

# TOPAZ FLOAT VALVE

## PRODUCT INFO



### Description

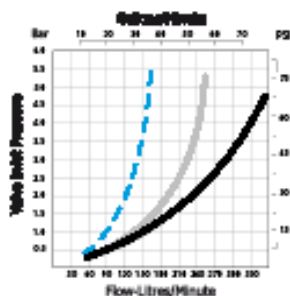
**Topaz trough valves** are float operated valves for use in automatic filling of water troughs, tanks, cisterns etc. The valve is configured for **above or below water mounting**. The float operates a small pilot valve which in turn operates the main diaphragm valve. Topaz trough valves are a good choice where their **high flow**, compact, robust, non corrosive construction and high level of adaptability are needed.

### Applications

Maintaining Water Levels in:

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

### Flow Graph

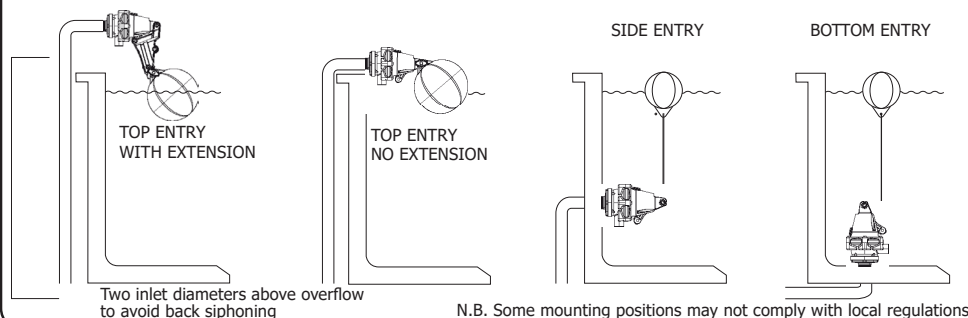


**Key** Flow Litres/Minute  
 — 15mm (1/2")  
 — 20mm (3/4")  
 — 25mm & 32mm (1" & 1 1/4")

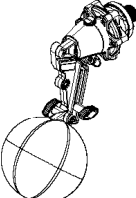
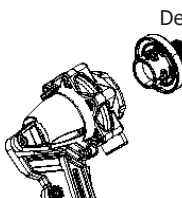
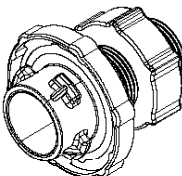


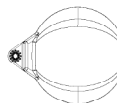
### Features

- High flow
- Compact robust construction
- Mounts horizontally or vertically
- Made from corrosion resistant materials
- 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

### Mounting Positions



### Options

BSP				NPT				Long Tail: Supplied with backnut and seal washer.		
Inlet Size	1/2"	3/4"	1"	1 1/4"	1/2"	3/4"	1"		1 1/4"	
Short Tail		✓	✓	✓		✓	✓		✓	
Long Tail	✓	✓	✓	✓	✓	✓	✓		✓	
 <p>Specifies this Thread size</p>				 <p>Detach</p>						
<b>Floats:</b> 125mm wide floats supplied standard. Note: Suitable for any mounting position  70mm and 95mm floats optional Note: Suitable for top entry only.								Standard	Optional	Optional
										
								125mm	70mm	95mm

### TOPAZ TROUGH VALVE SPECIFICATION

PRODUCT	CODE	INLET SIZE	CODE		OPTIONS	CODE
			BSP	NPT		
Topaz Trough Valve	TPV	1/2"	15	0050	Detach Base	D
		3/4"	20	0075	Long Tail Thread	LT
		1"	25	0100	70mm wide Float	F70
		1 1/4"	32	0125	95mm wide Float	F95

(e.g) A Topaz Trough Valve with: 3/4" bsp inlet thread, detach base, long tail thread has the following spec number: TPV 20 D LT

NOTE: If no options are specified the standard ones will be supplied

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