

VORTEX

PRODUCT INFO



Description

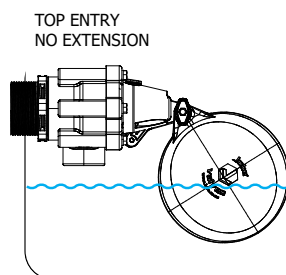
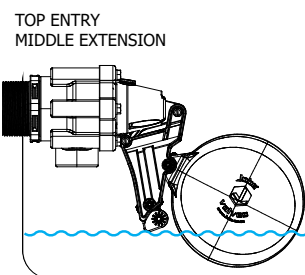
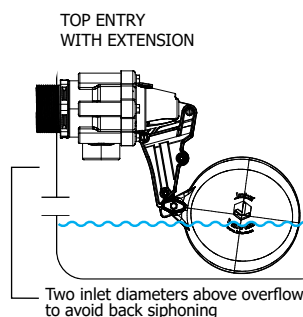
Vortex float valves are float operated valves for use in automatic filling of water tanks, troughs, cisterns etc. The valve is configured for **above water mounting**. The float operates a small pilot valve which in turn operates the main diaphragm valve. Vortex float valves are a good choice where **maximum flow**, compact, robust, non corrosive construction and variable float levels are required.

Applications

Maintaining Water Levels in:

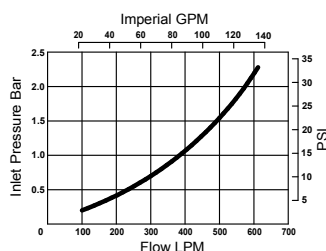
- Water Storage Tanks
- Water Cooling Towers
- Air Conditioning Systems
- High Pressure Cleaning Systems
- Animal Drinking Troughs
- Irrigation Applications

Mounting Positions



N.B. Some mounting positions may not comply with local regulations

Flow Graph (All Sizes)



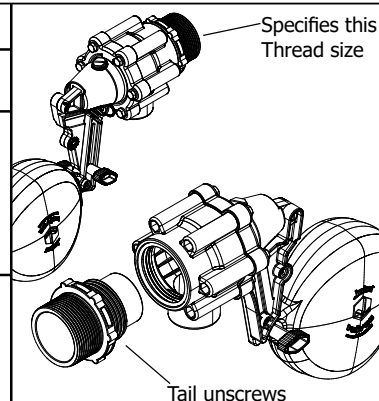
Features

- High flow
- Compact robust construction
- Mounts horizontally or vertically
- Made from corrosion resistant materials
- Valve unscrews from tail for easy Valve seal access
- Shuts down slowly to minimise water hammer
- 20 - 60mm (3/4" - 2 1/2") water level differential (increases as water inlet pressure increases)
- Pressure rating 0.3 - 7 Bar (5 - 100 PSI)
- Float position easily adjustable with no tools
- Valve has switch to lock it in off position
- Has port to connect Frostpro anti freeze device

Options

Inlet Size

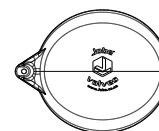
BSP	1 1/4" 32mm	1 1/2" 40mm	2" 50mm
NPT	1 1/4"	1 1/2"	2"



Floats: 70mm wide floats supplied standard.

Note: Not Suitable for underwater mounting.
Refer to VXVB for Vortex underwater mounting.

Standard Float 70mm



VORTEX FLOAT VALVE SPECIFICATION

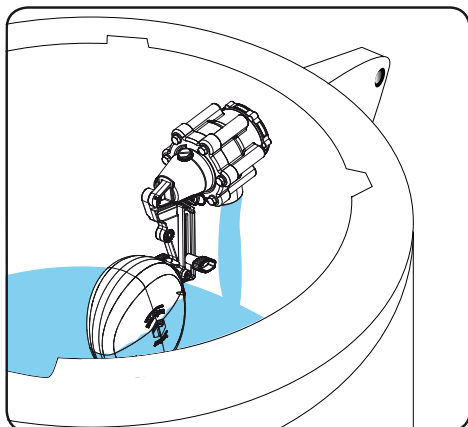
PRODUCT	CODE	INLET SIZE	CODE
Vortex Float Valve	VXV	1 1/4" bsp	32
		1 1/2" bsp	40
		2" bsp	50
		1 1/4" NPT	0125
		1 1/2" NPT	0150
		2" NPT	0200

