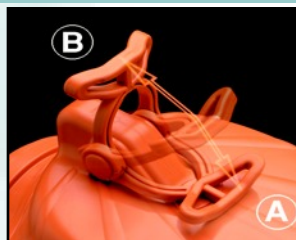


# 3P Backflow Prevention Valves

Lockable backwater valves for effective flood prevention - 110, 160 and 200mm



Manual closure lever to prevent flow in both directions.

Rodent resistant stainless steel faceplate.

## Backflow Prevention Valves

Flood damage can prove very expensive. Prevention is far more cost-effective. These economically priced EN certified valves prevent backflow into residential and commercial premises via the drain systems, toilets or sewers.

The backflow valves can be installed in horizontal sewage pipes within the building or in manholes/access chambers outside the building.

### Fits UK Pipes

The valves come in standard sizes to fit UK pipes at 110, 160 and 200mm

### Meets Regulations

The economically priced valves are EN certified and meet UK regulation BS EN13564-1:2002.

### Rodent Protection

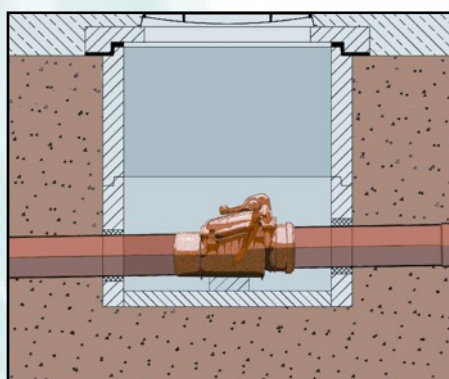
The faceplate's guard and gasket are designed to protect against damage by rodents and block their entry.

### Smooth flow

They have a smooth interior surface to prevent any sediment collection and to ensure smooth flow.

### Lockable and Easy to Service

The valves feature a locking lever to manually close the valve in both directions. To service, the stainless steel screws are simply removed giving access to the flap and gasket.



Installation in an access chamber.

## Specification:

- Fully automatic operation
- High quality polypropylene
- Stainless steel faceplate
- Rodent barrier and EPDM rubber seal
- Manual locking lever
- Liquid temperatures up to 95°C
- Removable lid for maintenance

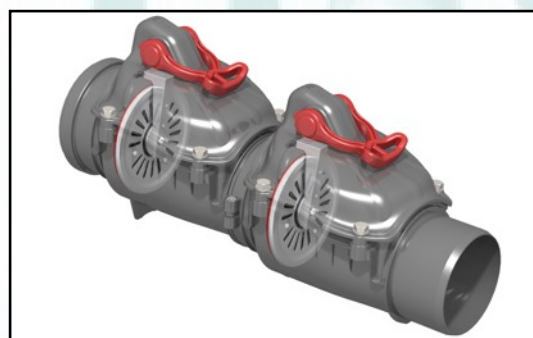


Product Code	Fits Pipe Diameter (mm)	Dimensions (LxWxH)	Weight (kg)
KARZB100	110	287 x 188 x 210	0.88
KARZB150	160	318 x 202 x 228	1.89
KARZB200	200	480 x 311 x 328	3.6

## Multi-flap Backflow Valves

Multi-flap valves are available in the above sizes, to provide additional security against backflow in special risk situations. With the same high quality construction as the above backflow valves and the following additional features:

- **Independent protecting covers** - Pressure affecting the first flap is not immediately transferred to the other.
- **Independently Lockable Valves** - Allows fast evaluation of the proper operation of both valves.



Double-flap backflow prevention valve

# 3P Flap Valves

High quality flap valves for pipes from 72 - 160mm

## Flap Valves

Flap Valves are innovative devices used to prevent flooding caused by the back flow of storm water and sewage. Backflow can be caused by intense rain, thaw or floods. The valves prevent backflow into residential and commercial premises via the drain systems, toilets or sewers.

The flap valves can be installed at the end of horizontal sewage pipes entering collection wells, cesspits or in drainage pipes leading storm water to soakaways or rivers.

The Drainage Flap Valve comes with an universal coupler allowing it to be installed on drainage pipes or corrugated pipes without holes, from 72 to 100mm diameter.

### Fits UK Pipes

The valves come in standard sizes to fit UK pipes at 110 and 160mm.

The Drainage Flap Valve with universal coupler fits drainage pipes from 72mm to 100mm.

### Highest Quality Construction

The Flap Valves are made from high quality polypropylene with increased UV resistance, making them longer lasting in extreme external conditions. The material is harmless to the environment and can withstand temperatures up to 95°C as well as resist aggressive chemicals.

### Meets Regulations

The economically priced valves are EN 13654 certified and meet UK regulations.

### Rodent Protection

The flap's guard and gasket are designed to protect against damage by rodents and block their entry.

### Smooth flow

They have a smooth interior surface to prevent any sediment collection and to ensure smooth flow.



Flap Valves to fit 110mm or 160mm pipe



Drainage Flap Valve with Universal Coupler to fit pipe diameter 72-100mm

## Specification:

- Fully automatic operation
- High quality UV resistant polypropylene
- Stainless steel faceplate,
- Rodent barrier and EPDM rubber seal
- Suitable for use in temperatures up to 95°C



Product Code	Fits Pipe Diameter (mm)	Dimensions (LxDiameter)	Weight (kg)
KARZF100	110	111 x 155	0.35
KARZF150	160	144 x 209	0.75
KARZFDR	72 - 100	111 x 155	0.35

**Please contact our sales team to order from the Backflow Prevention Range, or to discuss your project requirements (e.g. multi-flap backflow prevention valves).**

Supplied from UK stocks. Superb after sales support. Please contact us for details.