

VORTEX

PRODUCT INFO



Description

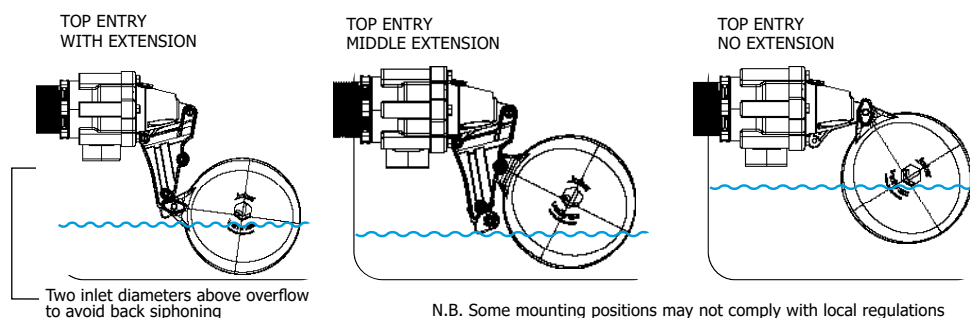
Vortex float valves are float operated valves for use in automatic filling of water tanks, troughs, cisterns etc. The valve is configured for **above water mounting**. The float operates a small pilot valve which in turn operates the main diaphragm valve. Vortex float valves are a good choice where **maximum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

Applications

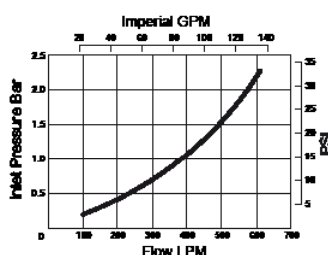
Maintaining Water Levels in:

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

Mounting Positions



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 (¾" - 2 ½") 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

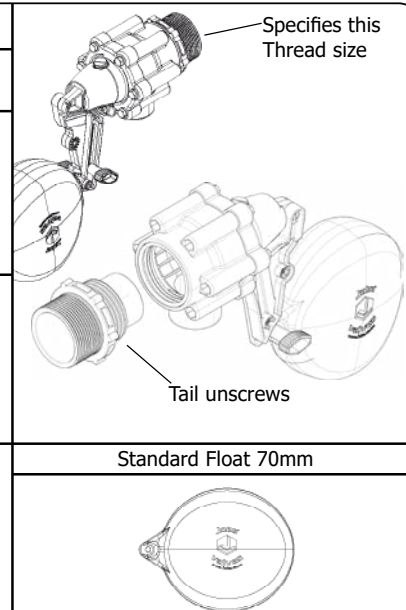
Options

Inlet Size

BSP	1 ¼" 32mm	1 ½" 40mm	2" 50mm
NPT	1 ¼"	1 ½"	2"

Floats: 70mm wide floats supplied standard.

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



VORTEX FLOAT VALVE SPECIFICATION

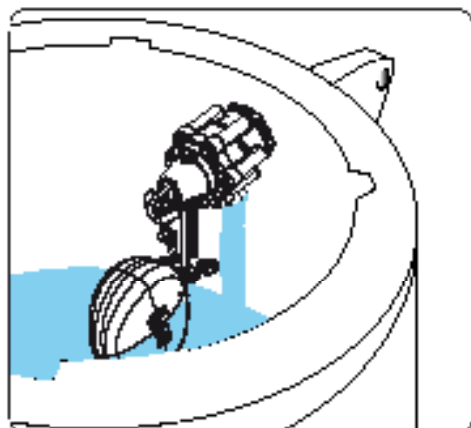
PRODUCT	CODE	INLET SIZE	CODE
Vortex Float Valve	VXV	1 ¼" bsp	32
		1 ½" bsp	40
		2" bsp	50
		1 ¼" NPT	0125
		1 ½" NPT	0150
		2" NPT	0200

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

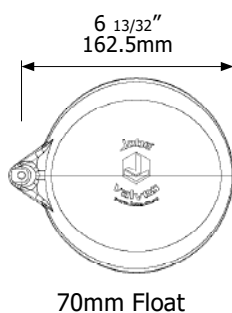
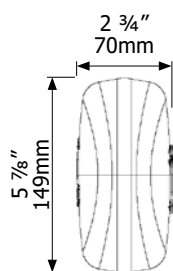
Note: Product may differ slightly from these specs due to ongoing product development.

