



WATER MANAGEMENT, WC FLUSHING & URINAL CONTROLS

Controls & accessories for a range of
commercial & domestic applications

Specialising in water saving technology for commercial washrooms, Dart Valley Systems have been producing leading automatic washroom products for over 30 years.

DVS are a market leader in the field of water saving products, along with automatic washroom solutions for specialist applications, including; mental healthcare, healthcare, custodial, retail, leisure, education, airports, public sector markets and more. DVS products have been used reliably in some of the most demanding environments for many years.



HYGIENIC, ECONOMICAL, RELIABLE...

AND SERVICEABLE



INTRODUCTION

Dart Valley Systems offer a comprehensive range of taps, WC flushing, urinals and water management products. Most of our products are WRAS approved and Water Technology List authorised and cater for a range of applications, which can help customers achieve significant water savings.

The Department of Health acknowledge that design principals to consider for new and existing healthcare buildings include hands-free operation of utilities; including no-touch operation for toilet flushes (HBN 00-09).

DVS have designed the WC flushing system to work with various controls, including the DVS no-touch sensor, which reduces the risk of cross contamination in the washroom. DVS urinal controls ensure a clean and fresh environment whilst offering substantial water savings

DVS branded taps, WC flushing and urinal products are guaranteed for 5 years. The range achieves extremely high levels of reliability, value for money, require little or no maintenance and are easy to install.

Here at DVS we pride ourselves on having the capabilities to design and manufacture bespoke solutions for our customers.

For further details about our full product range, please refer to our website at www.dartvalley.co.uk or contact our sales team on +44(0)1803 529021

SITE REF's

Below is just some of DVS's recent customers:

Heathrow Airport
Gatwick Airport
Stansted Airport
West London MH NHS Trust
Barnet, Enfield & Haringey MH NHS Trust
Birmingham Children's Hospital
Marks & Spencer
Sainsbury's
Tesco Stores, Tesco Bank
McArthur Glen Designer Outlets
Road Chef
Corporation of London
Beardsmore Conference Centre

WC FLUSHING & URINAL CONTROLS

The DVS WC flushvalves and urinal controls range caters for individual or multiple station setups. Designed with reliability and versatility in mind, the range is suitable for various applications.

Featuring variable settings such as flush time, flush delay, auto purge and other additional features across the range, this ensures maximum water efficiency and savings.

To assist in the monitoring of water efficiency, DVS offer the Programmable Sensor and Handheld Programmer which allows real-time data to be recorded and uploaded to a PC via the Programmer's USB interface.

Where security is key, lock-outs or anti-vandal settings (depending on controls installed) are adjustable to suit various applications.

WATER MANAGEMENT

DVS offer numerous water management products to help achieve significant savings on water consumption, running costs and timely maintenance visits.

From advanced overflow detection and water isolation systems to inexpensive flow rate restriction with the Restrictaflow valve, DVS can offer solutions for all types of applications.

Our water management solutions can help achieve typical savings of up to 80%.

WE ALSO OFFER INSTALLATIONS & SERVICING...

An experienced team of regionally based City & Guilds certified service and installation engineers allow us to offer our customers the highest standard of installation, alongside comprehensive after sales service, including commissioning.

For more information on our installation and support services or to request a visit from one of our engineers, please contact:

Servicing
servicing@dartvalley.co.uk
+44 (0)1803 416 147

Tech Support
techsupport@dartvalley.co.uk
+44 (0)1803 416 135

5 YEAR
WARRANTY
ON ALL DVS
BRANDED
PRODUCTS



BREEAM®





Dual flush controls for varying site requirements...



WC FLUSHING SYSTEM

DUAL & MANUAL FLUSHING



WC FLUSHING SYSTEM

A recent survey has shown that the most contaminated part of a washroom is the WC flush handle. By utilising DVS's WC no-touch flushing system, there are no flush handles required. This then significantly reduces the risk of cross-infection in the most contaminated area of the washroom.

The easy to use no-touch WC flushing system is triggered by an electronic infrared sensor which is activated when the user's hand comes within the set sensor range.

With the ability to deliver a measured volume of water from the cistern to the bowl, the WC flushing system can help achieve typical water savings of up to 30%.

WC Flushvalves are fitted in a wide variety of commercial and public buildings, and have proven to be a tried and tested solution, unchallenged in performance and reliability, offering a robust vandal proof solution.

