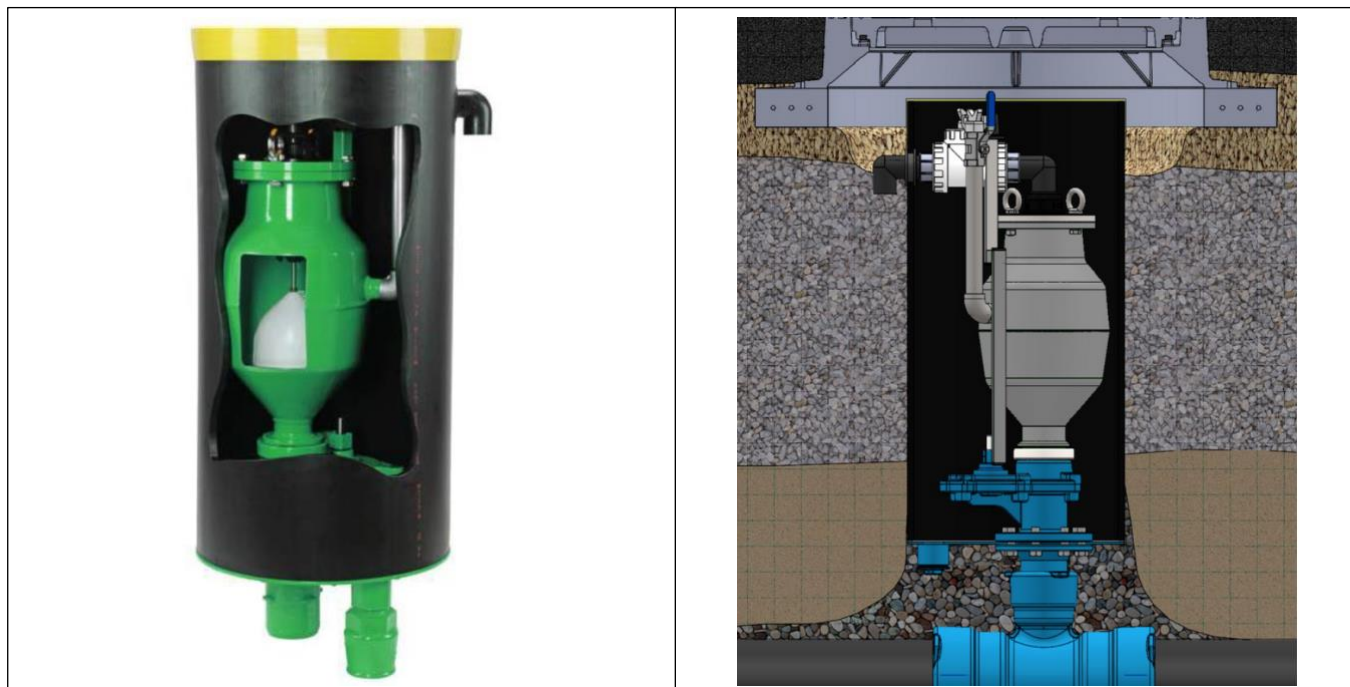


Automatic Air and Vacuum Valve for Waste Water



Model 986-04

ARV set for underground installation,
for operating range: 0 – 250 PSI (17.2 Bar)



Features:

The Model 986 automatic air and vacuum valve set consists of a polyethylene (PE) shaft with shut-off and an ARV, replacing other complex and expensive manhole constructions. Eliminate confined space entry, acc. to OSHA regulations. The set can be installed on sewage pipes by use of a double strap saddle. 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: Wastewater
Maximum Operating Pressure: 250 PSI (17.2 Bar)
Operating Range: 0 - 250 PSI (17.2 Bar)
Connection to Pipe: 3" ANSI Flange

Valve Maintenance:

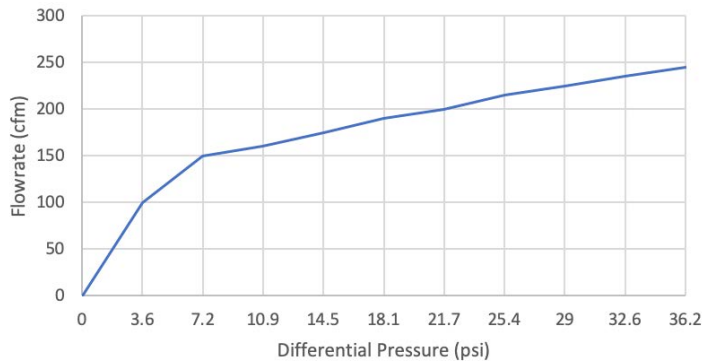
Close shut-off valve. The valve is provided with two flushing connections reaching up to the cover. By connecting flushing lines minor dirt in the valve can be flushed out quickly and easily. Only in case of major dirt bodies the valve must be opened and cleaned manually.

