

Customer Value through Innovation



# Float Valves

## Apex Xtraflo Trough Valve



## Apex Xtraflo® Trough Valve

The Apex Armless Xtraflo® Trough Valve is a compact diaphragm valve that is used for filling large troughs with a high flow demand. The armless design of the valve reduces the possibility of stock damage when compared with conventional brass arm valves as well as offering a 30mm water level differential to reduce the pump wear due to the reduced amount of pump cycles.

The valve also comes complete with a float which can have the height adjusted from above the water to set an accurate fill level. There is an option of long thread versions to eliminate the need for a tank fitting and the valve can be easily transformed to a top mount with the Xtraflo top entry conversion kit. There is a patented self cleaning valve mechanism and also an in line filter cage to reduce blockages.



### Innovative Design

- Armless design reduces possibility of stock damage.

### Non-Corrosive

- Constructed from corrosion resistant materials.

### Vast Applications

- Can be bottom, side or top mounted.

### Economical

- 30mm water level differential reduces the pump cycles.

### High Flow Rate

- Capable of delivering 500 litres per minute.

### Self-Cleaning

- Patented self-cleaning mechanism.

## Specifications

- Pressure range: 30-1200 kPa.
- Temperature range: 1°C - 60°C.

## Installation

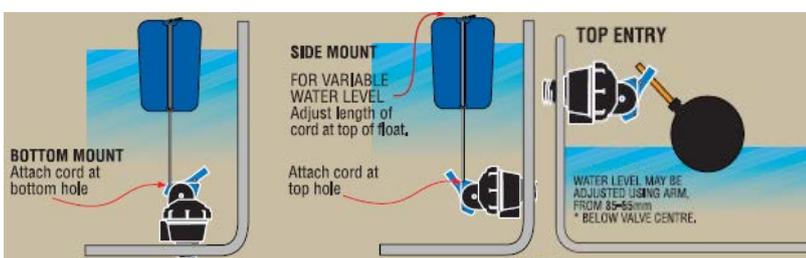
- Sealing threads should be joined with Teflon thread tape or an appropriate sealing compound.
- In areas where the temperature can be lower than 1°C (minimum service temperature) trough valves must be installed as side or bottom entry and not top entry.

## Standards & Approvals

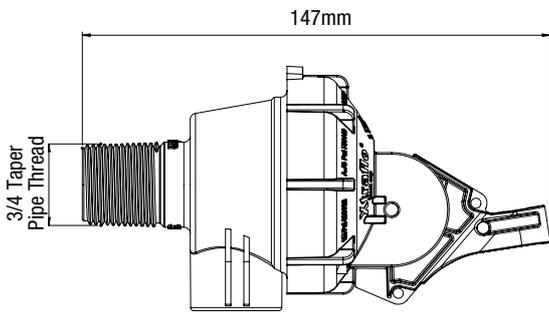
- Apex is a Quality Endorsed Company ISO 9001. Lic. 4886.

### Parts & Materials

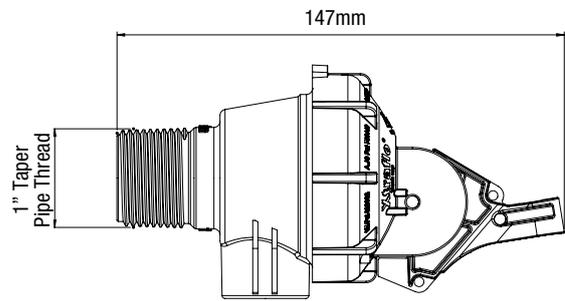
Body	UV Stabilised Acetyl
Float	Polyethylene
Split Pin	314 Stainless Steel
Arm	DR Brass (Dezincification resistant)
Diaphragm	NBR
Filter Cage	Polyethylene