eg A Vortex Float Valve with 2" BSP thread has following spec numbers VXV50

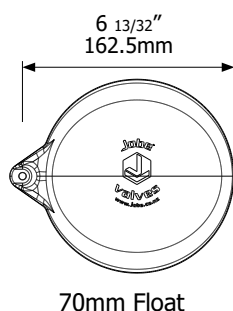
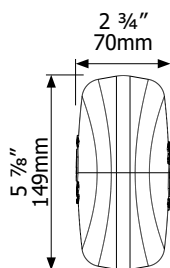
Note: Product may differ slightly from these specs due to ongoing product development.

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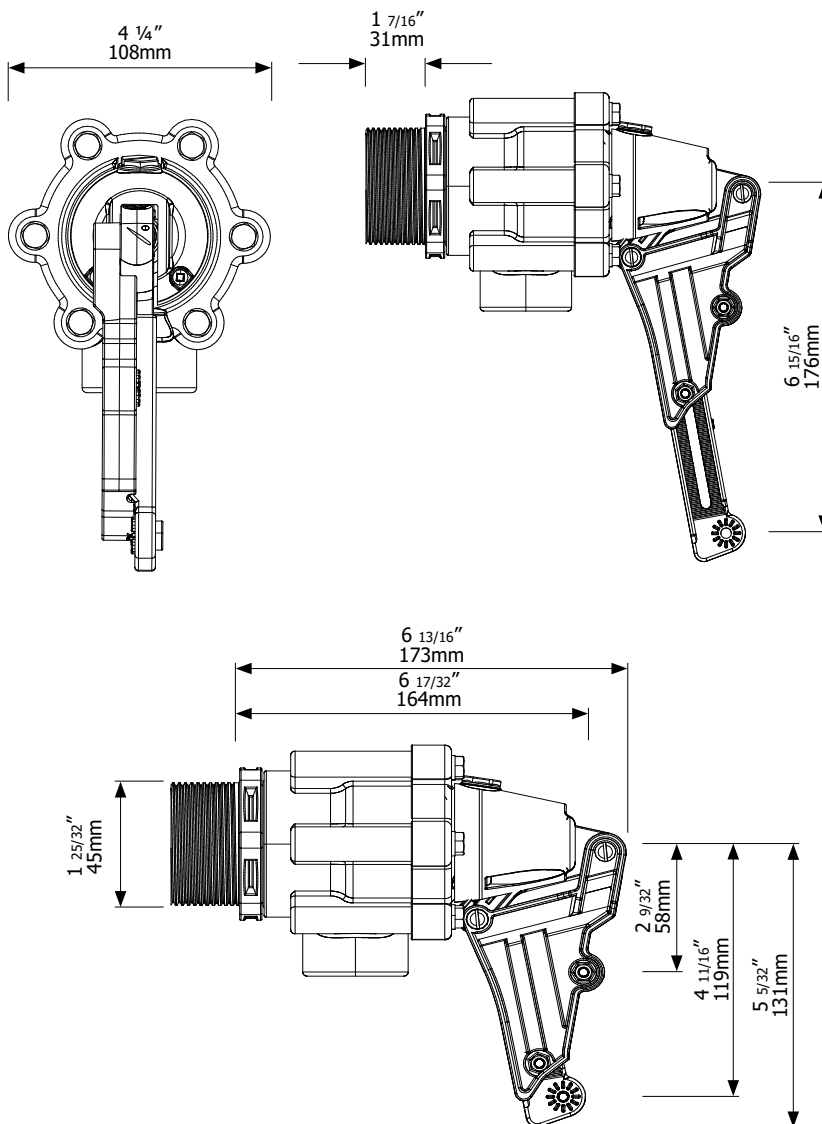
DIMENSIONS & MATERIALS



Float Dimensions



Vortex Dimensions



Part	Material	Part	Material
Valve Body	GF Nylon	Filter	PP/Nylon
White Internal Parts	Acetal	Springs, Bolts, Nuts, Pins, Screws	304 Stainless Steel
Arm Assembly	ABS	O'Rings	Nitrile
Diaphragm	EPDM	Float	HDPE
Seal	TPU		

Maximum Operating Temperature

60°C, 140°F

VORTEX

PARTS IDENTIFICATION SHEET