Type	Size ANSI	Maximum Pressure PSI/Bar	Pipe Cover Depth ft./m	Overall Height Inch/mm	Overall Width Inch/mm	Weight lbs./Kg
Flange	3" ANSI	0-250 PSI 17.2 Bar	3.3 ft. 1.0 m	25.6" 780 mm	17.9" 455 mm	128 lbs. 58 Kg
Flange	3" ANSI	0-250 PSI 17.2 Bar	4.1 ft. 1.25 m	38.4" 975 mm	17.9" 455 mm	137 lbs. 62 Kg
Flange	3" ANSI	0-250 PSI 17.2 Bar	4.9 ft. 1.5 m	48.2" 1,225 mm	17.9" 455 mm	176 lbs. 89 Kg

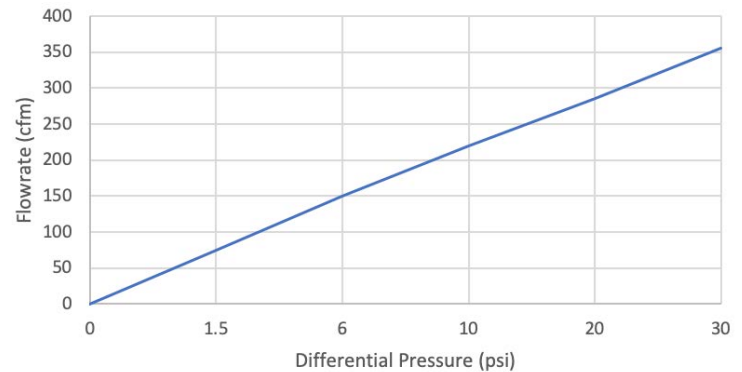
Automatic Air and Vacuum Valve for Waste Water



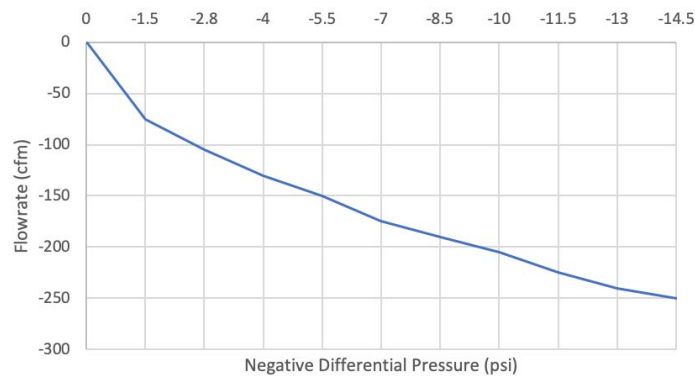
Air Release Flowrate



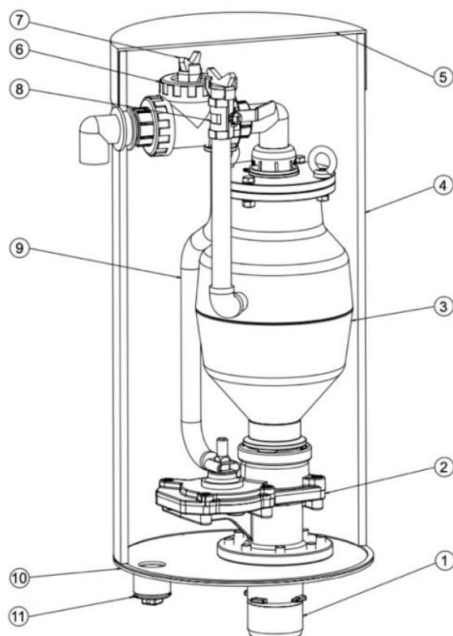
Operation Flowrate



Vacuum Flowrate



Material:



#	Component	Material
1	Spigot end 3" or Flange with threaded bolts	GGG 40, H-TEC epoxy powder coated
2	Shut-off device	GGG 40, H-TEC epoxy powder coated
3	Air valve (986-00)	GGG 40, H-TEC epoxy powder coated
4	Shaft cylinder	HDPE
5	Cover	HDPE
6	Three-way ball valve	PVC
7	Hose coupling	PE
8	Ball valve	Stainless Steel
9	Operating rod	Stainless Steel
10	Base plate	Steel – H-TEC epoxy powder coated
11	ZAK*-Plug	GGG 40, H-TEC epoxy powder coated