

TOPAZ INDUSTRO

PRODUCT INFO



Description

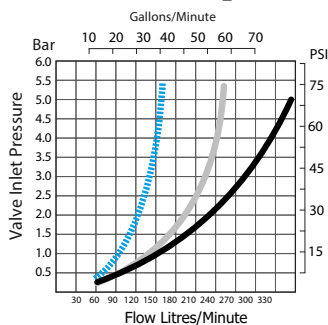
Topaz Industro Float Valves are designed to maintain water levels in applications requiring a valve with high mechanical strength and heat resistance. Some typical applications would be refilling cooling towers and storage tanks, high pressure cleaning and car wash systems as well as many light industrial, air conditioning and irrigation installations.

Applications

Maintaining Water Levels in:

- Car Wash systems
- Water Storage Tanks
- Water Cisterns
- Air Conditioning Systems
- High Pressure Cleaning Systems
- Irrigation Applications

Flow Graph



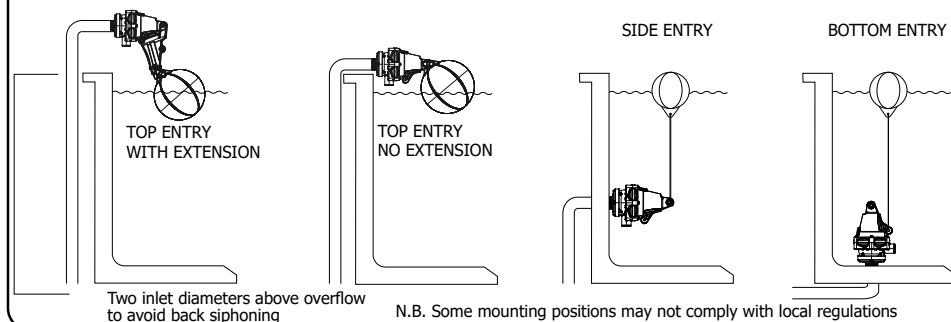
Key

- 15mm (1/2")
- 20mm (3/4")
- 25mm & 32mm (1" & 1 1/4")

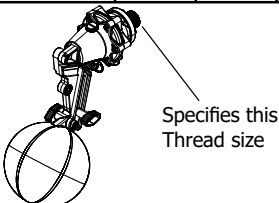
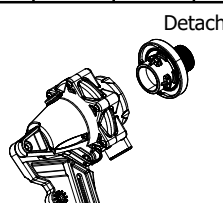
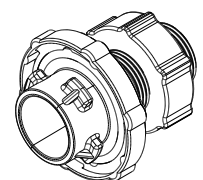
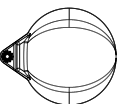
Features

- High flow
- Compact robust construction
- Maximum water temperature 80°C / 176°F
- Made from approved materials
- 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	3/4"	1"	1 1/4"	3/4"	1"	1 1/4"			
Short Tail	✓	✓	✓	✓	✓	✓			
Long Tail	✓	✓	✓	✓	✓	✓			
									
Floats: 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 INDUSTRO FLOAT VALVE SPECIFICATION

PRODUCT	CODE	INLET SIZE	CODE	OPTIONS	CODE
Topaz Industro Float Valve	TPVI	3/4" 1" 1 1/4"	BSP	Detach Base	D
			NPT	Long Tail Thread	LT
			20 25 32	70mm wide Float	F70
				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: TPVI 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.

