

## BACK-FLOW VALVES

The unique design of our water and sewage valve means that in normal everyday operation the system remains fully open, allowing solids to flow freely and unrestricted through the entire valve.

Integral stop points within the wing of the gate, plus built-in flow channels, combine to direct the water and sewage cleanly through the valve, protecting it from blockages resulting from a build-up of solids.

When back-flow occurs, the water is diverted underneath the gate, via special channels, causing the gate to close automatically against the integrated 'O' ring seal. Coupled with the unique in-built floatation devices, the dual-action protection means that the valve functions whether the back-flow occurs as a steady flow or as a fast surge.

The Back-Flow Valve is simple to fit and is available with an optional add-on inspection cover.

The valve design has won numerous awards and has been described as the most innovative and effective solution to sewage back-flow available. They are fully certified by the CSA and have been vigorously tested in the most adverse of back-flow conditions.

In-line automatic valves to prevent sewage backflow problems.



### Applicability

- Flood Control's Back-Flow Valves prevent flood water from flowing back up a sewer into a property, yet in everyday operation the system remains fully open.

### Key Benefits

- Operates automatically in the event of flooding.
- Built in channels ensure that normal flows are not restricted, preventing blockages from a build up of solids.
- Permanent installation.
- Virtually maintenance free.

### Sizes

- Available Sizes are 100mm European Standard and 4" US Standard.
- Dimensions are 280 x 254 x 534mm (HxWxL).
- Weight is 2.4kg.
- Connections - EU Standard Male Chamfered. US Standard Female Chamfered.

### Specifications

- Body, Lid, Gate - Acrylonitrile Butadiene Styrene (ABS)
- Lid Bolts - Stainless Steel
- Gate Seal - Neoprene 241 'O' ring
- Lid Gasket - closed-cell Neoprene.

