ASTRAL PIPES



BACKFLOW PREVENTER VALVE

PVC VALVE TO RESTRAIN BACKWATER

About Astral Back Flow Preventer Valve

Following the custom of spearheading numerous inventive products, the Astral Pipes has come up with one more value-added product 'Backflow Preventer Valve'. The Backflow preventer valve is typically used to shield private underground seepage frameworks and for flooding protection which is mainly caused by the public sewer system.

Application

- Buildings having plumbing fixtures on ground level & basements
- Buildings in low-lying & flood-prone areas
- Preferably all buildings, as a good engineering practice

Features & Key Properties

- Solid and durable design
- Leak-proof joining
- Adequate elastic seal for effective fixing
- Easy and fast installation
- Automated operation
- Removable top for ease of maintenance
- Valve can be closed in both directions if required for maintenance
- Prevents back-flow from rainwater as well as sewer lines
- Designed to prevent the entry of rodents

Product Range

- 110 mm
- 160 mm

Working Principle

In normal working conditions, the wastewater will flow from the building through the back flow valve into the sewer. Astral Back Flow Preventer Valve applies a simple and sturdy mechanism of non-return flow through a flap & sealing ring. During a backwater incident, backwater from the sewer is prevented from entering the building by the backwater flap. The flap can also be locked manually if required.

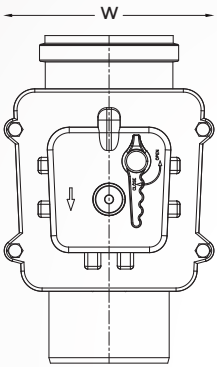


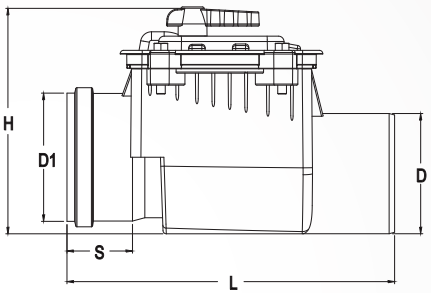
Standards & Specifications

Astral Back Flow Preventer Valves are being manufactured according to EN 13564

Product Range

Item	Size (mm)	Product Code	Standard Packing (nos.)
Back Flow Preventer	110	M1920111209	02
	160	M1920111212	02





Size (mm)	Dimensions (mm)					
	D	D1	L	H	S	W
110	110	118	300	206	60	192
160	160	168	373	261	78	238

Installation

- The valve should be installed in the main waste line connecting to the municipal manhole. Also, ensure to install it after the connection of the last plumbing fixture.
- The valve should be installed in visible, easily accessible spaces
- Preferably, the valve should be installed in the inspection chamber so that it can be easily operated & maintained and protected from any external damage
- Valve should be installed on levelled & compacted surface. Spirit level provided on top of the valve can be used to maintain the correct level



A consumer validated ***Superbrand in piping*** *category for* ***consecutive 6 years***



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ASTRAL PIPES

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