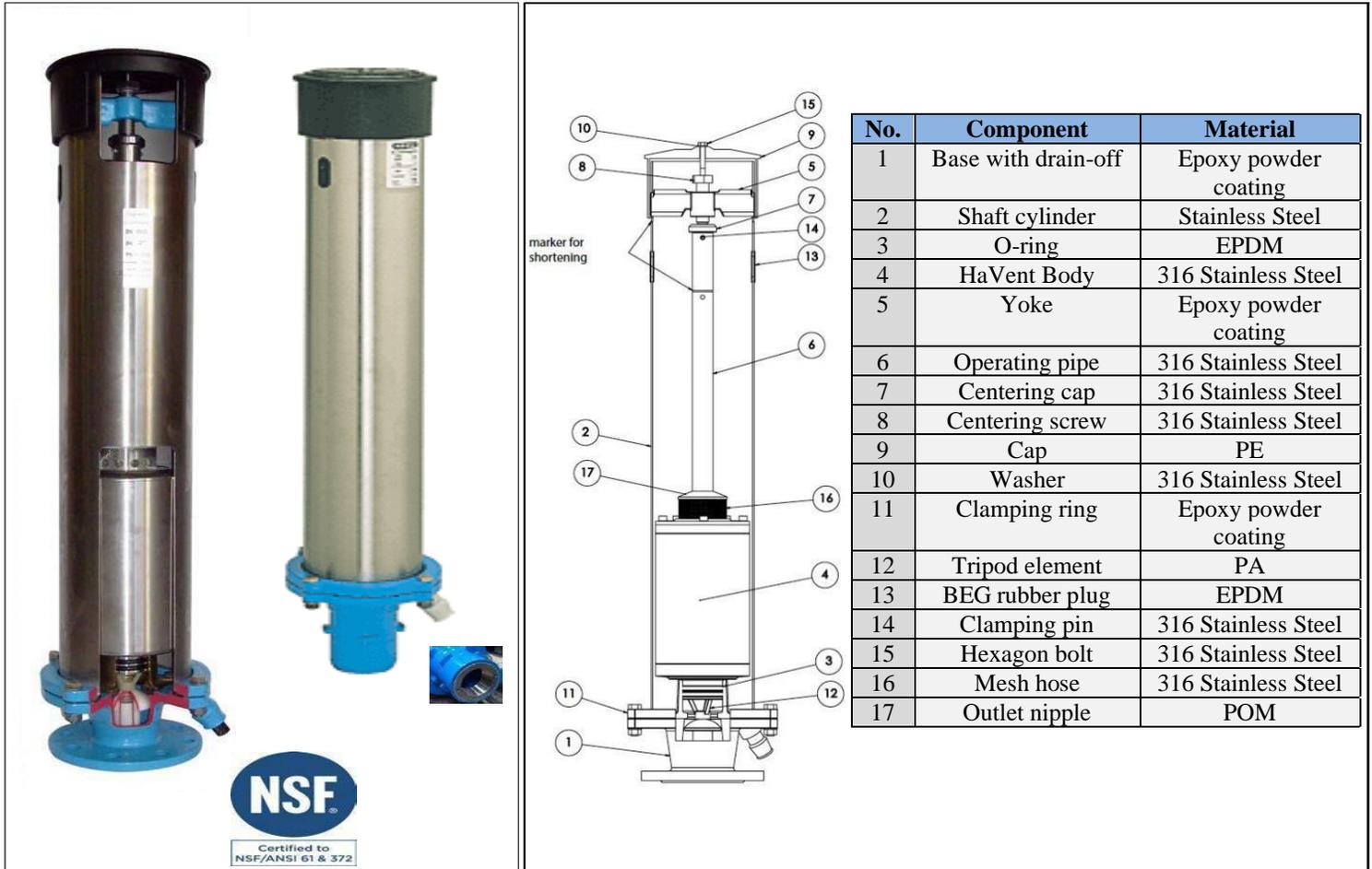


Automatic Air and Vacuum Valve for Potable Water - High Pressure

Model 992-01

HaVent Automatic Air Valve Set, 3 – 360 PSI (0.2 – 25 Bar)
(Valve incl. shaft for underground installation)

