

Double function air valve high flow 430m³/h PFA 10 bars

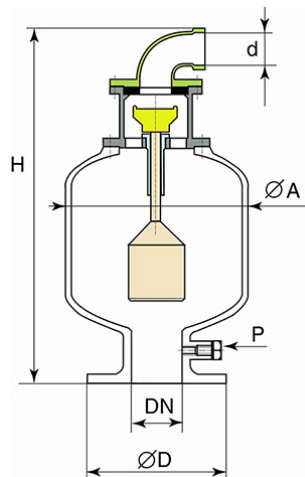


The double high flow sewage air valve (430 M3/h) is available in DN80, DN100 & DN150.

Maximal pressure service 10 bars. 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.

Dimensions and mass



DN	High flow	A	H	D	d female	P	Mass	References
mm	m ³ /h	mm	mm	mm	inch	inch	kg	
50-60-65	600	220	585	185	1"	Purge/Nozzle 3/4	28	please contact us
80	940	274	685	200	1,5"	Purge/Nozzle 3/4	28	RCA80EQBF
100	940	274	685	220	2"	Purge/Nozzle 3/4	32	RCB10EQBF
150	2400	356	750	285	3"	Purge/Nozzle 3/4	45	RCB15EQBF

**PIPELINE PROTECTION
VALVES**
DN 50 to 200

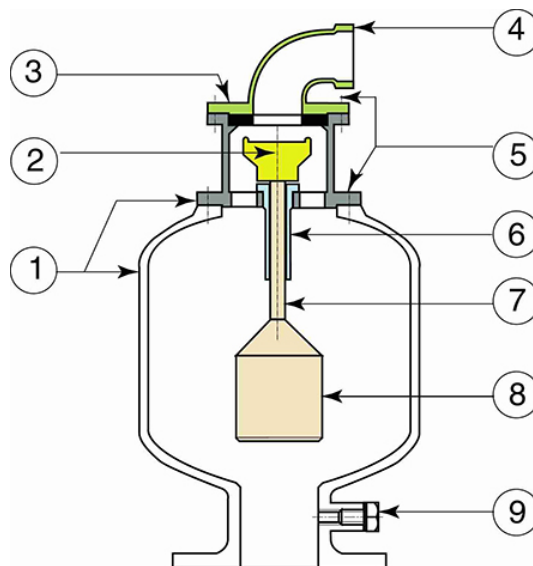


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RPRVT21VTX550

DN	High flow	A	H	D	d female	P	Mass	References
mm	m ³ /h	mm	mm	mm	inch	inch	kg	
200	2400	356	970	340	3"	Purge/Nozzle ¾	60	please contact us

Material and coating



Item	Designation	Material	Coating
1	Body	A40 steel	Epoxy 250 microns
2	Clapet grand orifice	PVC	
3	Gasket	Polyurethane	
4	Outlet bend	Steel	Epoxy 250 microns
5	Bolts	Stainless steel	
6	Stem guide	PVC	
7	Ball floats stem	Polyethylene	
8	Ball floats	Polyethylene	
9	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)

Security system by excessive flow option

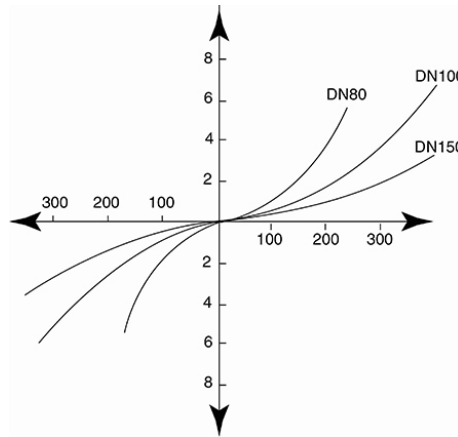
During the pipeline filling and when the pumps stop, the security system limits the water hammer in limiting the air exit with high flow by an automatic valve. The adjustment of the valve activation id defined by the user in the order (on request).

Characteristic curve flow/pressure

Air inlet in L/s

Pressure in m/ce

Air outlet in L/s



Subpressure in m/ce

Marking

The label indicates the hydraulic characteristics and the manufacturing code

VENTOUSE ASSAINISSEMENT SIMPLE FONCTION PETIT DEBIT 5 m ³ / h			
DN	<input type="text" value="80"/>	N°	<input type="text"/>
PFA	<input type="text" value="16"/>	DATE	<input type="text"/>
<input type="text" value="CA08X9KA"/>		<input type="text" value="355"/>	

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 $\frac{3}{4}$ 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).
- The nozzle can be connect in his superior part to a pipe.