FEATURES

- WRAS approved 4 litre single flush
- Typical 30% savings on water costs
- Hygienic no-touch operation (other options available)
- Adjustable settings for optimum flush, lock-outs, purge facility and more
- Easy to install and no maintenance required



FLUSHVALVE

- Suitable for existing and new cistern using industry standard fittings
- 2" or 1 1/2" standard base options
- Base options for FRANKE systems also available
- In-built overflow pipe
- Reliable and accurate

MANUAL OVERRIDE PLATE

The manual override flush plate incorporates a wave-on sensor and a backup manual override push button- ensuring flushing operation is not disrupted in the event of power failure.

With a slimline and robust Stainless Steel design, this is well suited to a range of applications.



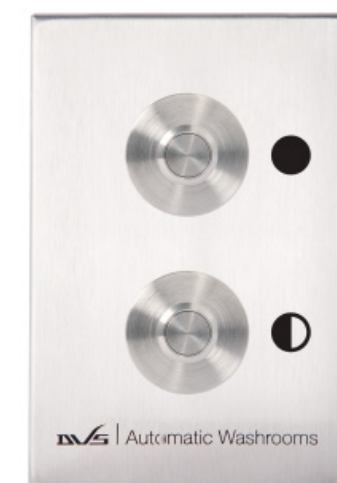
FEATURES

- Brushed 316 Stainless Steel
- No-touch wave-on sensor operation
- Backup manual flush operation in case of power failure
- Easy to install and maintain

DUAL FLUSH PLATE

The dual flush plate offers the option of dual flushing for WCs with two tactile switches with Stainless Steel bezels, one for a half flush and one for a full flush.

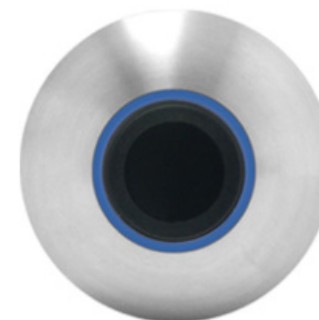
With a slimline and robust Stainless Steel design, this is well suited to a range of applications.



Save on Water...
DVS flushing controls can help achieve significant water savings of up to **30%**

FEATURES

- Brushed 316 Stainless Steel
- Simple tactile switch operation - typical 30% water savings
- Half and full flush indicators
- Easy to install and maintain



Reliable, water saving controls for a range of applications

CONTROL SYSTEMS

PROGRAMMABLE SENSOR

FLUSHVALVE CONTROL SYSTEM

A simple wave of the hand past the DVS sensor activates the electronic flushvalve via the WC Flushvalve Control System, in return delivering the optimum flush.

The control box enables adjustment of flush duration, auto purge facility and lock-out option for high security applications.



WRAS approved for a 4 litre single flush

FEATURES

- WC Flushvalve has WRAS approved 4 litre single flush
- Adjustable for optimum flush time
- Hygienic no-touch sensor or tactile switch operation
- Lock-out function ON/OFF
- Typical 30% savings on water costs
- Compatible with DVS standard non-programmable sensors

BATTERY FLUSHVALVE CONTROL SYSTEM

The DVS Battery WC Flushvalve Control System has a typical battery life allowing up to 10,000 WC flush operations!

The system activates the DVS Flushvalve upon operation of a DVS sensor, accurately delivering the optimum flush, thanks to the easily adjustable time settings.



FEATURES

- Battery back-up option available with additional intelligent charger
- Hygienic no-touch operation- tactile switch option also available
- Adjustable flush time settings (0.5-6.5 secs)
- Other settings include; 24-hour purge, lock-out and more
- Compatible with DVS programmable sensors - including dual flush options

PROGRAMMABLE SENSOR

The DVS Wall Mounted Programmable Sensor and Handheld Programmer allow quick and easy adjustment of settings for auto flush valve and wave flushvalve operations.

A range of settings include; Sensor range, flush times, lock outs, automatic purge facility and more.

Real time data can be uploaded from the Programmer via the integrated USB, to allow accurate monitoring of water efficiency.



FEATURES

- Adjustable settings include; sensor range, flush time, purge, lock outs and more
- USB connection to upload real-time data to PC
- Read function produces data on; total number of operations purges and more
- Dual Flush and Auto modes

STANDARD SENSOR OPTIONS

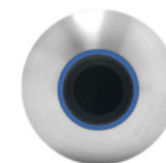
DVS offer standard WC flushing controls, including; wave-on sensors and tactile switches.

Settings are easily adjustable from within the Flushvalve Control System box, to include; flush times and lock-out facility to cater for a range applications.