*993 HaVent 2" FNPT meets the requirements of AWWA
C-512-15*



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

Type	Maximum Operating Pressure PSI / Bar	Pipe Cover Depth ft. /m	Overall Height ft. / mm	Connection To Pipe Size *ANSI Flange*	Weight lbs. / Kg
Thread	3 - 360 PSI 25 Bar	3.3 ft 1 m	2.7 ft 815 mm	2" FNPT	62 lbs 28 Kg
Thread	3 - 360 PSI 25 Bar	4.2 ft 1.25 m	3.6 ft 1115 mm	2" FNPT	70 lbs 33 Kg
Thread	3 - 360 PSI 25 Bar	4.9 ft 1.5 m	4.5 ft 1365 mm	2" FNPT	76 lbs 35 Kg
Thread	3 - 360 PSI 25 Bar	5.7 ft 1.75 m	5.3 ft 1615 mm	2" FNPT	84 lbs 38 Kg
Thread	3 - 360 PSI 25 Bar	7.4 ft 2.25 m	7 ft 2140 mm	2" FNPT	96 lbs 44 Kg
Thread	3 - 360 PSI 25 Bar	8.4 ft 2.56 m	8 ft 2440 mm	2" FNPT	106 lbs 48 Kg
Flange	3 - 360 PSI 25 Bar	3.3 ft 1 m	2.5 ft 755 mm	3" Flange ANSI 150 lbs	64 lbs 29 Kg
Flange	3 - 360 PSI 25 Bar	4.2 ft 1.25 m	3.5 ft 1,055 mm	3" Flange ANSI 150 lbs	73 lbs 33 Kg
Flange	3 - 360 PSI 25 Bar	4.9 ft 1.5 m	4.3 ft 1,305 mm	3" Flange ANSI 150 lbs	79 lbs 36 Kg
Flange	3 - 360 PSI 25 Bar	5.7 ft 1.75 m	5.1 ft 1,555 mm	3" Flange ANSI 150 lbs	86 lbs 39 Kg
Flange	3 - 360 PSI 25 Bar	7.4 ft 2.25 m	7 ft 2255 mm	3" Flange ANSI 150 lbs	99 lbs 45 Kg
Flange	3 - 360 PSI 25 Bar	8.7 ft 2.64 m	8 ft 2440 mm	3" Flange ANSI 150 lbs	109 lbs 49 Kg

Automatic Air and Vacuum Valve for Potable Water



Applications:

- Large outlet cross section for maximum air release and intake capacity during pipeline filling or draining; opening size: 2”.
- 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!**

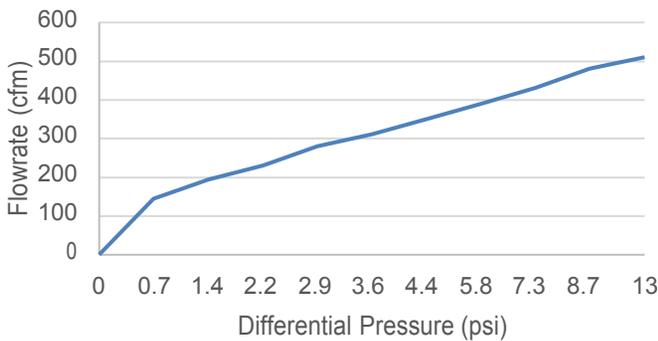
Installation:

- 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).

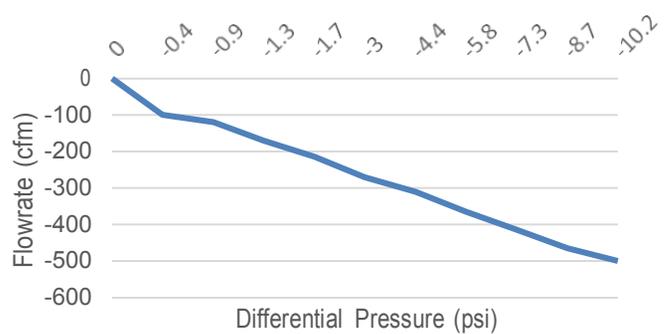
Flood protection:

- 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).

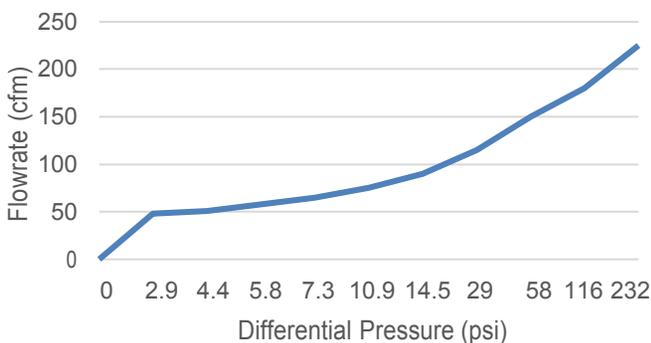
Maximum Air Release Capacity



Vacuum Flowrate



Air Release Flowrate



Features:

- Air release and intake during operation from: 3 – 360 PSI (0.2 – 25 Bar)
- Maximum Air Release Capacity: 5,000 Gallons/minute (670 cfm or 1,140 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**