



**Up to 600 litres per minute
(132 gals/min)**

Dairy Spares Limited
Unit 1, Civic Industrial Park
Waymills, Whitchurch
Shropshire SY13 1TT

Telephone: **01948 667676**
Facsimile: **01948 666505**
email: sales@dairyspares.co.uk
Web: www.dairyspares.co.uk

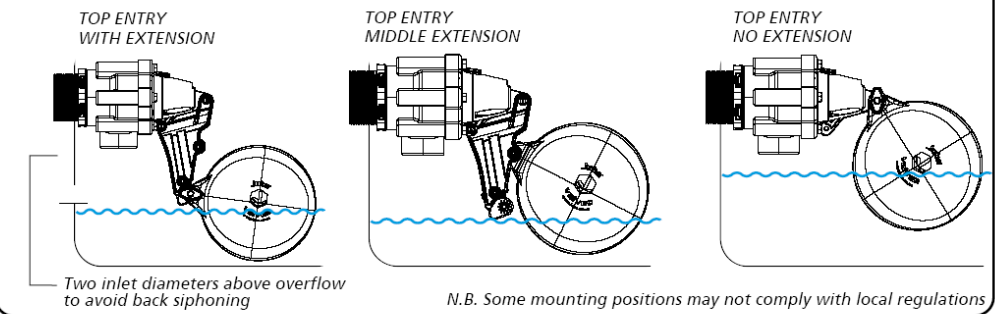
Description

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.

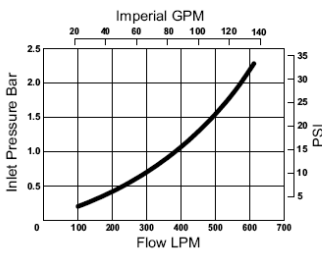
Applications

- 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)**

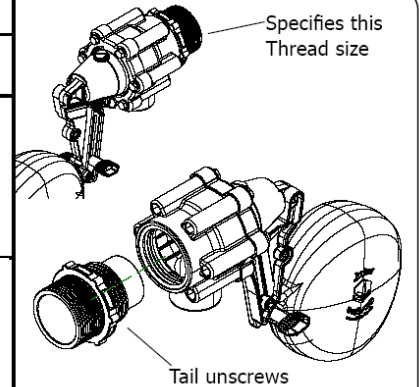


Features

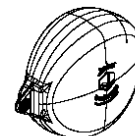
- High flow
- Compact robust construction
- Mounts horizontally or vertically
- Made from corrosion resistant materials
- Valve unscrews from tail for easy Valve seal access
- Shuts down slowly to minimise water hammer
- 20 - 60mm (3/4" - 2 1/2") water level differential (increases as water inlet pressure 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"	1 1/2"	2"
	32mm	40mm	50mm



Standard Float 70mm



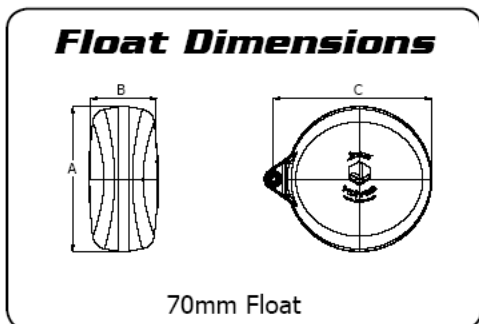
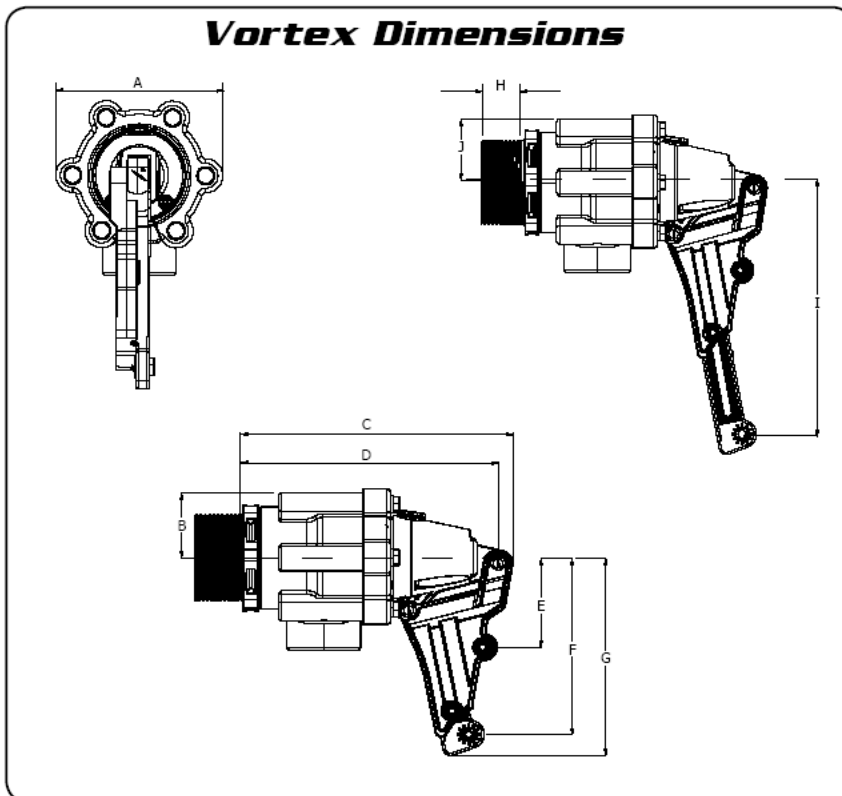
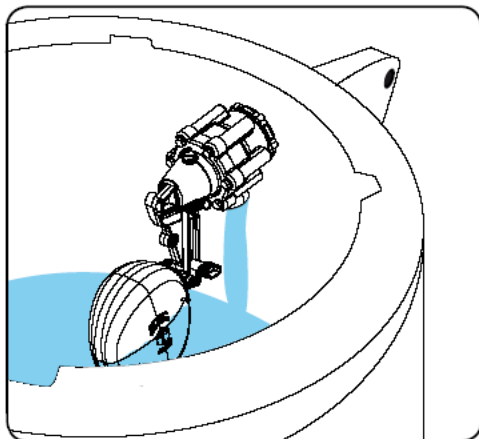
VORTEX FLOAT VALVE SPECIFICATION

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

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 FLOAT VALVE

DIMENSIONS & MATERIALS



Vortex Dimensions		
	mm	inches
A	108	4 1/4
B	45	1 25/32
C	173	6 13/16
D	164	6 17/32
E	58	2 9/32
F	119	4 11/16
G	131	55/32
H	31	1 7/16
I	176	6 15/16
Float Dimensions		
70mm Float	mm	inches
A	70	2 3/4
B	149	5 7/8
C	162.5	6 13/32

Materials	
Valve Body	GF Nylon
White Internal, External	Acetal
Arm Assembly	ABS
Diaphragm	EPDM
Seal	Urethane
Springs, Bolts, Nuts, Pin, Screws	304 Stainless Steel
O'Rings	Nitrile
Float	HDPE

Maximum Temperature of Operation 60°C, 140°F