



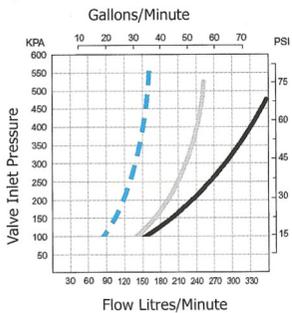
# Jobe valves DIFFERENTIAL Valves From Dairy Spares

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**Up to 200 ltr/min (44 gal)**



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

### Topaz Differential Applications

Maintaining water levels via a pumped or pressurise supply in:

- Water Storage Tanks
- Water Cisterns
- Irrigation Applications

Jobe Differential Valves are high flow Reservoir Valves for water storage tanks incorporating fully adjustable water level settings between on and off. Ideal for tanks being filled by a pumped supply, as the pump will be switched on a minimal number of times; reducing electric consumption, increasing the pump life and helping the environment.

### Principle of Operation

- Topaz Differential is mounted at the top of the tank and is easily fixed through a plastic wall or into a threaded tank inlet.
- As the tank empties the weighted float travels down the cord and weight is transferred to the bottom stop to activate the valve.
- Once on the valve will run continuously until the tank is full. The weighted float rises, then contacts with the float stop which lifts the arm to shut the valve off.
- Intermittent pump running does not occur at any stage of filling because Topaz Differential is full flow in operation, your pump runs unrestricted until the tank is full.



**Typical Installation**

### Features

- High flow
- Easily adjustable water level differentials between on and off (50mm - 2.5 m differentials obtainable).
- Reduces pump operation to a minimum.
- Detach™ Valve Seal Access System for quick access to valve seal (Patented)
- Easy to install and service
- Constructed from robust non corroding materials
- Ideal for use with all makes and models of tanks.

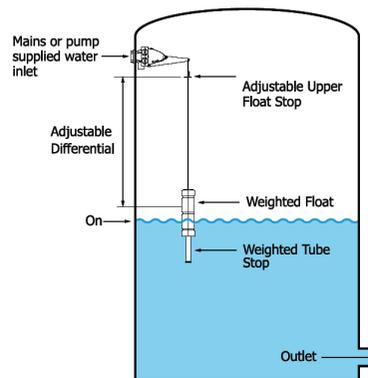
### Topaz Differential available Inlet Sizes

- WF128A** 15mm (1/2")
- WF128B** 20mm (3/4")
- WF128C** 25mm (1")
- WF128D** 32mm (1 1/4")

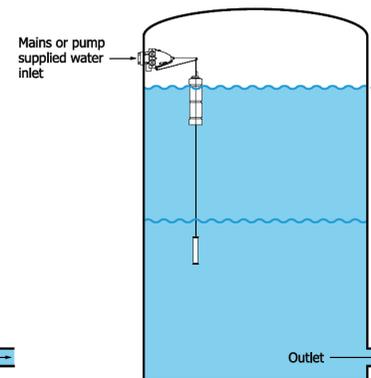
All supplied in Detach long tail thread with back nut

**Pressure Range**  
1 Bar – 10 Bar (15 psi-150 psi)

**Topaz Differential Operating Zone**



**Topaz Differential Filling Zone**



Note: Keep overflow, inlet and outlet to pressure pump as far away from the float valve as possible.

Maximum Temperature of Operation 45°C, 115°F

Typical Volume Washer pump may use 70 - 100 litres/min

### Vortex Differential available Inlet Sizes

- VXVD32** 32mm (1 1/4")
- VXVD40** 40mm (1 1/2")
- VXVD50** 50mm (2")

**Pressure Range**  
1 Bar – 10 Bar  
(15 psi-150 psi)

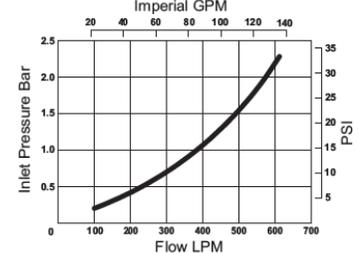
### Vortex Differential Applications

Maintaining water levels via a pumped or pressurise supply in:

- Water Storage Tanks
- Water Cisterns
- Irrigation Applications



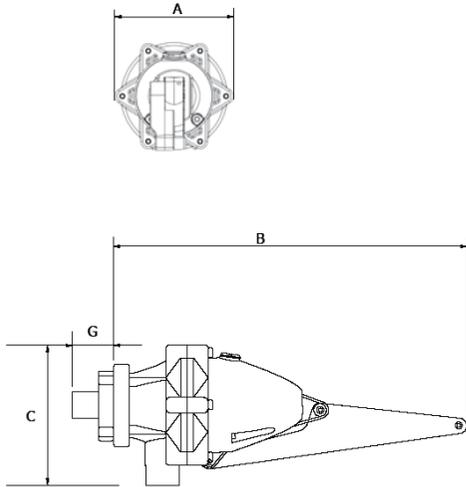
**Up to 600 ltr/min (132 gals)**



# TOPAZ™ DIFFERENTIAL



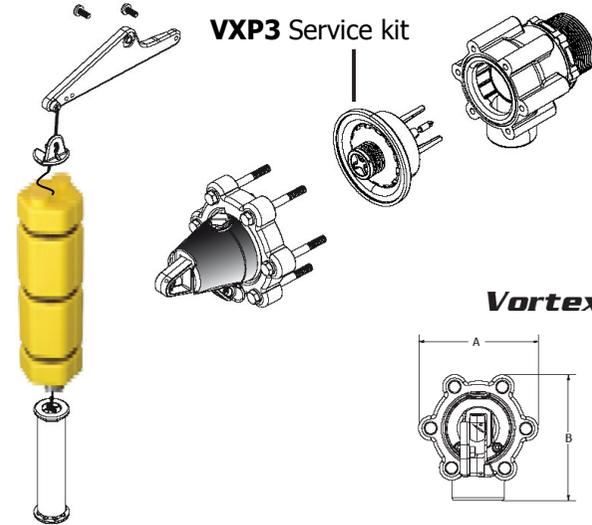
## Topaz Dimensions



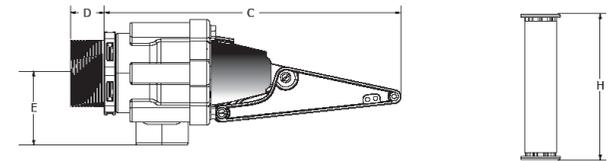
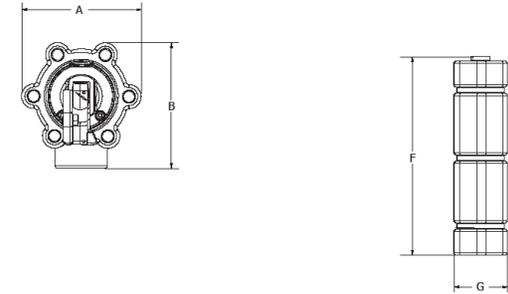
## Topaz Dimensions

	mm	inches
A	88	3 1/2
B	227	8 15/16
C	90	3 17/32
D	208	8 3/16
E	62	2 7/16
F	20	12/16
G	15mm (1/2") Long Tail	3 15/16
	20mm (3/4") Long Tail	1 13/16
	25mm (1") Long Tail	2 7/16
	32mm (1 1/4") Long Tail	2 21/32

# VORTEX Differential



## Vortex Dimensions



## Vortex Dimensions

	mm	inches
A	108	4 1/4
B	110	4 3/8
C	270	10 11/16
D	31	1 7/16
E	65	2 7/16
F	208	8 3/16
G	62	2 7/16
H	132	5 3/16