

# QuickStop – Adjustable

High efficiency, rapid opening and closing alternative to a ball-cock valve with adjustable level control

- **Rapid Valve Action**
- **High Flow Rate**
- **Easy to Install and Adjustable**
- **Sturdy Polycarbonate Construction**
- **Patented Valve Action**
- **Suitable for Pump or Gravity Fed Applications**

## How Does It Work?

**QuickStop Adjustable** has a very high flow rate allowing rapid filling with minimal pressure loss. Designed as a replacement to conventional ball-cock valves in water tanks to protect booster pumps, the **QuickStop Adjustable** goes instantly from fully open to fully closed.

This hydraulically actuated valve is of particular use in pumped systems as it prevents repeated stop/start cycling of pumps when filling tanks or cisterns. The valve passes a high flow rate from the pump immediately. The potential for damage to the pump from overheating is therefore reduced.

The efficiency and running costs of the system are reduced as the pump is not running at full power while only delivering a low volume of water through a partially closed valve.

**QuickStop Advance** valve can be used in both a passive gravity fed or pumped system. Suitable for filling tanks, cisterns or troughs for livestock.

When water is drawn from the tank, **QuickStop Adjustable** allows for the water level to drop without activating the pump.



## Adjustment Close-up

The close-up shows in detail the adjustment that can be made to the **QuickStop Adjustable**. This allows for precise control of when the regulator is opened or closed by the movement of the float.

- 1) Locking Lever
- 2) Mounting Angle Adjustment
- 3) Arm Length Adjustment.

**QuickStop Adjustable** has a delayed re-start level. This is particularly useful in situations where the user only requires a small volume of water and does not want to have to use the pump each time.

The Locking Lever (1) easily sets the minimum and maximum tank liquid levels giving great flexibility from 0 to 150° and from 0 to 30° on the 0.5 inch version. After installation, the lever can be adjusted entirely by hand, without tools.

The addition of a second adjustable joint (2) to the actuator arm allows for greater control of the stop / start water level.

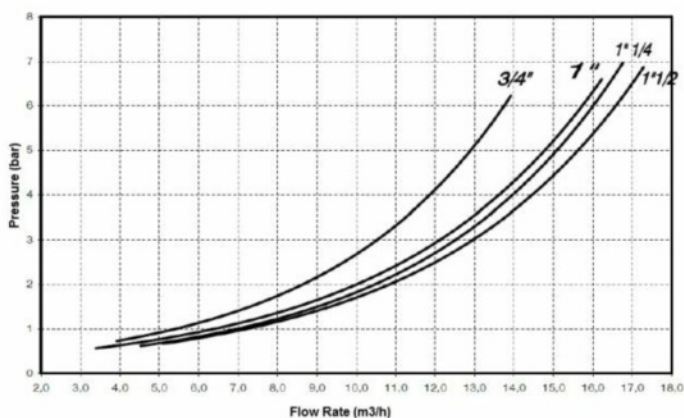
The length of the float arm (3) can be simply adjusted by up to 60mm in 6 pre-set increments.

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## Technical Specifications

|                       |                 |                             |
|-----------------------|-----------------|-----------------------------|
| <b>BSP Connection</b> | 1/2"            | 3/4", 1",<br>1 1/4", 1 1/2" |
| Width                 | 80mm            | 150mm                       |
| Length                | 240mm           | 350mm                       |
| Height                | 50mm            | 70mm                        |
| Material - Body       | Polycarbonate   |                             |
| Material - Screws     | Stainless Steel |                             |
| Inlet Fitting         | BSP             | BSP & NPT                   |
| Outlet Fitting        | BSP             | BSP & NPT                   |
| Operating Temperature | 0 to 50°C       |                             |
| Operational Pressure  | 0.2 - 6 Bar     |                             |
| Max System Pressure   | 15 Bar          |                             |



## Included Components

- QuickStop Advance - Adjustable Regulator.
- Plastic and Rubber washers for mounting.
- Back nut for mounting.

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