TOPAZ INDUSTRO

DIMENSIONS & MATERIALS



Topaz Dimensions

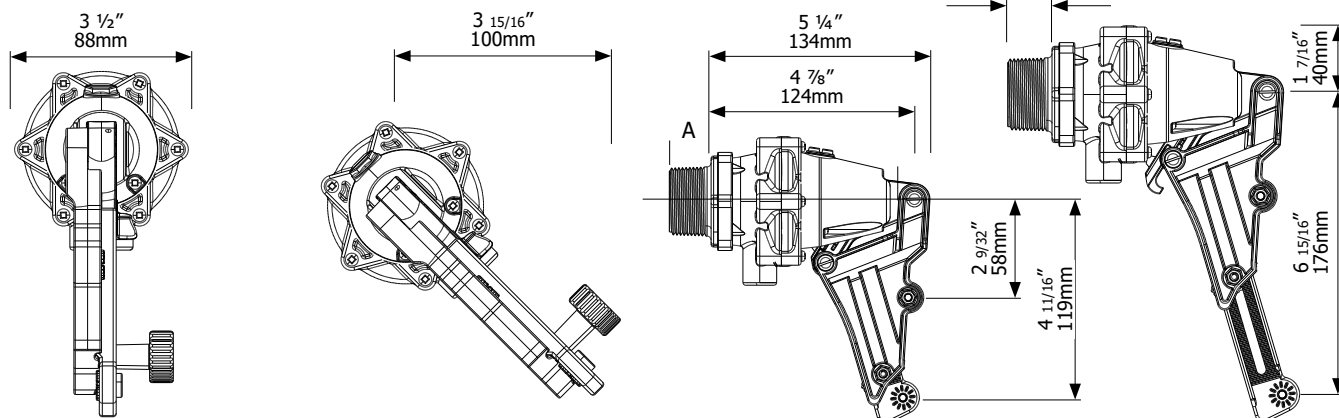
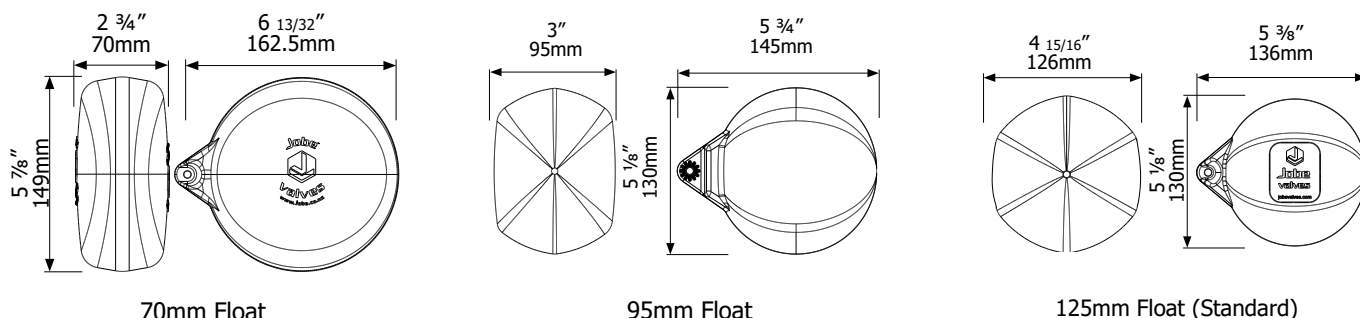


Fig. 1

Float Dimensions



70mm Float

95mm Float

125mm Float (Standard)

Materials

Valve Body	Grivory	Springs, Bolts, Nuts, Pin, Screws	304 Stainless Steel
White Internal Parts	TE21 Acetal	O'Rings	Nitrile
Filter	PP/Nylon	Float	HDPE
Diaphragm	EPDM	Float Cord	Polyester
Valve Seal	Santoprene		

Tail Dimensions

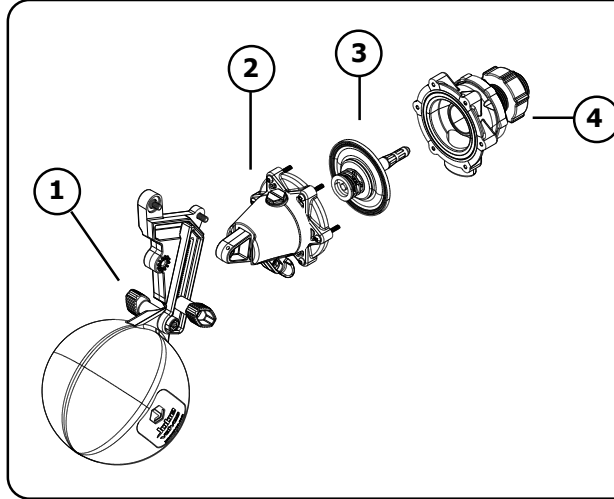
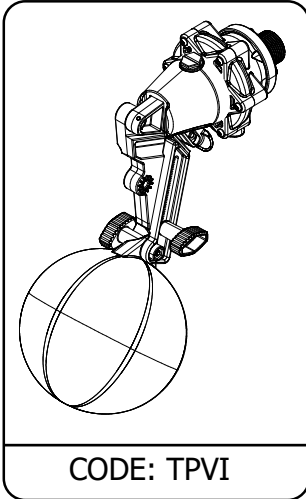
Dimension A	mm	inches
20mm (3/4") Short tail	22	7/8
25mm (1") bsp/npt short tail	22	7/8
32mm (1 1/4") bsp/npt short tail	25	1
15mm (1/2") long tail	100	4
20mm (3/4") long tail	38	1 1/2
25mm (1") bsp/npt long tail	54	2 1/8
32mm (1 1/4") bsp/npt long tail	60	2 3/8