A range of finishes, materials, bezel sizes, colour indicators and backplates are available.



S/S tactile switch with blue insert



S/S wave-on sensor with blue insert

FEATURES

- Wave-on sensor or tactile operation
- 316 Stainless Steel bezel 50mm
- Reliable performance
- ABS version also available
- Complete with 3m cable



Wave-on sensor with backplate

FEATURES

- Wave-on sensor
- Chrome bezel 38mm
- Chrome backplate 80mm, other options available for dual flush
- Unrivalled reliability
- Complete with 3m cable



Available in a range of sizes and featuring industry standard fittings, DVS cistern kits cater for various applications.

WC CISTERN KITS

STANDARD & TALL CISTERN

Concealed standard and tall plastic cisterns, 6L volume, with secure fitting lids, available as stand alone or complete kits. Easy to install and comes in standard 1½" or 2" versions.

The tall cistern is ideal for where confined space or limited space is available.



KIT

- WRAS approved side entry filling valve
- Optional BREEAM delayed action side entry valve also available
- 1½" or 2" options available
- Kit contents; cistern, inlet valve, flushpipe and fitting for back of pan



CONCEALED CISTERN

Compact concealed plastic cistern with lid, available as stand alone or a complete kit.

Comes in standard 1½" version only. Also available with outlet for urinal flushing systems (1½" to 1").



KIT

- WRAS approved side entry filling valve
- Optional BREEAM delayed action side entry valve also available
- Kit contents; cistern, inlet valve, bracket, flushpipe and fittings for back of pan



URINAL CONTROLS

2 STATION URINAL CONTROL SYSTEM

The Urinal Control System controls flushing for single or double station urinals.

When the DVS sensor detects the user, a pre-flush option can be set to prevent splashing in the bowl, followed by a final flush when the user walks away, ensuring high levels of hygiene are maintained.

The control box enables adjustment of the flush timer, auto pre-flush and purge on/off facility.



FEATURES

- Single or double station flushing
- Adjustable flush timer, pre-flush and purge facility on/off
- Significant water savings - save on average 65%

PROGRAMMABLE SENSOR

The DVS Programmable sensor enables quick and easy adjustment of settings via the compatible Handheld Programmer.



S/S Programmable Sensor

FEATURES

- Adjustable settings; flush time, sensor range, purge, anti-vandal and more
- Upload real time data to PC via USB

STANDARD SENSOR

With accurate and reliable performance, the standard urinal sensor has various adjustable settings via the Urinal Control System box.



Urinal sensor with 50mm S/S bezel



Urinal sensor with 50mm chrome bezel

FEATURES

- 50mm Stainless Steel or Chrome bezel available
- Active I.R. sensor detection
- Complete with 3 metre cable



Low maintenance, reliable
and saves up to 80% on
water costs...



FLUSHMATIC

FLUSHMATIC SURFACE MOUNT

The standard Flushmatic is a wall or ceiling surface mounted urinal control for multiple station urinals.

Using a passive infrared sensor (PIR), this detects movement within the sensing area, switching the unit into a timing mode. After the pre-set time the solenoid valve opens, allowing water to flow into the cistern and activating the flushing cycle.

The fill-time for the cistern can be customised using the switches on the Flushmatic board. There is also a set of dip switches to adjust the time delay after activating the PIR. The system's fast-fill design helps eliminate scale problems associated with slow or drip fed systems.

An automatic janitorial flush every 12 hours is also programmed in to the unit, catering for periods of non-use. Up to 80% savings on water costs can be achieved.

Either mains or battery versions are available to suit varying site requirements.

FEATURES

- Adjustable settings; cistern fill/flush and flush delay time (to prevent misuse and save water)
- Enclosed reset button
- Ceiling or wall mountable
- Available in grey or white ABS
- Available in mains or battery version
- Battery low indicator (optional)



OPTIONS



White ABS Flushmatic with battery-low indicator

Save on Water...

Installing just 3 DVS Urinal Controls can save enough water to fill an Olympic sized pool in just 1 year!

Kit options complete with solenoid valve are also available with the mains or battery operated versions (white and grey).

FLUSHMATIC & PEARL DOWNLIGHTER

FLUSHMATIC & PEARL RANGE

The Flushmatic, Pearl and Pearl Solo Downlighters are suspended ceiling urinal controls for multiple station urinals. The Pearl unit is smaller in diameter.

Using a passive infrared sensor (PIR), this detects movement within the sensing area, switching the unit into a timing mode. After the pre-set time the solenoid valve opens, allowing water to flow into the cistern and activating the flushing cycle.