VORTEX

DIMENSIONS & MATERIALS

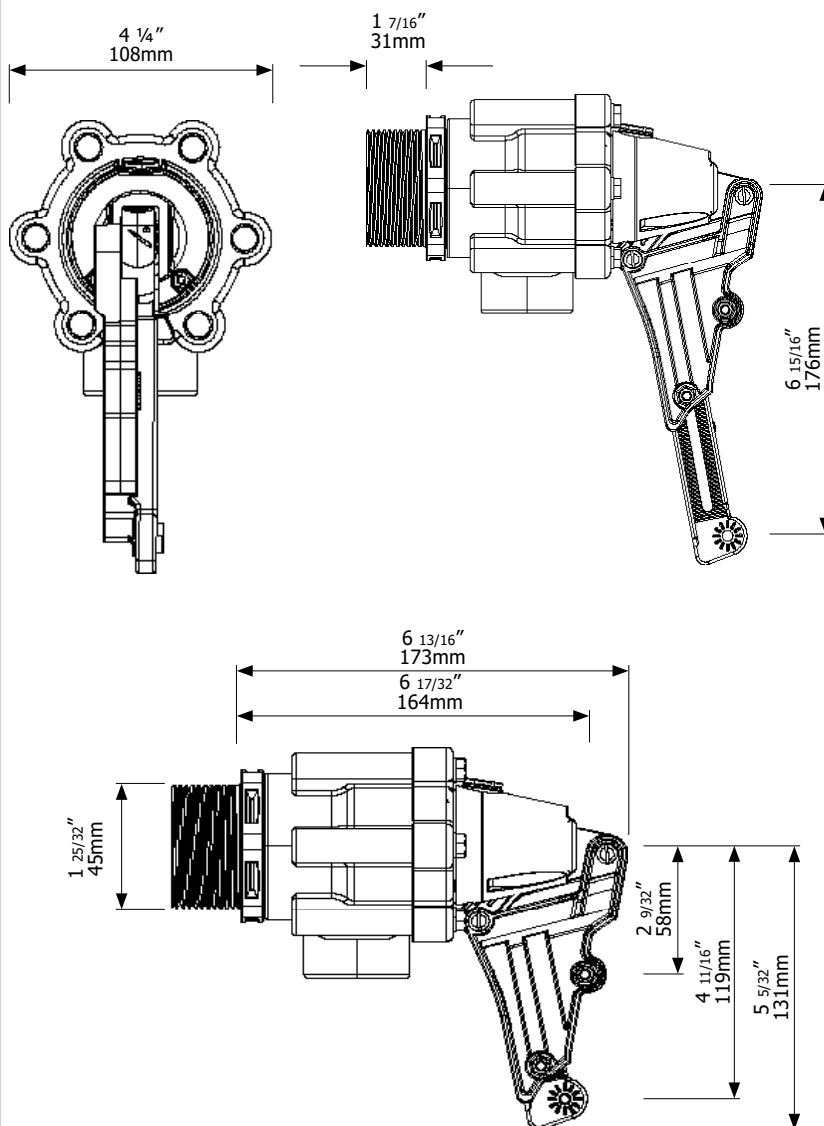


Float Dimensions



70mm Float

Vortex Dimensions



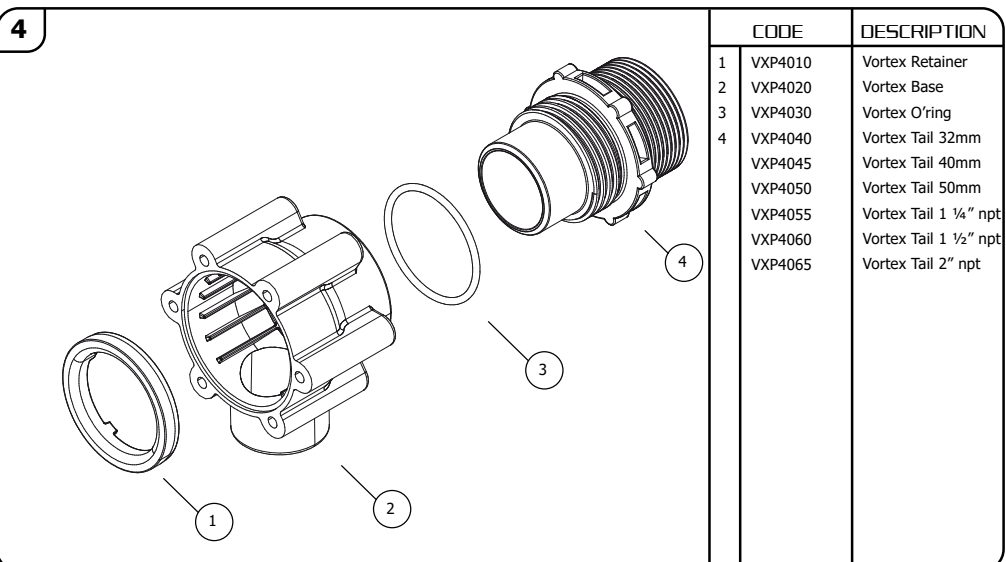
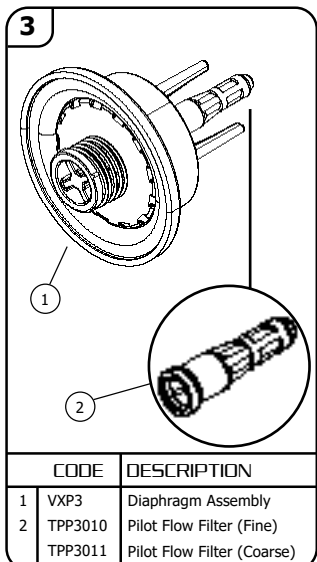
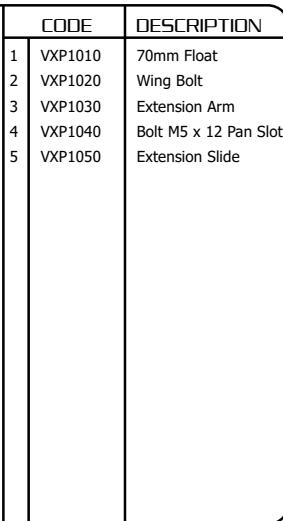
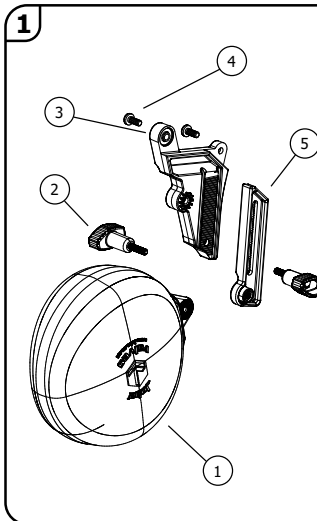
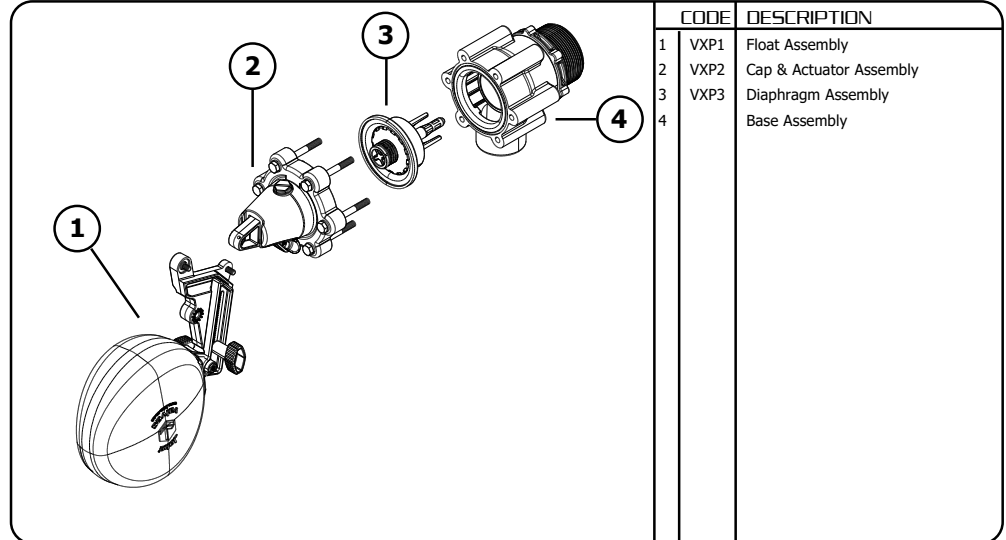
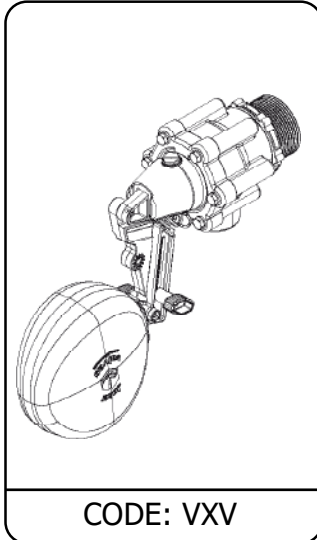
Part	Material	Part	Material
Valve Body	GF Nylon	Filter	PP/Nylon
White Internal Parts	Acetal	Springs, Bolts, Nuts, Pins, Screws	304 Stainless Steel
Arm Assembly	ABS	O'Rings	Nitrile
Diaphragm	EPDM	Float	HDPE
Seal	TPU		

Maximum Operating Temperature

60°C, 140°F

VORTEX

PARTS IDENTIFICATION SHEET



600 L / MIN