

Automatic Air and Vacuum Valve for Waste Water



Model 986-00

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



Features:

The Model 986 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, according to OSHA regulations. The air valve with shut-off can be installed on 2" FNPT pipe ends. 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 (17.2 Bar)
 Connection: 2" FNPT

Optional Features:

Special specifications for air inflow or air release only available.

Valve Maintenance:

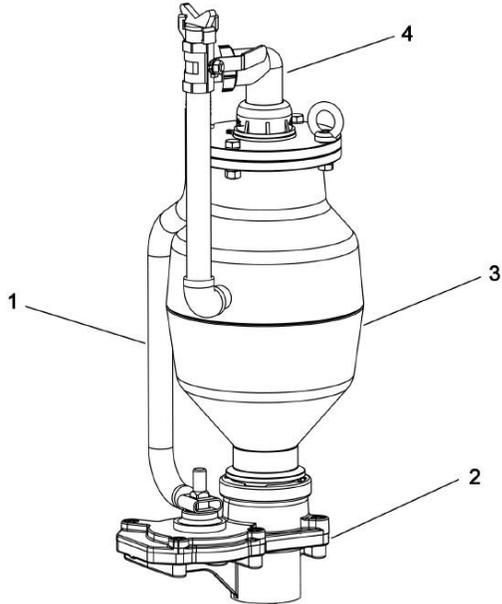
Close shut-off valve. The valve is provided with two flushing connections reaching up to the cover. By connecting flushing lines minor dirt in the valve can be flushed out quickly and easily. Only in case of major dirt bodies the valve must be opened and cleaned manually.

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
Thread	Air Valve Body SS 316	0-250 PSI 17.2 Bar	2" FNPT	30" 762 mm	20" 508 mm	106 lbs. 48 Kg

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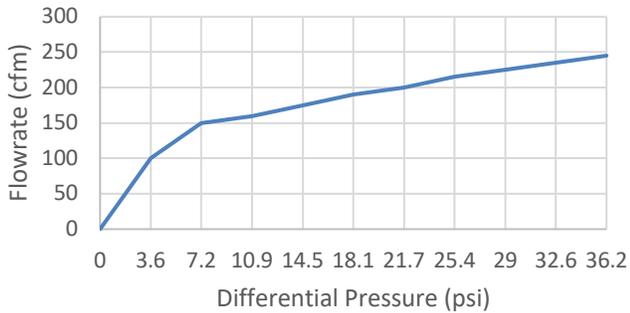
Materials:



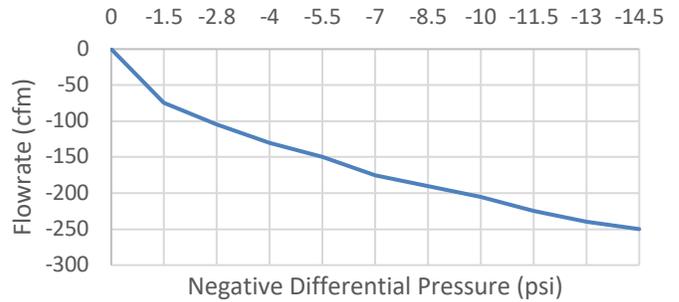
NO.	Component	Material
1	Operation Key	316 Stainless Steel
2	Shut-off Valve	Epoxy Coated Ductile Iron
3	Body	316 Stainless Steel
4	Outlet Elbow	Polyethylene (PE)
5	Diaphragm	Buna HNBR
6	Float	Derlin® (POM)

Graphs:

Air Release Flowrate



Vacuum Flowrate



Operation Flowrate

