

# TRIPLE FUNCTION AIR VALVE

series SV

DN 50 - 200 PN10/16/25

06.310



## Product description

- Triple function air valve SV for drinking water, prepared for water supply in firefighting and irrigation systems
- Service temperature from 0°C (excluding frost) to 70°C

## Standards

- Designed according to EN 1074-4
- Flange drilling to EN 1092-2 PN10/16/25

## Tests

All valves are individually hydrostatically tested according to EN 1074-4:

- Body: 1.5 x PN (in bar)

## Corrosion protection

- Epoxy powder coating RAL 5005
- Applied internal and external with a minimum coating thickness of 250 µm
- Potable water approved epoxy coating fusion bonded according EN 14901 and GSK (RAL-GZ662) guidelines

## Features

- Triple function air valve, designed for the expulsion of the exhaust of large air volume allowing air ingress if pressure loss occurs
- For use in clean water suitable in pipelines up to DN 1200
- They must be mounted vertically at the highest points of the piping route
- Minimum pressure: 0.3 bar
- The device evacuates great air amounts during the filling of the main
- Allows the inlet of great air amounts (in order to avoid a vacuum effect) during the emptying of the main during normal working conditions
- It must be installed in a vertical position and according to the following parameters:
  - at the highest point;
  - when accentuating the slope in the flow direction;
  - downstream of control valves fitted on descending pipeline;
  - at regular intervals along ascending/descending pipeline, at least every 500 meters;
- On request possibility of float coating and sealing in NBR.



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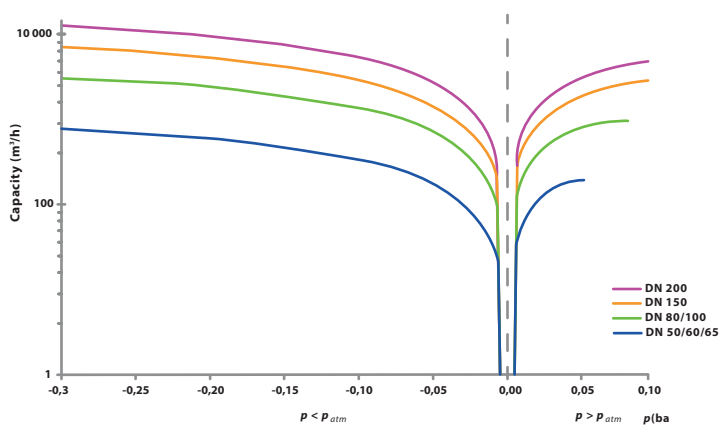
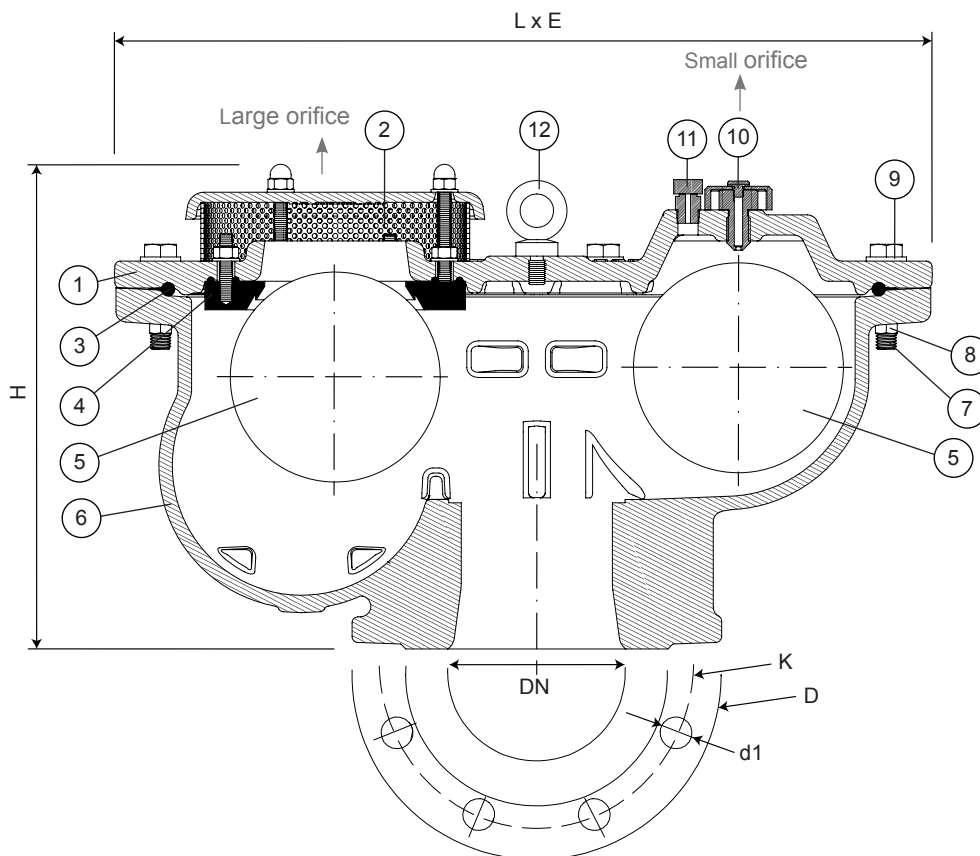
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Being one of the main objectives of our company the development and satisfaction of our customers, we reserve the right to update, change or replace the specifications presented without prior notice.