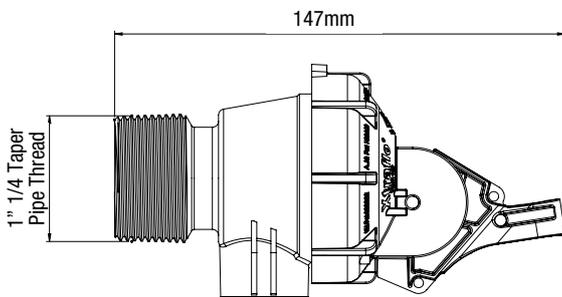
### Dimensions



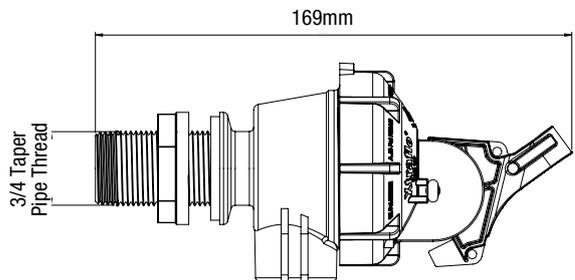
XF - 20



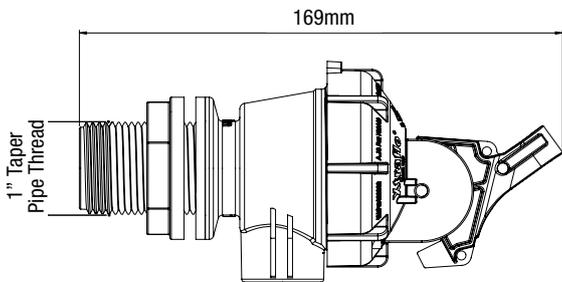
XF - 25



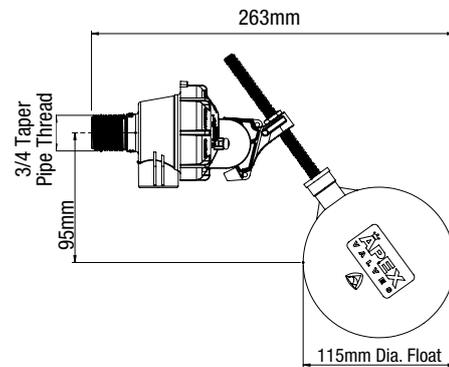
XF - 32



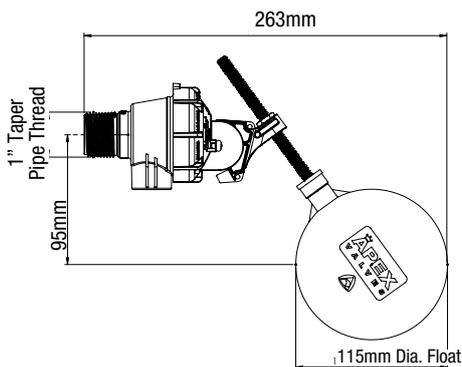
XFLT - 20



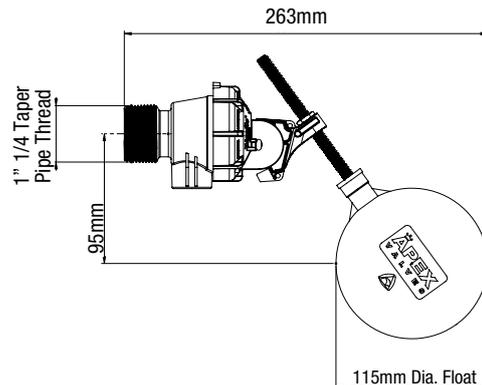
XFLT - 25



XFTE - 20



XFTE - 25



XFTE - 32

## Range



Apex Xtraflo Trough Valve

PART NUMBER	ITEM NUMBER	SIZE	THREAD
XFLT 20	08372107015	3/4"	LONG
XF 2520	08372107051	3/4" / '1"	
XFLT 25	08372107020	1"	LONG
XF 32	08372107055	1 1/4"	

## Spare Parts

PART NUMBER	ITEM NUMBER	DESCRIPTION
AXXFRK	08372114260	XTF REPAIR KIT
FLT SQBLU	08372113035	XTRAFLO FLOAT
PXF CAPASS	08372114220	CAP ASSEMBLY WITH LEVER
PXF 4	08372114215	DIAPHRAGM BACKING PLATE (HOLDING RING)
PXF D	08372114230	APEX XTF VALVE DIAPHRAGM HP (BLACK)
PXF DLP	08372114235	APEX XTF VALVE DIAPHRAGM LP (GREY)
XTF SPR L	08372114265	LARGE S/S SPRING (UNDERNEATH DIAPHRAGM)
XF TEK	08372107040	3/4", 1" & 1 1/4"

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