The fill-time can be customised using the switches on the Downlighter board. There is also a set of dip switches to adjust the time delay after activating the PIR. The system's fast-fill design helps eliminate scale problems associated with standard slow or drip fed systems.

An automatic janitorial flush every 12 hours is also programmed in to the unit, catering for periods of non-use. Up to 80% savings on water costs can be achieved.

Either mains or battery versions are available to suit varying site requirements (Pearl Solo - mains only).

FLUSHMATIC

- Adjustable settings; cistern fill/flush and flush delay time (to prevent misuse and save water)
- Test button
- White ABS housing
- Available in mains or battery version



Pearl



Pearl Solo

PEARL & PEARL SOLO

- Occupancy detection LED
- Smaller compact size
- White ABS housing
- Available in mains or battery version (Solo - mains only)
- Pearl Solo is ideal for single station urinal installations
- Valve closed before battery failure (indicated by LED flashing green)



Flushmatic Downlighter



SAVE UP TO 60% ON WATER
USAGE WITH OUR WATER
MANAGEMENT PRODUCTS

URINAL SLEEVES & TIMED URINAL CONTROL

ELECTRONIC WATER MANAGEMENT

URINAL SLEEVES

The DVS Urinal Sleeve helps to prevent urinal odours. After the initial Urinal Sleeve outlet is installed, the replacement sleeve simply drops in to place.

Sitting just above water level, the sleeve's lower body lines the waste outlet and trap. This feature prevents leaking and staining from waste connections, and is recommended to be replaced every 3 months to ensure the lining is kept clean.

Housed within the sleeve's head is a cleaner deodoriser block, which reduces bio-film build up, odour and scale in the outlet whilst helping to prevent blockages.

The teardrop cut outs on the head allow urine to pass on to the active ingredient which then circulates the deodoriser down the sleeve and in to the trap, helping to prevent odours.



Urinal sleeve
Bio kit



Urinal sleeve
Bio refill

Use the DVS Urinal
Sleeves in conjunction
with the Timed Urinal
Control System for the
most effective solution...

FEATURES

- Helps prevent unwanted odours
- Reduces bio-film build up
- Easy to install and simple refill exchange
- Bio or Chemi urinal kits and refills available

TIMED URINAL CONTROL SYSTEM

For more demanding high traffic environments, periodic flushing of the urinals with clean water may be required.

The DVS Timed Urinal Control System is the ideal solution, which ensures reliable consistently timed urinal flushing, helping to keep surfaces clean as well as reactivating the cleaner deodoriser block inside the urinal sleeve.

This is a programmable control system that can be customised to achieve the optimum number of flushes.

Both mains and battery operated versions are available. Kit comes complete with solenoid valve.



FEATURES

- Periodic urinal flushing (customisable timing)
- Helps maintain hygiene and reduce odours
- Mains or battery version available
- Kit includes control system & solenoid valve
- Maintains clean and blockage-free pipework

OVERFLOW DETECTION SYSTEM

The Overflow Detection System is designed specifically for companies with large numbers of WC's on site.

Capable of monitoring up to 20 cubicles, the unit is usually sited remotely in the cleaner's cupboard at the end of a toilet block for example, ensuring a discreet and tamper free system.

Staff can easily monitor the cisterns individually via the digital screen which indicates if a cistern is overflowing.

A second indicator can be installed remotely away from the control box allowing for a quicker detection time, the indicator will continue to flash until the overflow fault is rectified.



FEATURES

- Immediately identifies overflowing cisterns - up to 20 cubicles
- Easy to install and maintain
- Works in conjunction with the DVS overflow warning light plate
- Achieve significant water savings - quick payback



Optional remote
overflow warning
indicator

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.

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

The water isolation system works by fitting the sensor above the entrance of a washroom facility. The sensor has a detection range of up to 6m. If the washroom is empty, the system will shut off the water supply, preventing wastage from leaks and overflows, therefore avoiding the possibility of deliberate flood damage, saving on water consumption.



Kit option with 2 solenoid valves
(15mm or 22mm valves available)

FEATURES

- Automatically shuts off water supply during non-use
- Available in battery or mains operated versions
- Achieve significant water savings
- Kit options available
- Remote sensor option available - dual sensor



NON-ELECTRONIC WATER MANAGEMENT

RESTRICTAFLOW

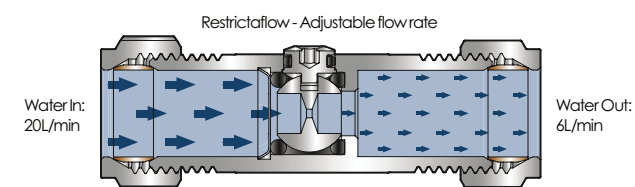
Restrictaflow offers savings of approximately 40%, the unit is so inexpensive that you can be confident in recovering the cost in a few weeks.

