



TOPAZ

TROUGH VALVE



Description

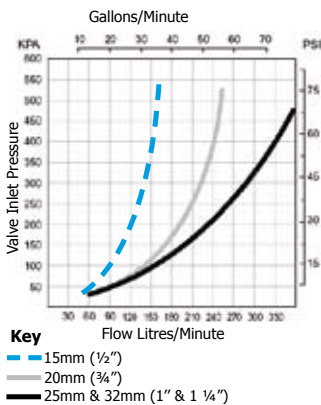
Topaz trough valves are float operated valves for use in automatic filling of water troughs, tanks, cisterns etc. The valve is configured for **above or below water mounting**. The float operates a small pilot valve which in turn operates the main diaphragm valve. Topaz trough valves are a good choice 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

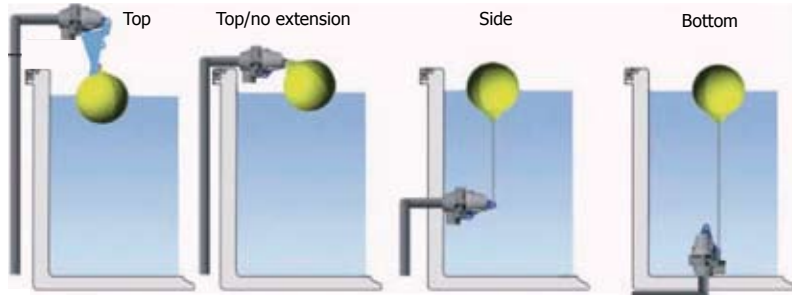
Flow Graph



Features


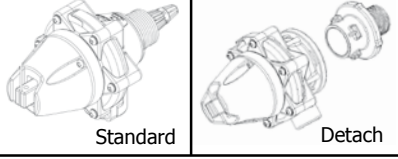

- High flow
- Compact robust construction
- Mounts horizontally or vertically
- Made from corrosion resistant materials
- Shuts down slowly to minimise water hammer
- 20 - 60mm (3/4" - 2 1/2") water level differential (increases as water inlet pressure increases)
- Pressure rating 0.3 - 7 Bar (5 - 100 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



Note: Some mounting positions may not comply with local regulations.

Options

	BSP				NPT			 Specifies this Thread size
	1/2"	3/4"	1"	1 1/4"	1/2"	3/4"	1"	
Inlet Size	1/2"	3/4"	1"	1 1/4"	1/2"	3/4"	1"	
STD Base Short Tail		✓	✓	✓		✓	✓	 Standard Detach
Detach Base Short Tail		✓	✓	✓		✓	✓	
Detach Base Long Tail	✓	✓			✓	✓		
Long Tail:	Available only with Detach Base. Supplied with backnut and seal washer. 1/2" Long Tail: 100mm long. 3/4" Long Tail: 38mm long.							
Floats:	125mm wide floats supplied standard. Note: Suitable for any mounting position 70mm and 95mm floats optional Note: Suitable for top entry only.							

TOPAZ TROUGH VALVE SPECIFICATION

PRODUCT	CODE	INLET SIZE	CODE	OPTIONS	CODE
Topaz Trough Valve	TPV	1/2" bsp/npt	15	Detach Base	D
		3/4" bsp/npt	20	Long Tail Base	LT
		1" bsp	25		
		1" npt	1"	70mm wide Float	F70
		1 1/4" bsp	32	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.