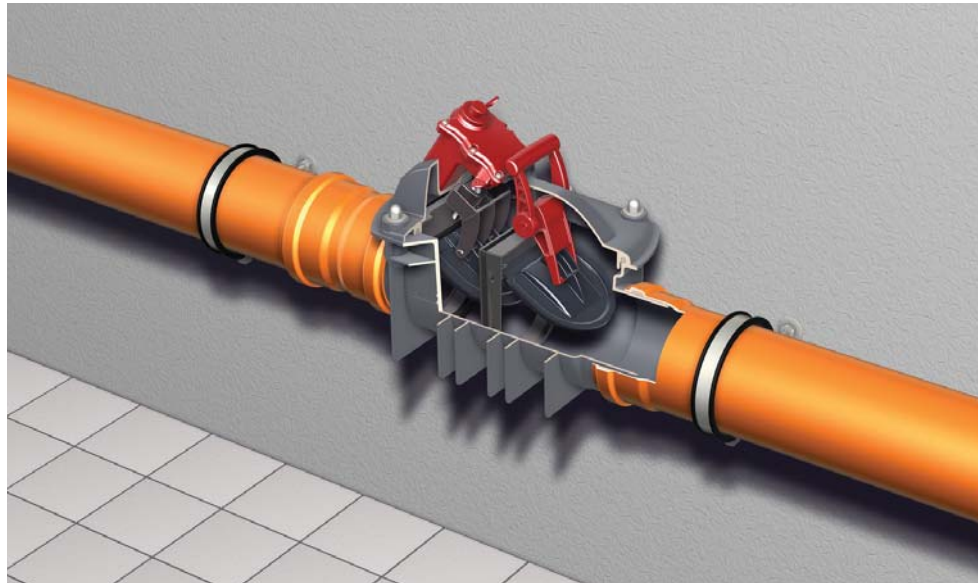


ACO Anti-flood Systems



ACO QUATRIX®

Backflow valve

The ACO QUATRIX® backflow valve is an in-line Type 3 automated anti-flooding device conforming to BS EN 13564 suitable for black water connections (faecal wastewater) installed into site-built access chambers or wall mounted applications.

Versatile design

The ACO QUATRIX® plain backflow valve can connect to 110mm and 160mm Ø drain pipe. This Quatrix model with IP67 rated motor/valve body, has no fitted access chamber making it ideal for installations with deep invert pipework requiring operative access within a brick built access chamber for internal or external applications.

Reliable function

Under normal conditions the backflow flaps are open allowing waste water to flow to the drain. When backflow occurs, reversing the direction of flow, water will reach a certain level within the pipe activating a pressure sensor which is monitored at the control box.

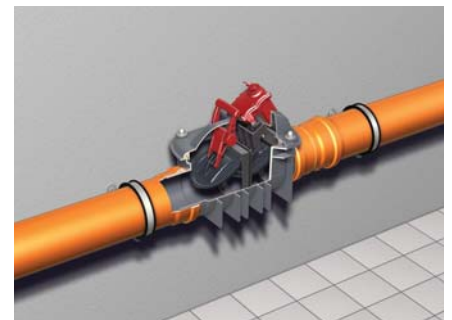
The motorised flap activates and shuts under pressure sounding an audible alarm accompanied by a flashing light. When backflow abates the process is reversed. In the event of a power cut, the control box has a 24 hour power back-up.

Quatrix backflow devices have a 2-position secondary flap for manual operation.

1. Locked open (normal)
2. Locked shut (for emergency use or long periods of non-use)

Key features

- ▶ **Tested to BS EN 13564**
- ▶ **Wall mounted or access chamber installation**
- ▶ **Fits to 110mm and 160mm Ø pipes**
- ▶ **Double flap security with manual override**
- ▶ **All parts removable for cleaning and replacement**
- ▶ **For internal or external applications**





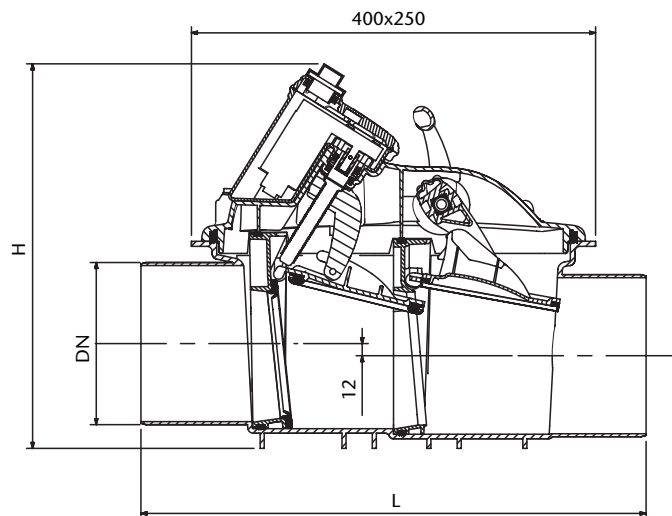
ACO Anti-flood Systems

Technical

ACO QUATRIX®

- ▶ **Automatic backflow valve for use in black water or domestic grey water, IP67 rating**
- ▶ **Power operated flap and manual locking flap**
- ▶ **IP56 rated control box with visual and audible alarm**
- ▶ **Mains supply with 24 hour battery back-up**
- ▶ **Connection Ø, 110mm and 160mm pipes**
- ▶ **Wall mounted or self-build chamber**
- ▶ **500mA passive Building Management System output interface**
- ▶ **Weight: 8kg**

Part No	DN OD (mm)	L mm	H mm
620368	110	460	381
620369	160	500	381



Ordering

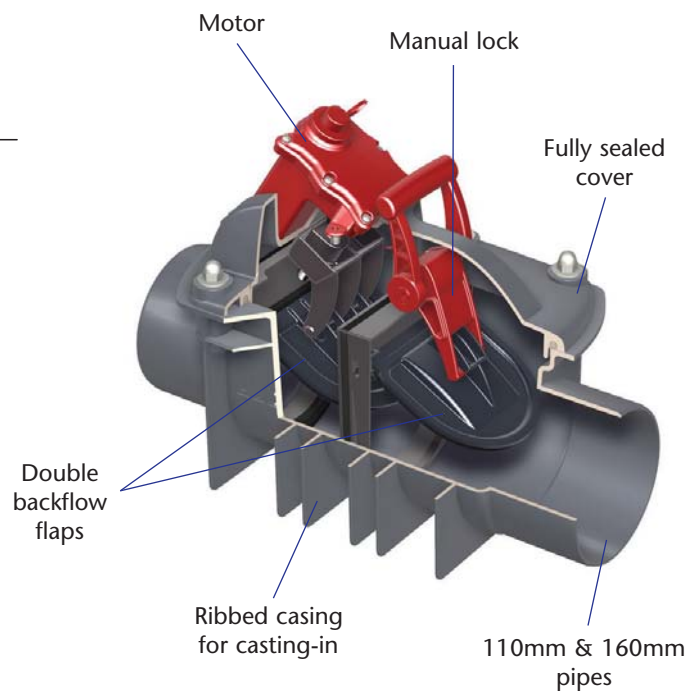
Reference	Ø (mm)	Part No
ACO Quatrix-K automatic	110	620368
ACO Quatrix-K automatic	160	620369

Control box (117mm wide x 180mm high x 75mm deep)



Connections to backflow unit

Mains supply (230V, 0.5A)



ACO Building Drainage

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