The flow rates are adjustable, they can also be used as isolating valves saving even more money. If the valves become blocked they can easily be cleared by rotating 360 degrees.

Quick and easy to install, the Restrictaflow uses a standard 15mm connection suitable for urinal, shower and tap systems.

FEATURES

- Chrome plated brass
- Fully adjustable flow rate
- Quick payback period



IN-LINE FLOW RESTRICTORS

The DVS range of in-line flow restrictors, reduce water usage and save money.

Suitable for showers and taps, these easy to install devices come in a range of flow rate options from 3 to 8 LPM.

FEATURES

- Easy installation
- Available in 3, 3.5, 4, 5, 6 & 8 LPM
- Pressure compensating
- Quick payback period



Inline shower head flow reducer (various flow rates available)



Tap standard flow straightener (various flow rates available)

BREEAM VALVE

The BREEAM compliant and WRAS approved eco-fill side entry filling valve is an easy to install water saving product.

It also benefits from an adjustable height and anti-siphon design.

FEATURES

- Delayed action fill - save up to 1 litre per flush
- Includes removable pressure / flow rate restrictors
- Quick payback period



SUSTAINABLE

A flexible, expandable and thus future-proof system that can be integrated into the computer aided facility management system.



ECONOMICAL

The efficient and demand-optimised use of resources (water, energy, time) makes the sanitary system a profitable investment.



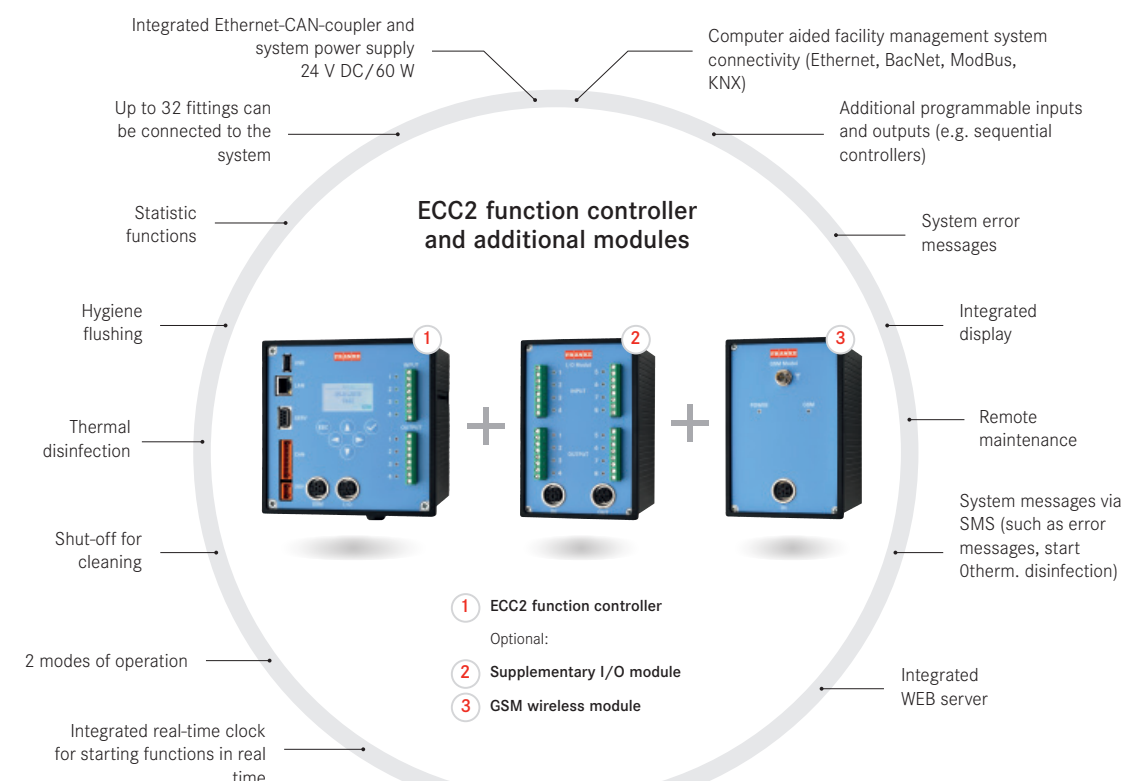
HYGIENIC

Regular hygiene flushing and thermal disinfection programs guarantee high quality drinking water.

