-65 | 2.2 | 220 | 505 | 185 | 20.00 | 245387 |
| 80 | 2.2 | 274 | 605 | 200 | 28.00 | RCA80EPBF |
| 100 | 2.2 | 274 | 605 | 220 | 35.00 | RCB10EPBF |
| 150 | 5 | 356 | 750 | 285 | 45.00 | * |
| 200 | 5 | 356 | 970 | 340 | 60.00 | * |

P= Nozzle 3/4 inch - (*) consult us

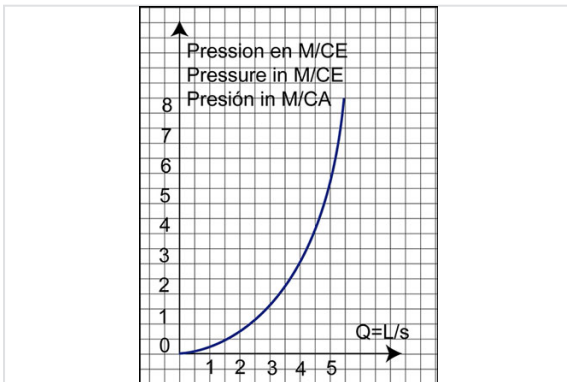
Material and coating



| Item | Designation | Material | Coating |
|------|------------------|----------------------|-------------------|
| 1 | Body | A40 Steel | Epoxy 250 microns |
| 2 | Gasket | Polyurethane | |
| 3 | Gasket | Polyurethane | |
| 4 | Nozzle | 18/8 stainless steel | |
| 5 | Bonnet | A40 steel | Epoxy 250 microns |
| 6 | Bolts | Stainless steel | |
| 7 | Stem guide | PVC | |
| 8 | Ball floats stem | Polyethylene | |
| 9 | Ball floats | Polyethylene | |
| 10 | Draining plug | Zinc coated steel | |

Check valve option

When the user doesn't want air entry, a check valve can be adapted on the air outlet (on request).



Drawing flow/pressure

Marking


**VENTOUSE ASSAINISSEMENT
SIMPLE FONCTION PETIT DEBIT**

5 m³ / h

DN N°

PFA DATE

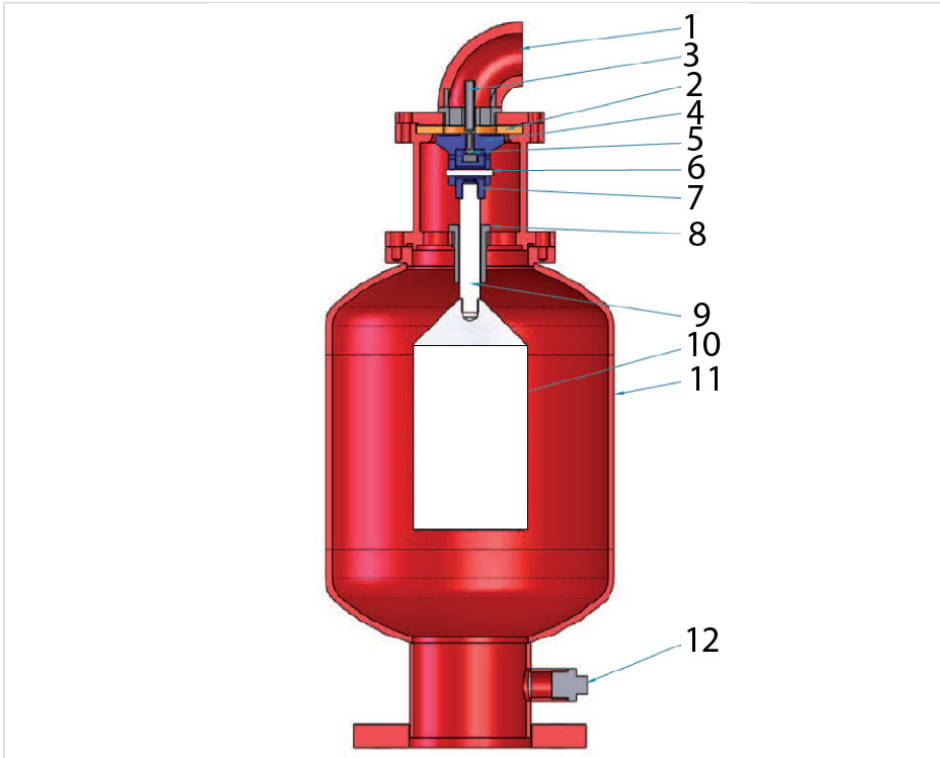
CA08X9KA 355



The label indicates the hydraulic characteristics and the manufacturing code

Installation, put into service, maintenance

- The manhole must be ventilated.
- The sewage air valve is installed in vertical position on a shut-off valve to operate on the air valve without disturbing the pipeline.
- Draining by a ¾ inch outlet.
- For the maintenance or the rinsing, the complete mobile set can be extracted by the dismantling superior part (no need to dismount the air valve).



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