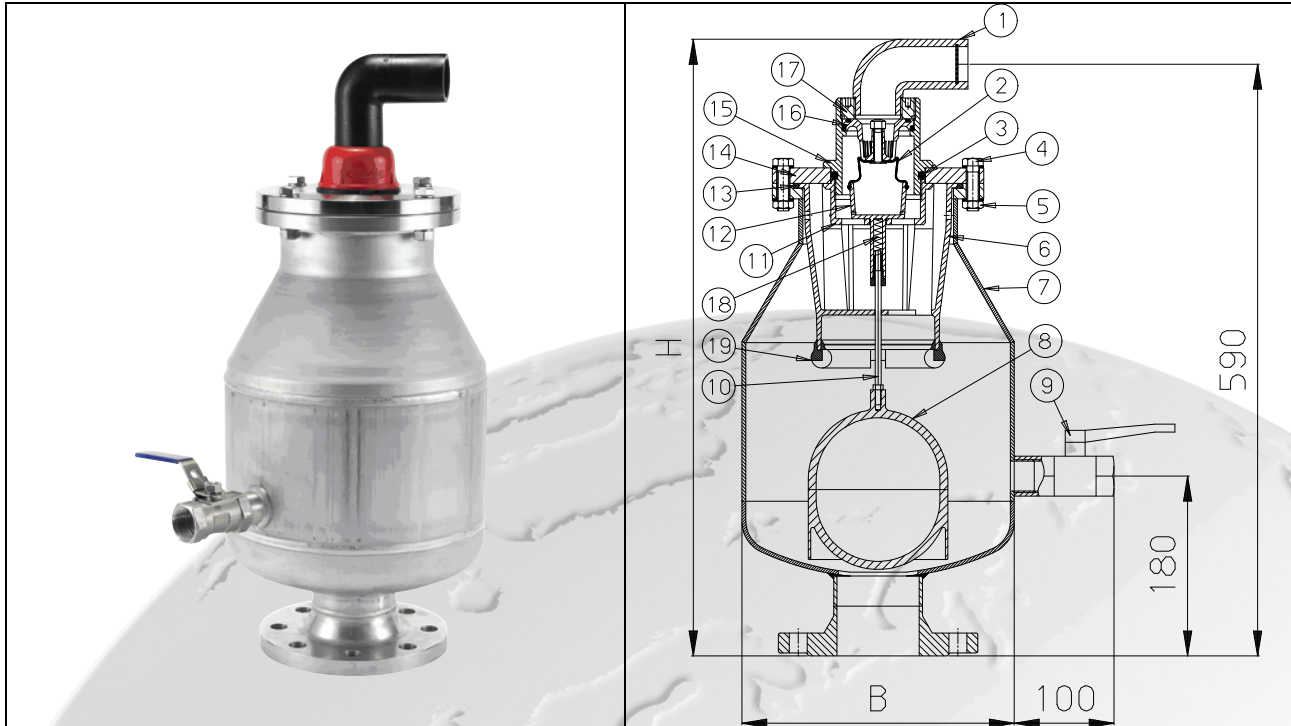


# Automatic Air and Vacuum Valve For Waste Water and Potable Water



**Model 986**

**Automatic air and vacuum release valve, stainless steel 316Ti,  
for operating range: 0 – 250 PSI (17.2 Bar),  
outdoor application possible**



Type	Size ANSI/DN	Flange Maximum Pressure PSI/Bar	Body Material	Overall Width <b>B</b> Inch/mm	Overall Height <b>H</b> Inch/mm	Weight lbs./Kg
-02	2" FNPT	- - -	Stainless Steel	10.63" 270 mm	23.2" 600 mm	50.7 lbs. 23.0 Kg
-04	2" DN 50	250 PSI 17.2 Bar	Stainless Steel	10.63" 270 mm	24.21" 615 mm	51.8 lbs. 23.5 Kg
-06	3" DN 80	250 PSI 17.2 Bar	Stainless Steel	10.63" 270 mm	24.21" 615 mm	55.1 lbs. 25.0 Kg
-08	4" DN 100	250 PSI 17.2 Bar	Stainless Steel	10.63" 270 mm	24.21" 615 mm	57.3 lbs. 26.0 Kg
-10	6" DN 150	250 PSI 17.2 Bar	Stainless Steel	10.63" 270 mm	24.21" 615 mm	61.7 lbs. 28.0 Kg
-12	8" DN 200	250 PSI 17.2 Bar	Stainless Steel	10.63" 270 mm	24.21" 615 mm	72.8 lbs. 33.0 Kg

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## Materials:

No.	Component	Series - Stainless Steel
1	Outlet elbow with strainer, 1,5"	Polyethylene (PE) 100
2	Cup seal with retaining ring	Buna NBR
3	O-ring 79 x 7 mm	Buna NBR
4	Hex Head Bolt	Stainless Steel
5	Hexagon nut	Stainless Steel
6	Deflector	Polyethylene (PE)
7	Body	Stainless Steel 316Ti
8	Float	Delrin® POM <sup>1</sup>
9	Ball valve, 1"	Stainless Steel
10	Float spindle, complete	Stainless Steel 316Ti
11	Body nut with grid	Delrin® POM <sup>1</sup>
12	Membrane holder, complete	Delrin® POM <sup>1</sup>
13	O-ring 157 x 6 mm.	Buna NBR
14	Clamping flange	Stainless Steel
15	Valve body & cover	Delrin® POM <sup>1</sup>
16	Valve basket with Buna N O-rings	Delrin® POM <sup>1</sup>
17	Threaded ring	Delrin® POM <sup>1</sup>
18	Pressure spring	Stainless Steel
19	Damper ring	Buna NBR

Notes: <sup>1</sup> Polyoximethylene

## Features:

Automatic and infinitely variable air valve for potable water and waste water applications

Recommended for outdoor application in frost-free areas

Maximum Operating Pressure: 250 PSI (17.2 Bar)

Operating Range: 0 – 250 PSI ( 0 - 17.2 Bar)

Maximum Air Release Capacity: 135 CFM (230 m<sup>3</sup>/hr)

Valve bodies of stainless steel 316 Ti

Valve seat does not contact the medium (air cushion).

Two connections for effective flushing during maintenance work (top inlet flushing connection)

All mechanical parts are manufactured of corrosion-resistant materials; valve body is stainless steel 316Ti

Read and follow the operating and maintenance instructions

## Valve Maintenance:

Air valves must be tested for function and maintained at least once per year. Valve must be shut off and flushed at both lateral connections.