AQUA 3000 OPEN WATER MANAGEMENT SYSTEM

The AQUA 3000 open water management system presents installers and operators with an easily installed, reliable, functional, hygienic and economical system which is even easier to integrate into host networks.

A sophisticated, complete water management system that facilitates economical operation of all connected components. The system can be individually programmed and expanded as required.





DVS NO-TOUCH TAPS

FOR FULL DETAILS PLEASE VISIT DARTVALLEY.CO.UK
TO DOWNLOAD THE LATEST DVS TAPS BROCHURE



FRANKE PUSH TAPS



FRANKE

AQUARIUS™ & CLASSIC TAPS

Combining the benefits of hygienic no-touch technology with great water saving potential and robust reliable performance, no-touch taps are suitable for a wide range of applications, including; healthcare, food preparation areas, supermarkets, universities, airports, motorway services and more.

All DVS No-touch taps are easy to install and feature intelligent electronics, enabling a range of adjustable settings. Mains or battery operated versions available.

FEATURES

- Hygienic no-touch operation
- Settings include; Run-time, sensor range, anti-vandal, lockout mode, automatic purge and more
- Robust 316 Stainless Steel or Chrome plated Brass
- Ergonomic, easy clean surfaces and easy to service
- Range of finishes and water connection options



A32 & A45

- Shorter A45 Doc.M version also available
- Available in no-electronic version



WM STRAIGHT

- Available in 3 lengths; 150mm, 200mm and 250mm
- Also available in no-electronic version



HIGH NECK & HIGH NECK SV

- Short Version (pictured) is suitable for recessed sinks
- High Neck suitable for raised sinks also available
- Also available in no-electronic version



CLASSIC & CLASSIC SWAN

- Chrome plated brass



TALL PILLAR & SHORT PILLAR

- Chrome plated brass
- The Tall Pillar is suitable for raised sinks and glass bowls
- Short pillar is suitable for recessed sinks



AQUA & PURELINE SERIES TAPS

Fittings for wash basins are becoming ever more sophisticated when it comes to water saving, ease of installation and operation. The use of robust materials, reliable technology and surface finishes makes the AQUA and PURELINE ranges suitable for public, commercial or industrial premises.

The range of self-closing valves provides a choice of designs with or without temperature mixing. The water flows when the tap is depressed after a defined period the tap automatically closes.

Taps must fit to their applications. Robustness, reliability and a hygienic material surface are key for commercial premises.

Good aesthetic design needs to be combined with reliable technology, to meet the high demands placed on modern sanitary fittings - making these taps suitable for a wide range of stylish applications.

FEATURES_

- Polished chrome plated brass
- Deck and wall mounted options available
- Minimal easy clean designs
- For connection to cold water or pre-mixed warm water supply
- Suitable for various applications

AQUAMIX

- Sturdy all metal construction
- Adjustable flow time
- Water saving self-close



AQUALINE

- Sturdy all metal construction
- Adjustable flow time
- Anti-blocking system (ABS)



PURELINE & AQUAFIT

- Polished chrome plated brass
- Deck and wall mounted options
- Mixing cartridge and ceramic discs - AQUAFIT only



Available in a range of materials, sizes, and finishes...



Programmable sensors are compatible with a range of DVS spouts



HANDHELD PROGRAMMER

PROGRAMMABLE SENSOR

The DVS handheld programmer has been developed to program the complete range of DVS washroom controls, constantly being upgraded to add more options and features.

The programmer is bi-directional meaning it can also read a sensor, allowing your service team or installer to view the settings before changing.

When reading a sensor it will also supply information such as how many operations, how many purges, run time and serial number etc.

To program a sensor or tap is simple, just point and press.

The programmer allows more flexibility for DVS products, for example, when setting a WC sensor you have the option of wave-on or fully automatic operation with dual flush all from the one sensor, in the past this required three different sensors.

