

WATER MANAGEMENT

Although water is often a huge cost faced by businesses and organisations, it is sometimes perceived as one of the most difficult areas to tackle. DVS's experienced team can advise on the most suitable product solutions for each environment based on usage patterns and payback periods.



DVS Water Management products offer up to 60% water saving ...

DVS offer numerous water management products to help save you water, money and timely maintenance visits.

OVERFLOW DETECTION SYSTEM



AC07-001 
Overflow detection control system



AC07-004 
Overflow warning light panel

The Overflow Detection (OFD) Control System is designed for companies with large numbers of WCs on site.

The control system can monitor up to 20 cubicles and is usually remotely sited; in the cleaner's cupboard at the end of a toilet block for example.

The digital display on the front of the control box makes it easy to identify which cistern is overflowing.

There is also the facility to have an additional warning light panel outside the cleaner's cupboard which will flash until the problem is rectified. You can also monitor the OFD control system from a BMS system if necessary.

Features include:

- ▶ No more unsightly Visi-Boxes or Tundishes required in the WC cubicles
- ▶ Identifies overflowing WC cisterns immediately
- ▶ Warning panel will continue to flash until rectified
- ▶ Will pay for itself in water saving
- ▶ Easy to install and maintain

Water Saving

The main purpose of the OFD Control System is to save water. The calculations below show how savings are achieved:

1 x WC cistern overflowing at a very nominal 1 litre per minute will use 1440 litres of water every 24 hours, equalling 1.4m³ per day.

1.4m³ per day (if undetected for a month) = 43.4 m³ x water and sewerage cost of £2.00 per m³ (national average) = £86 per month on one unidentified WC cistern overflow.

WATER ISOLATION SYSTEM

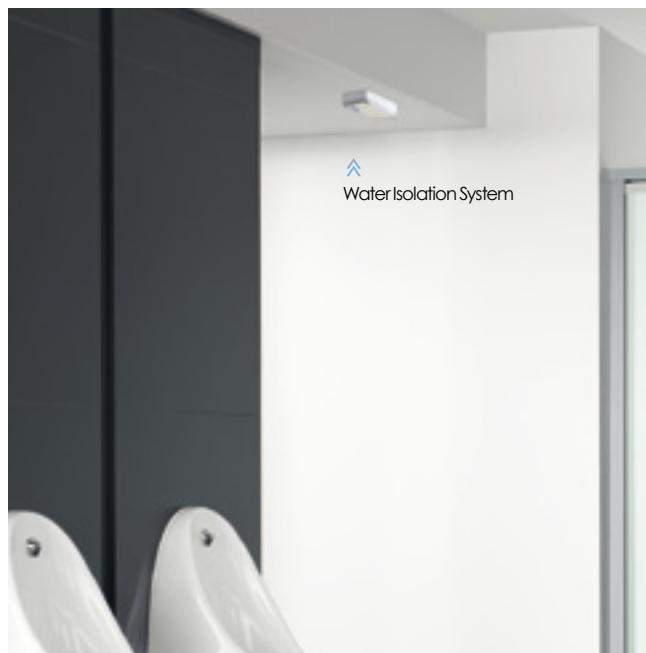


AC04-001 
Water Isolation System

The DVS water isolation system is designed to shut off the water supply to washroom facilities when they are not occupied, preventing water wastage and possible damage from overflows.

The product is available with one or two solenoid valves for hot and cold water isolation and is offered as either battery or mains operated systems.

The water isolation system works by fitting the sensor above the entrance to the washroom facilities. The sensor is capable of detecting movement up to 6m from the control box. If the washroom is empty, the system will shut off the water supply, preventing wastage from leaks and overflows, avoiding flooding and damage to the washroom.




Water Isolation System

Major clients include:

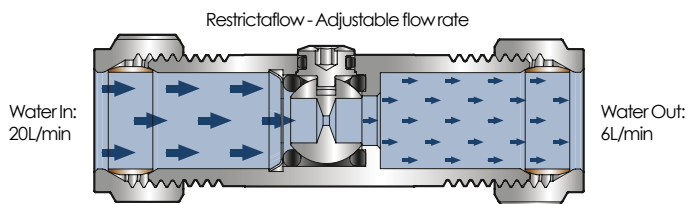
- ▶ BAA Airports
- ▶ Local Authorities
- ▶ Office and Retail
- ▶ Schools, colleges and universities
- ▶ Perth & Kinross Council
- ▶ Carlisle City Council

A quick and easy solution to reduce the speed of water flow, with a very short payback period.

FLOW RESTRICTING VALVE

Restrictaflow offers savings of approximately 40%, and the unit is so inexpensive that you can be confident of recovering the cost in a few weeks.

