

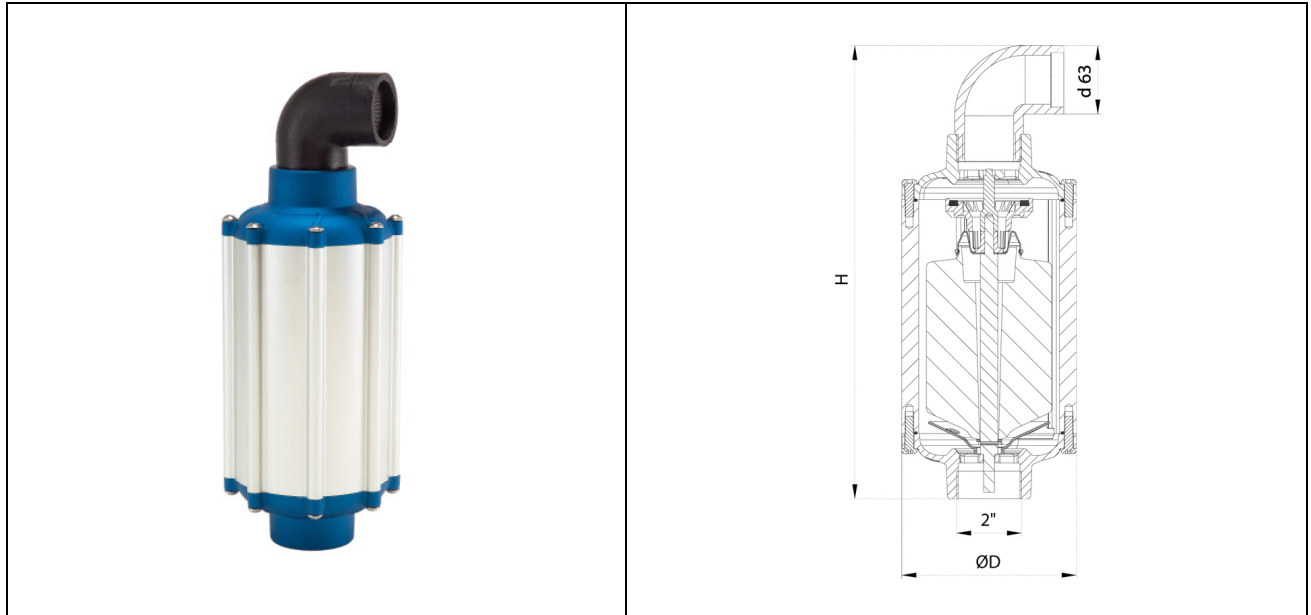
# Automatic Air and Vacuum Valve for Potable Water



## Model 993

**HaVent® Automatic and infinitely variable air valve for potable water**

Operating range: 0 – 250 PSI or 6 – 360 PSI



Type	Size ANSI	Range Of Pressure PSI/Bar	Overall Width D Inch/mm	Overall Height H Inch/mm	Weight lbs./Kg
Thread	2" FNPT	0 – 250 PSI 0 – 16 Bar	6.3" 160 mm	17.9" 455 mm	9.3 lbs. 4.2 Kg
Thread	3" MNPT	0 – 250 PSI 0 – 16 Bar	6.3" 160 mm	18" 460 mm	9.5 lbs. 4.3 Kg
Flange	4" Flange	0 – 250 PSI 0 – 16 Bar	6.3" 160 mm	18" 460 mm	15 lbs. 6.8 Kg
Thread	2" FNPT	6 – 360 PSI 0.2 – 25 Bar	6.3" 160 mm	17.9" 455 mm	9.3 lbs. 4.2 Kg

### Materials:

No.	Component	Material
1	Body	Anodized Aluminium
2	Cup seal, Diaphragm	EPDM
3	Float	Expanded Polypropylen
4	Hex Head Bolt	Stainless Steel
5	Hexagon nut	Stainless Steel
6	Deflector	Delrin (POM)
7	Outlet elbow with screen	Polyethylene (PE)

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# Automatic Air and Vacuum Valve for Potable Water



## HaVent<sup>®</sup>

### Valve mechanism

Large outlet cross section for maximum  
air release and intake capacity during  
pipeline filling or draining.

Opening size: 2"

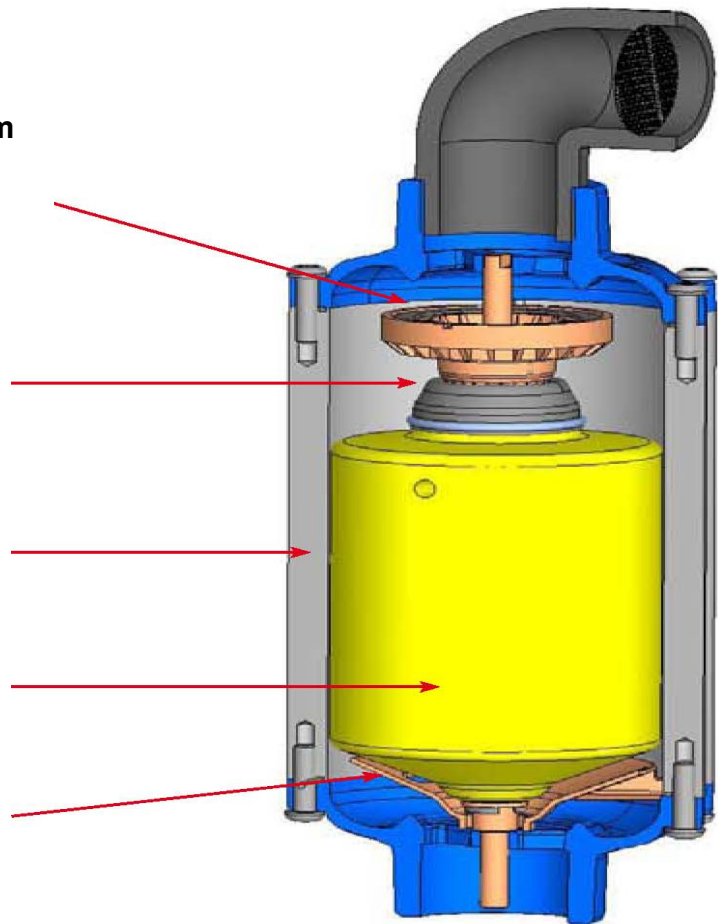
Large air release cross section for  
reliable air release during operation.

Opening size: 1"

Body of anodized aluminium

Robust float of expanded PP

Flow control for optimized closing



### Performance features

- Virtually spill proof
- Vacuum breaking function
- Max. air release capacity: 3,000 gal/m.
- Very high air release and intake during operation infinitely variable from 0 to 250 psi / 16 bar or 6 to 360 psi / 25 bar
- Corrosion resistant materials
- Ultraviolet resistance
- Ease of maintenance

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