

Automatic Air and Vacuum Valve for Waste Water



Model 988-01

**ARV with shut-off for manhole installation,
for operating range: 0 – 250 PSI (17.2 Bar)**



Features:

The Model 988 automatic air and vacuum valve with shut-off can be used as replacement valve in existing manhole. All maintenance work on this air valve can be done from the top, no manhole entering. Eliminate confined space entry, acc. to OSHA regulations. The air valve with shut-off must be installed upright on 4" ANSI flange pipe connection. All maintenance and repair work for this air valve set can be done from the surface, avoiding all the dangers related to manhole access.

Medium: Waste Water
 Maximum Operating Pressure: 250 PSI (17.2 Bar)
 Operating Range: 0 - 250 PSI (0- 17.2 Bar)
 Connection: 4" ANSI flange

Valve Maintenance:

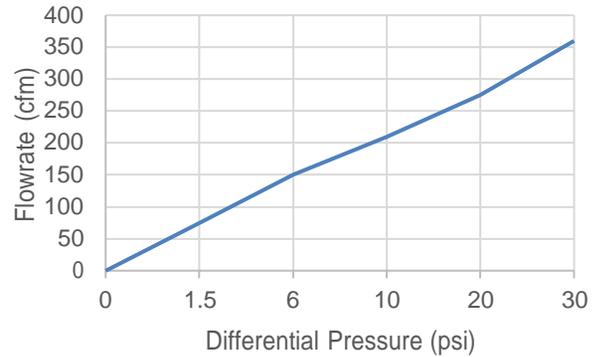
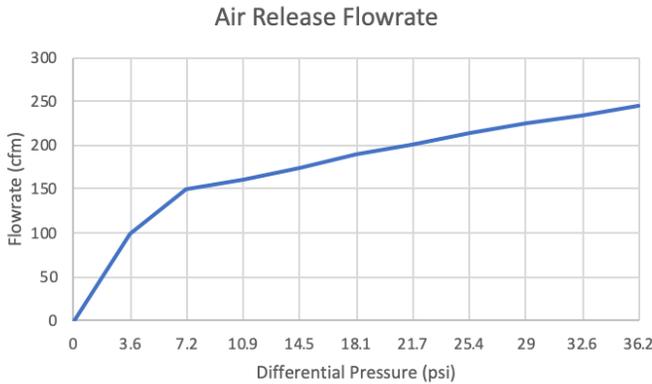
Close shut-off valve. The valve is provided with one flushing connection reaching up to the cover. In case of major dirt within the bodies the valve must be opened and cleaned manually.

Type	Product Version	Maximum Operating Pressure in PSI (Bar)	Connection To Pipe Inch/mm	Overall Height Inch/mm	Minimum Shaft Width Inch/mm	Weight lbs./Kg
ANSI	Air Valve Body SS 316	250 PSI 17.2 Bar	4" Flange ANSI 150lbs	38" 970 mm	14" 360 mm	100 lbs. 46 Kg

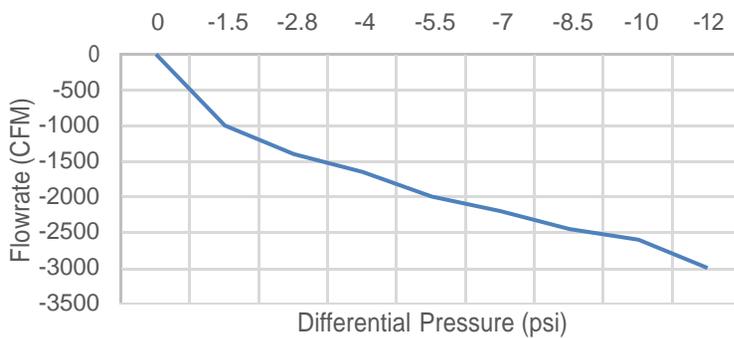
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Air Release Flowrate Small Orifice Operation



Vacuum Flowrate

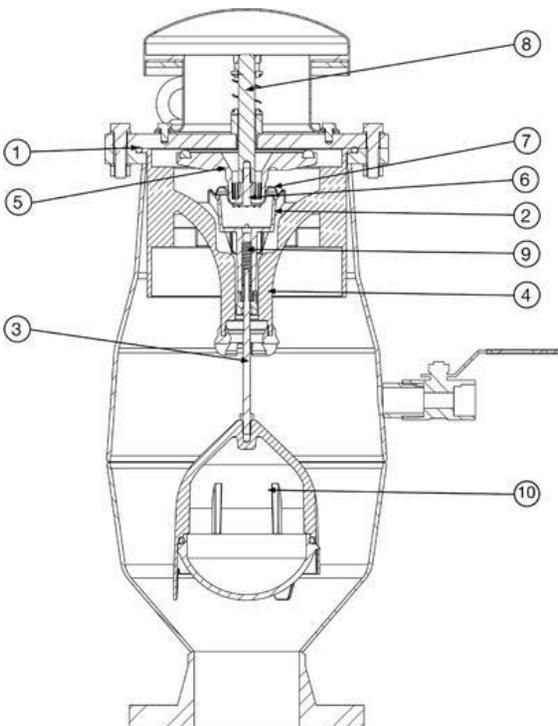


Capacities:

Maximum air release capacity: 250 cfm (425 m³/hr) during pipe filling process.

Vacuum flow rate at negative pressure of 12 psi: 3,000 cfm (5,100 m³/hr)

Parts list:



No.	Product	Part #	Material
1	O-Ring 204x6 mm	988S01	NBR
2	Cup for diaphragm	986S09	POM
3	Float spindle complete	986S12	316 Stainless Steel
4	Debris shield w/ damper ring	988S09	PP/EPDM
5	Orifice w/ gasket	988S03	POM/NBR
6	Screw for diaphragm	988S04	316 Stainless Steel
7	Diaphragm	988S05	HNBR
8	Spring kit	988S02	POM/316 SS
9	Pressure spring	986S11	316 Stainless Steel
10	Float, complete	986S15	POM