

## No-Touch WC Flushing System

The DVS No-Touch WC Flushing System is an electronically operated drop valve which replaces the traditional syphon and delivers a measured volume of water from the cistern to the lavatory bowl. A simple wave of a hand pass the fitted sensor will activate the electronic flushvalve.

### Reduced Water Consumption

The optimum quantity of water from each flush is pre-set and accurately controlled.

### Easy to Use

No-Touch WC Flushing system is triggered by an electronically modulated infrared sensor which is activated when the user's hand comes within 50mm of the sensor.

### Hygienic

With no handles to touch, the risk of cross infection is eliminated.

### Easy Maintenance

This safe and reliable system contains few moving parts and requires no maintenance.

### Fits Existing and New WC's

Installed in existing and new cisterns using industry standard fittings.



D103/A  
Standard WC  
Flushvalve

### Eliminates Handle Maintenance

With No-Touch Flushing, no more broken handles in public toilets.

### Features

- Up to 30% Savings on Water Costs
- Easy to Use
- Ideal for Disabled or Elderly
- Hygienic
- Easy to Install and Maintain
- Tamper Proof
- Fits Existing and New WC's



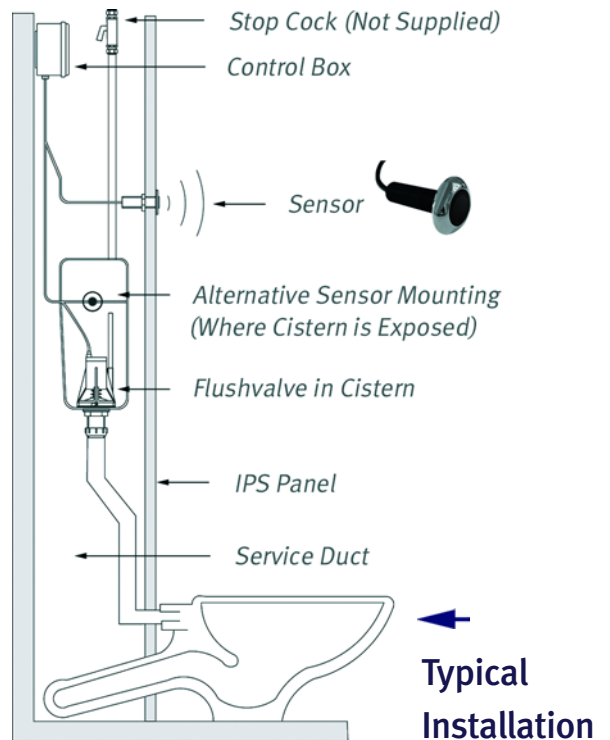
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# No-Touch WC Flushing System

Electronically operated, the Flushvalve delivers a measured volume of water upon activation. The Timer can be adjusted to any setting between 1 and 9 seconds, with each second representing approximately 1 litre of water. The Flushvalve is activated when the user's hand comes within 50mm of the sensor (touch pad sensors can be fitted if required) and a 35 second delay mechanism prevents abuse between flushes by the user.

An electromagnetic solenoid coil is central to the operation of the Flushvalve. Upon activation, an electromagnetic field is created within the upper part of the body. This draws up a metal pin which instantly opens the valve and releases the water full bore through the flush pipe into the WC or urinal. At the end of the timed flushing cycle, the electrical supply is cut off thereby deactivating the solenoid and returning the valve to its closed position.



## Sensors

D102 Sensors showing both 38mm and 50mm Bezel options.

**Please Note:**  
Touch Sensors are also available upon request.



## Back Plates

D105/BP 80mm Solid Brass Chromed Back Plates with 'Wave On' or 'Touch' and optional DVS logo.

D105/A Vertical Back Plate (Normally used on exposed cistern)

Similar design available in horizontal format (Quote D105)



## In-Built Overflow

An extra option is available which provides an 'In-Built Internal Overflow'.



D103/OF  
WC Flushvalve  
With In-Built  
Internal  
Overflow

## Specifications

Dimensions of control box	185mm(h) x 120mm(w) x 75mm(d).
Weight	950gms.
Electrical Supply	12v DC from integral transformer. Connected to 220-240 AC mains.
Valve and Casing	Both are made from high impact ABS and the valve itself has a 6mm neoprene facing for an efficient, watertight fit and has a high resistance to limescale.
Connection	Via 1 1/2" BSP fitting at the base of the body. Also available with 2" fitting at base for European connections.
Infrared Sensor	Activates when user comes within 50mm of sensor. More than one sensor can be fitted to give the facility of dual flushing. Can also be supplied with touch pad sensor if required.
Cable	Low voltage screened cable between operating button and timing control.
Fitting to Existing WC's	Retro-fitting to an existing installation is simple, using standard fittings.
Tamper Resistant	The cistern containing the flushvalve can be remotely located away from the lavatory, reducing the threat of vandalism.
Approvals	WRAS Approved No.0101109; European Patent No. 9391 6080 021303; Infrared sensor made to IP65 in accordance with BS 5420 1977 (IEC 144 1963) and IP645 (International Level).