Maximum Operating Temperature

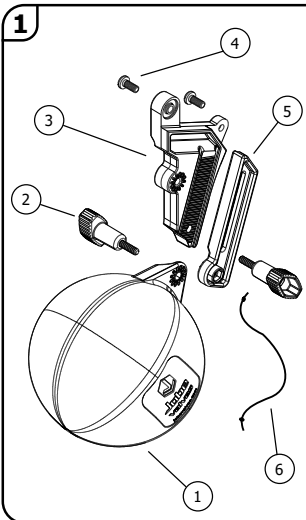
80°C, 176°F

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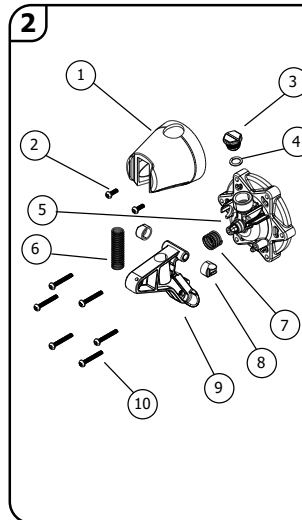
PARTS IDENTIFICATION SHEET



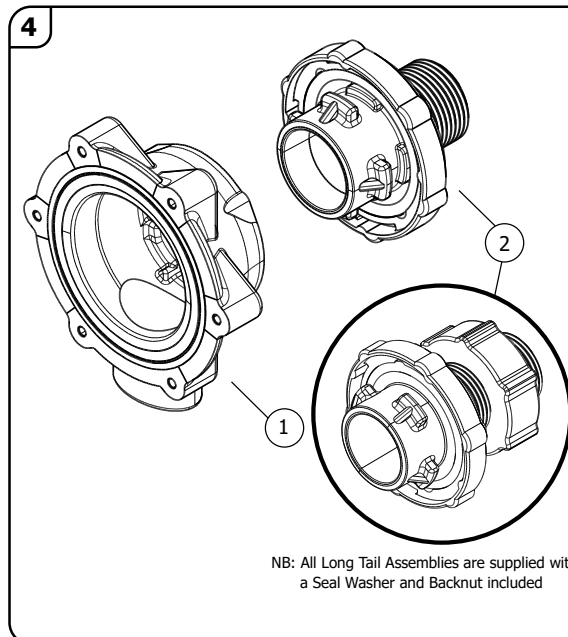
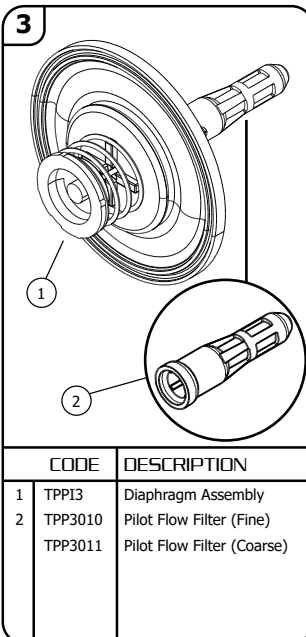
CODE	DESCRIPTION
1 TPP11	Float Assembly
2 TPP12	Cap & Actuator Assembly
3 TPP13	Diaphragm Assembly
4	Detach Base Assembly



CODE	DESCRIPTION
1 TPP10110	70mm Float
TPP10115	95mm Float
TPP10120	125mm Float
2 TPP1020	Wing Bolt
3 TPP1030	Extension Arm
4 TPP1040	Bolt M5 x 12 Pan Slot
5 TPP1050	Extension Slide
6 TPP1060	Float Cord



CODE	DESCRIPTION
1 TPP12010	Actuator Cap
2 TPP12020	6g x 10 S/S Screw
3 TPP12030	Frost Pro Plug
4 TPP12040	Frost Pro O'ring
5 TPP12050	Valve Cap Assembly
6 TPP12060	Actuator Spring
7 TPP12070	Damping Spring
8 TPP12080	Bearings (set of two)
9 TPP12090	Actuator Arm
10 TPP12100	6g x 25 S/S Screw



CODE	DESCRIPTION
1 DTP11	Industro Detach Base
2	BSP Tails
	Short Tail Assembly (BSP)
DTP1020	Industro Detach Tail 20mm(3/4") Short
DTP1025	Industro Detach Tail 25mm(1") Short
DTP1032	Industro Detach Tail 32mm(1 1/4") Short
	Long Tail Assembly (BSP)
DTP1015L	Industro Detach Tail 15mm (1/2") Long
DTP1020L	Industro Detach Tail 20mm (3/4") Long
DTP1025L	Industro Detach Tail 25mm (1" bsp) Long
DTP1032L	Industro Detach Tail 32mm (1 1/4" bsp) Long
	NPT Tails
	Short Tail Assembly (NPT)
DTP10075	Industro Detach Tail 3/4" npt
DTP10100	Industro Detach Tail 1" npt
DTP10125	Industro Detach Tail 1 1/4" npt
	Long Tail Assembly (NPT)
DTP10050L	Industro Detach Tail 1/2" npt Long
DTP10075L	Industro Detach Tail 3/4" npt Long
DTP10100L	Industro Detach Tail 1" npt Long
DTP10125L	Industro Detach Tail 1 1/4" npt Long