FEATURES

- Adjustable settings include; sensor range, flush time, purge, lock outs and more
- USB connection to upload real-time data to PC
- Read function produces data on; total number of operations, number of purges and more
- Dual Flush and Auto modes
- Compatible with a range of DVS taps & programmable sensors



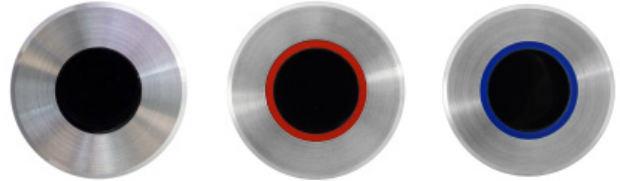
PROGRAMMABLE SENSOR

Settings can be quickly and easily adjusted using the Handheld Programmer, including; run-on time, range, purge and more.

The sensor can be used as demonstrated in the picture above (fully auto mode), alternatively, it can be positioned to the side for wave-on / wave-off operation.

Available in a range of materials, finishes and sizes, to include 316 Stainless Steel and ABS, these sensors feature a robust and easy to clean design.

STAINLESS STEEL



- Brushed 316 Stainless 50mm bezels
- Available in standard or with red or blue indication inserts

ABS



- Chrome ABS 40mm bezels
- Available with either red or blue indication inserts

With the handheld programmer and programmable sensors you can program the following DVS products:

- Taps
- Urinals
- Showers
- Baths
- WC's

Programmable Functions:

- Run Time
- Sensor Range
- Wave on only or Wave on and off
- Purge (on or off)
- Purge Run Time
- Lock Outs (on or off)
- Lock Out Operations.

For further information on the handheld programmer, simply contact us:

www.dartvalley.co.uk
or alternatively, contact us:
+44(0)1803 529021
sales@dartvalley.co.uk



All DVS products commissioned or installed by our engineers benefit from our 5 year on-site warranty.

WATER MANAGEMENT SERVICES...

WATER MANAGEMENT SERVICES

DVS have a fully trained and approved service and installation team based nationally around the UK. All DVS engineers are City & Guilds certified and fully up to date with Health and Safety requirements.

DVS are also accredited to CHAS, Safe Contractor, DBS and more. DVS products installed or commissioned by our own engineers benefit from a five year on site warranty.

DVS also offer a service option for most products, when using the service option, the warranty in most cases will be extended.



WATER EFFICIENCY AUDITS

We provide comprehensive water efficiency audits through our expert team of nationwide engineers. We will identify and measure exactly how much your site is consuming on a daily, weekly and annual basis and present a detailed report which incorporates consumption data into m3 volumes and the related monetary costs, while highlighting various recommendations to install water saving devices which will reduce your water consumption and subsequent high water costs. Payback period is often immediate allowing reinvestment into additional schemes to reduce waste and make better use of our most precious resource. Carrying our water efficiency audits will highlight areas that require attention and will ultimately reduce your water consumption and save money.

For more information regarding these audits please contact our sales team for more details.



LEAK DETECTION & REPAIR

Leak Detection and Leak Repair – We have very experienced water leak detection technicians with the right equipment to solve your problems. We will detect leakage on all sizes and types of water piping using both traditional and modern techniques including a specialist gas service which will pinpoint the precise position of any leak. Once the leak has been successfully found we offer a leakage repair service or diversion/replacements where this is more appropriate.



AUTO METER READS & REMOTE DATA LOGGING

Automatic Meter Reads/Remote Data Logging - is the technology of automatically collecting consumption, diagnostic, and status data from a water meter and transferring that data to a central database for billing, troubleshooting, and analysing. This technology mainly saves utility providers the expense of periodic trips to each physical location to read a meter. Another advantage is that billing can be based on near real-time consumption rather than on estimates based on past or predicted consumption. This timely information coupled with analysis can help both utility providers and customer's better control and monitor water consumption.



WATER SUB-METERING

The main revenue water meter is used by the water company to determine and bill overall site water consumption, sub metering utilises individual sub meters that allow building and facility managers to monitor water use for water management or to quantify consumption for tariff of process purposes creating opportunities for water and capital expenditure savings.

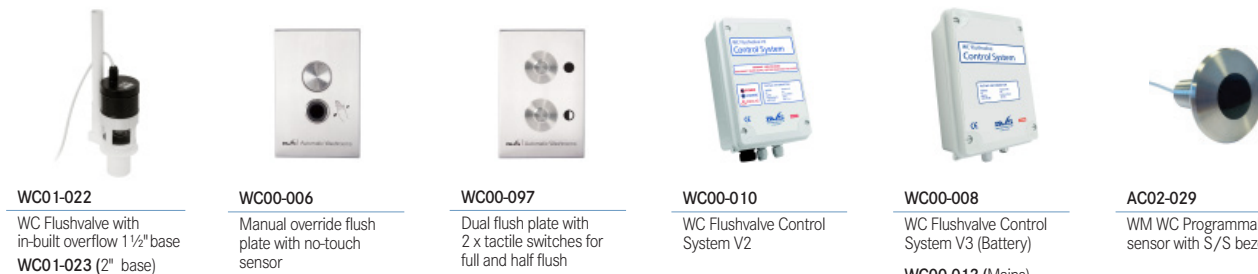


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PAGE 4 DUAL & MANUAL FLUSHING