The flow is adjustable, and the valve can also be isolated. If you are considering fitting standard isolating valves, Restrictaflow delivers the flexibility of an isolation valve alongside considerable water and energy saving benefits.

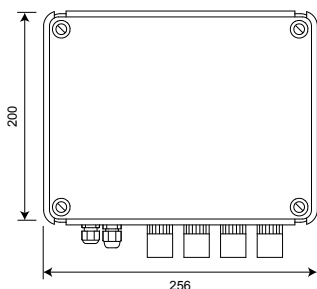


AC17-039 <<
Restrictaflow

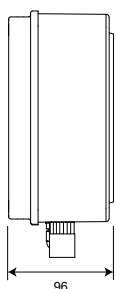
Save water and energy costs... with Restrictaflow!

Dimensions

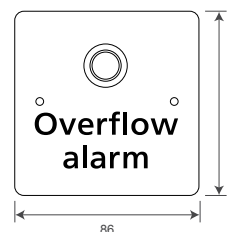
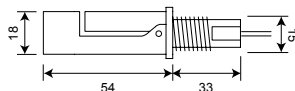
OVERFLOW DETECTION CONTROL SYSTEM



AC07-001 [⤴]
Overflow detection control system
Mains cable length: 1.5m

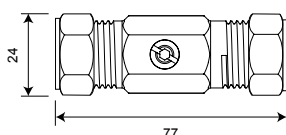


AC07-002 [⤴]
Float switch
Cable length: 500mm
Fixing: M16 (16mmø clearance drill hole)



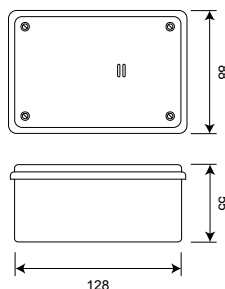
AC07-004 [⤴]
Stainless steel overflow warning light panel

RESTRICTAFLOW



AC17-039 [⤴]
Restrictaflow valve - 15mm

WATER ISOLATION SYSTEM

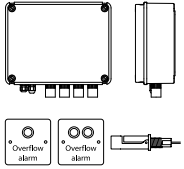
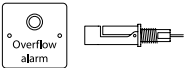


AC04-001 [⤴]
Water isolation system
(Leads not included)

Please note: Illustrations not to scale

WATER MANAGEMENT

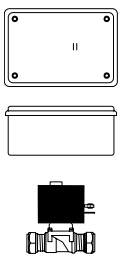
Overflow Detection Control System

Profile (Not to scale)	Code	Description
	AC07-001	Overflow detection control system - Control box only (for up to 20 cubicles)
	AC07-002	Float switch - Individual
	AC07-004	Overflow detection control system - S/Steel overflow warning light panel - Single
	AC07-005	Overflow detection control system - S/Steel overflow warning light panel - Double
	PP00-103	Replacement fuse for overflow detection control system - 20mm Glass (T)50mA △ Notes: 1 float switch is required for each cistern that the control system will be monitoring. 1 control box will monitor upto 20 cubicles.
	AC07-003	Single station overflow detection control system - For a single WC cubicle △ Notes: For monitoring a single WC cubicle and comes complete with light panel, power supply and float switch.

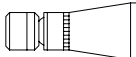

Restrictaflow Valve

Profile (Not to scale)	Code	Description
	AC17-039	Restrictaflow in-line flow restricting valve - 15mm

Water Isolation Kit

Profile (Not to scale)	Code	Description
	AC04-002	Water isolation system kit with 1 x Standard 15mm latching valve - Battery
	AC04-008	Water isolation system kit with 1 x Standard 15mm latching valve - Mains
	AC04-003	Water isolation system kit with 2 x Standard 15mm latching valves - Battery
	AC04-009	Water isolation system kit with 2 x Standard 15mm latching valves - Mains
	AC04-004	Water isolation system kit with 1 x 22mm latching valve - Battery
	AC04-010	Water isolation system kit with 1 x 22mm latching valve - Mains
	AC04-005	Water isolation system kit with 2 x 22mm latching valves - Battery
	AC04-011	Water isolation system kit with 2 x 22mm latching valves - Mains
	UC00-024	Water isolation system fuse - TR5 (T)1.6A △ Notes: Incorporates infrared sensors and shut off isolation solenoid valves. Kits come complete with controls, battery (or PSU) and 1 or 2 solenoid valves. 15mm valves standard.

Showerheads

Profile (Not to scale)	Code	Description
	SH00-018	Standard aqua chrome showerhead
	SH00-020	Showerhead flow reducer insert - Reduces to 8 ltrs/min △ Notes: Low flow energy and water saving showerhead. Chrome plated brass. Provides flow rate of 11 ltrs/min @ 6 BAR. Minimum pressure of 1 BAR recommended