

Automatic Air and Vacuum Valve for Potable Water

Model 992-00

HaVent Automatic Air Valve Set, 0 – 250 PSI (0 – 17.2 Bar)
(Valve incl. shaft for underground installation)



No.	Component	Material
1	Base with drain-off	Epoxy powder coating
2	Shaft cylinder	Stainless Steel
3	O-ring	EPDM
4	HaVent Body	316 Stainless Steel
5	Yoke	Epoxy powder coating
6	Operating pipe	316 Stainless Steel
7	Centering cap	316 Stainless Steel
8	Centering screw	316 Stainless Steel
9	Cap	PE
10	Washer	316 Stainless Steel
11	Clamping ring	Epoxy powder coating
12	Tripod element	PA
13	BEG rubber plug	EPDM
14	Clamping pin	316 Stainless Steel
15	Hexagon bolt	316 Stainless Steel
16	Mesh hose	316 Stainless Steel
17	Outlet nipple	POM

Certified to NSF/ANSI 61 & 372

Type	Maximum Operating Pressure PSI / Bar	Pipe Cover Depth ft. / m	Overall Height ft. / mm	Connection To Pipe Size	Weight lbs. / Kg
Thread	0 - 250 PSI 17.2 Bar	3.3 ft 1 m	2.7 ft 815 mm	2" FNPT	62 lbs 28 Kg
Thread	0 - 250 PSI 17.2 Bar	4.2 ft 1.25 m	3.6 ft 1115 mm	2" FNPT	70 lbs 33 Kg
Thread	0 - 250 PSI 17.2 Bar	4.9 ft 1.5 m	4.5 ft 1365 mm	2" FNPT	76 lbs 35 Kg
Thread	0 - 250 PSI 17.2 Bar	5.7 ft 1.75 m	5.3 ft 1615 mm	2" FNPT	84 lbs 38 Kg
Thread	0 - 250 PSI 17.2 Bar	8.4 ft 2.56 m	8 ft 2440 mm	2" FNPT	106 lbs 48 Kg
Flange	0 - 250 PSI 17.2 Bar	3.3 ft 1 m	2.5 ft 755 mm	3" Flange 150 lbs	64 lbs 29 Kg
Flange	0 - 250 PSI 17.2 Bar	4.2 ft 1.25 m	3.5 ft 1,055 mm	3" Flange 150 lbs	73 lbs 33 Kg
Flange	0 - 250 PSI 17.2 Bar	4.9 ft 1.5 m	4.3 ft 1,305 mm	3" Flange 150 lbs	79 lbs 36 Kg
Flange	0 - 250 PSI 17.2 Bar	5.7 ft 1.75 m	5.1 ft 1,555 mm	3" Flange 150 lbs	86 lbs 39 Kg
Flange	0 - 250 PSI 17.2 Bar	8.7 ft 2.64 m	8 ft 2440 mm	3" Flange 150 lbs	109 lbs 49 Kg

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Applications:

- Large outlet cross section for maximum air release and intake capacity during pipeline filling or draining; opening size: 2". Air release cross section for reliable air release during operation; opening size: 1"
- Automatic Air Release Valve is removable under pressure.
- All maintenance and repair work for this air valve set can be done from the surface, avoiding all the dangers related to manhole access. **Eliminate confined space entry, acc. to OSHA regulations.**

Valve Maintenance:

- Due to the automatic shut-off function, the air valve set can be easily installed and dismantled under pressure for maintenance purposes. **MAINTENANCE ONCE PER YEAR IS RECOMMENDED!**

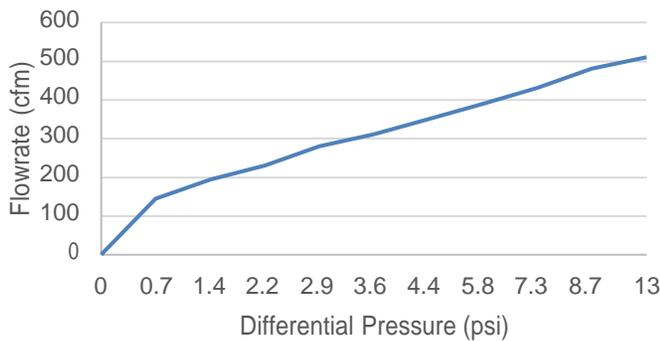
Installation:

- Drain off the accumulated rainwater by proper backfilling from the pipeline to the hood. The drainage backfilling is also necessary for removing splash water drained off through the drain-off fitting (1/2" push-fit fitting).
- For installation in ground water applications, additional measures are required (e.g., closing the drain-off fitting).

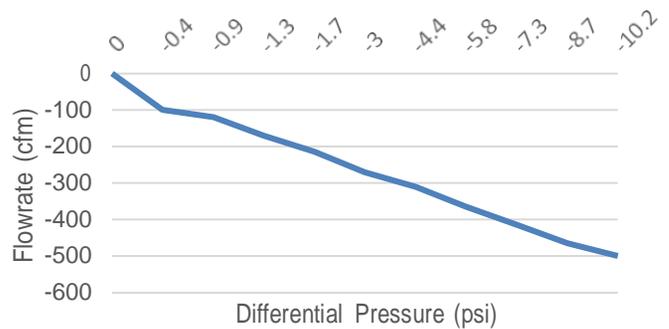
Flood protection:

- For installation in areas where floods have to be expected, the installation of an additional flood protection device can prevent flood water from flowing back into the air valve set and subsequently into the potable water system. For detail see model 992FP (order separately).

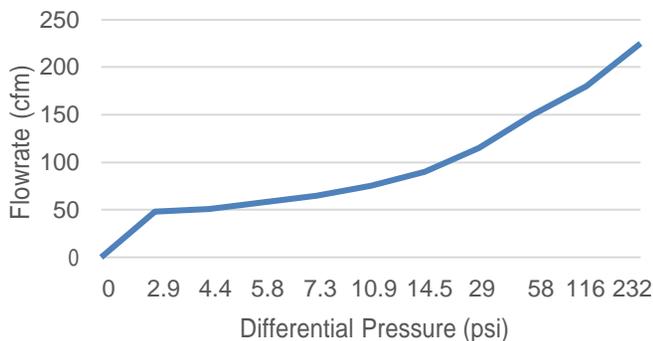
Maximum Air Release Capacity



Vacuum Flowrate



Air Release Flowrate



Features:

- Air release and intake during operation from: 0 – 250 PSI (0 – 17.2 Bar)
- Maximum Air Release Capacity: 3,350 Gallons/minute (450 cfm or 770 m³/h)
- Connections: 2" FNPT Thread and 3" ANSI Flange
- Virtually spill proof
- Vacuum breaking function
- All corrosion resistant materials, Automatic Air Release Valve is certified according to **NSF/ANSI 61 & 372**