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**Component list**

pos.	components	material	standard	pos.	components	material	standard
1	Bonnet	Ductile iron EN-GJS-500-7	EN 1563	6	Body	Ductile iron EN-GJS-500-7	EN 1563
2	Air outlet	Stainless steel AISI 304	EN 10088 - 1	7	Bolts	Stainless steel A2	EN 10088 - 1
3	O-ring	Elastomer EPDM	EN 681 - 1	8	Nuts	Stainless steel A4	EN 10088 - 1
4	Air outlet sealing ring	Ductile iron EN-GJS-500-7	EN 1563	9	Washers	Stainless steel A2	EN 10088 - 1
	Air outlet sealing ring covering	Elastomer EPDM	EN 681 - 1	10	Nozzle	Brass CuZn39Pb3	EN 12164
5	Flutuator	Steel docol 1000DP	-	11	Control purger	Brass CuZn39Pb3	EN 12164
	Flutuator covering	Elastomer EPDM	EN 681 - 1	12	Lifting eye	Stainless steel A2	EN 10088 - 1

**Reference and dimensions**

DN	PN	code	D	L	E	H	K	n° x d1	Kg
				mm	mm	mm	mm	mm	approx.
50	10/16	19908610	165	390	200	230	125	4 x 19	23

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**Reference and dimensions (continuation)**

DN	PN	code	D	L	E	H	K	n° x d1	Kg
				mm	mm	mm	mm	mm	mm
50	25	19908665	165	390	200	230	125	4 x 19	30
60	10/16	19908615	175	390	200	230	135	4 x 19	23
60	25	19908670	175	390	200	230	135	8 x 19	31
65	10/16	19908620	185	390	200	230	145	4 x 19	27
65	25	19908680	185	390	200	230	145	8 x 19	31
80	10/16	19908630	200	485	245	290	160	8 x 19	40
80	25	19908690	200	485	245	290	160	8 x 19	50
100	10/16	19908640	220	485	245	290	180	8 x 19	41
100	25	19908695	220	485	245	290	190	8 x 23	51
150	10/16	19908650	285	680	360	360	240	8 x 19	116
150	25	19908700	285	680	360	360	250	8 x 28	132
200	10	19908660	340	680	360	360	295	8 x 23	128
200	16	19908661	340	680	360	360	295	12 x 23	128
200	25	19908705	340	680	360	360	310	12 x 28	146

DN	Main pipe diameter (DN)	Orifice size	
		Main air outlet	Automatic vacuum outlet
50	65 to 350	1600 mm <sup>2</sup>	12 mm <sup>2</sup>
60			
65			
80	400 to 600	2300 mm <sup>2</sup>	
100			
150	700 to 900	5600 mm <sup>2</sup>	
200	1000 to 1200		



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