

# TOPAZ DIFFERENTIAL

## PRODUCT INFO



## Differential

### Description

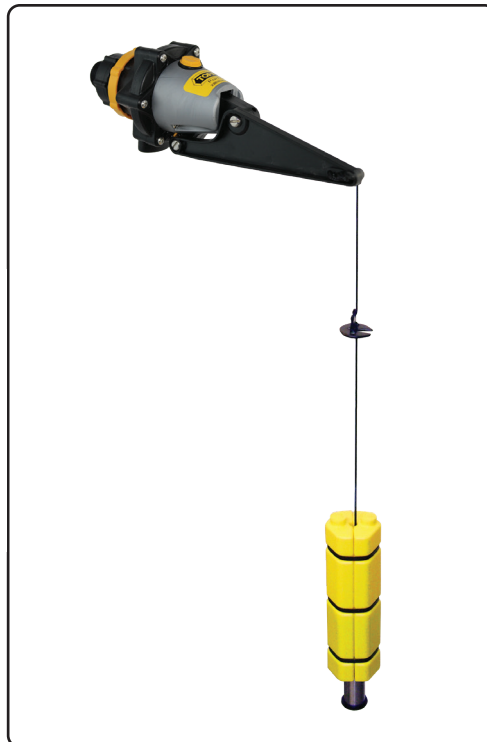
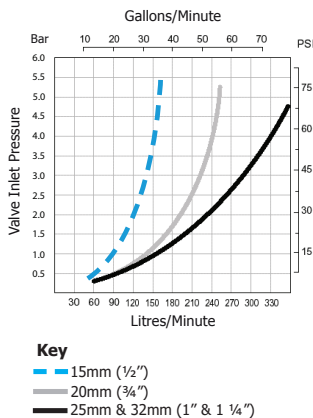
Topaz Differential valves are ideal for use in water tanks which are filled by a pressure system controlled water pump. The valve gives a level difference which is adjustable from 50mm up to 2.5m to minimise starting and stopping of the pumping system.

### Applications

Maintaining Water Levels in:

- Water Storage Tanks
- Water Cisterns
- Irrigation Applications

### Flow Graph



### Principle of Operation

- The valve mounts at the top of the tank. It fits easily through a thin walled tank or screws into a threaded tank inlet.
- As the tank empties the weighted float travels down the cord until it hits the bottom stop. The valve then opens immediately to give a full flow.
- The valve now runs constantly and the weighted float rises until it hits the upper float stop. This lifts the arm and the valve shuts down.
- Observe the pressure that your pump runs at while the tank is filling. Set the pressure switch to turn the pump off at a pressure at least one bar above the running pressure.

### Pressure Range

1 Bar – 10 Bar  
(15psi-150 psi)

200 L / MIN

### Features

- High flow
- Start and stop levels can be easily adjusted to give water level differentials from 50mm to 2.5 m
- Keeps pump operation to a minimum.
- Detach™ Valve Seal Access System for quick access to valve seal (Patented)
- Ideal for all makes and models of tanks.

### Available Inlet Sizes

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

All supplied in Detach long tail thread with back nut.

### Typical Installation