PAGE 5 CONTROL SYSTEMS

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WC01-022
WC Flushvalve with in-built overflow 1 1/2" base
WC01-023 (2" base)

WC00-006
Manual override flush plate with no-touch sensor

WC00-097
Dual flush plate with 2 x tactile switches for full and half flush

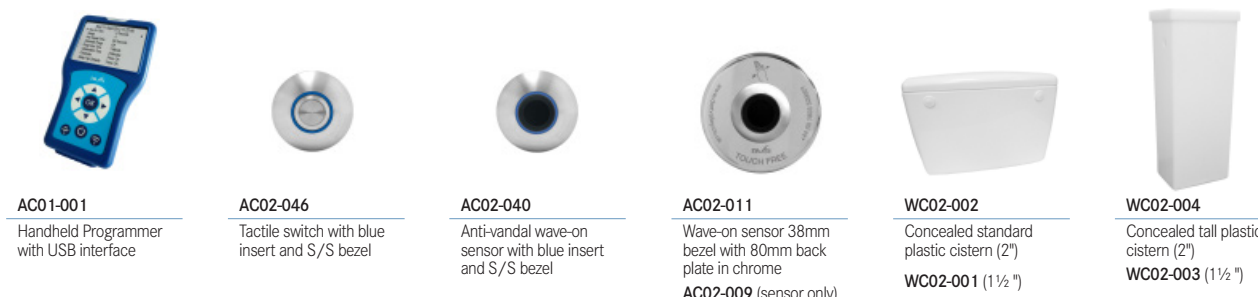
WC00-010
WC Flushvalve Control System V2

WC00-008
WC Flushvalve Control System V3 (Battery)
WC00-012 (Mains)

AC02-029
WM WC Programmable sensor with S/S bezel

...CONTINUED

PAGE 7 WC CISTERN KITS



AC01-001
Handheld Programmer with USB interface

AC02-046
Tactile switch with blue insert and S/S bezel

AC02-040
Anti-vandal wave-on sensor with blue insert and S/S bezel

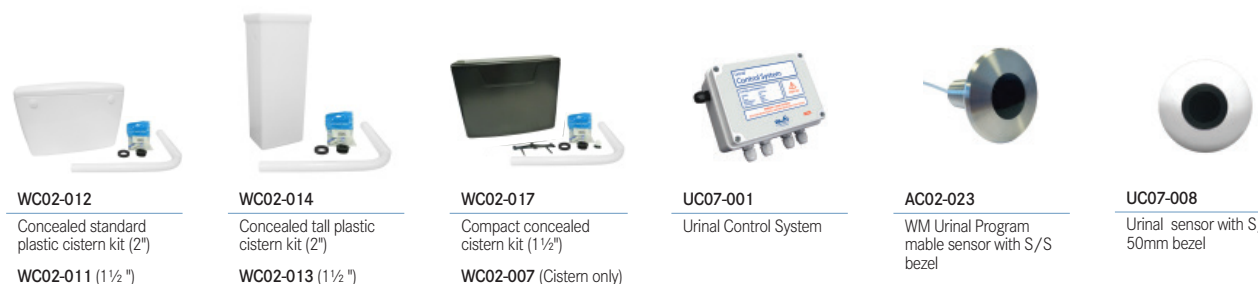
AC02-011
Wave-on sensor 38mm bezel with 80mm back plate in chrome
AC02-009 (sensor only)

WC02-002
Concealed standard plastic cistern (2")
WC02-001 (1 1/2")

WC02-004
Concealed tall plastic cistern (2")
WC02-003 (1 1/2")

...CONTINUED

PAGE 8 URINAL CONTROLS



WC02-012
Concealed standard plastic cistern kit (2")
WC02-011 (1 1/2")

WC02-014
Concealed tall plastic cistern kit (2")
WC02-013 (1 1/2")

WC02-017
Compact concealed cistern kit (1 1/2")
WC02-007 (Cistern only)

UC07-001
Urinal Control System

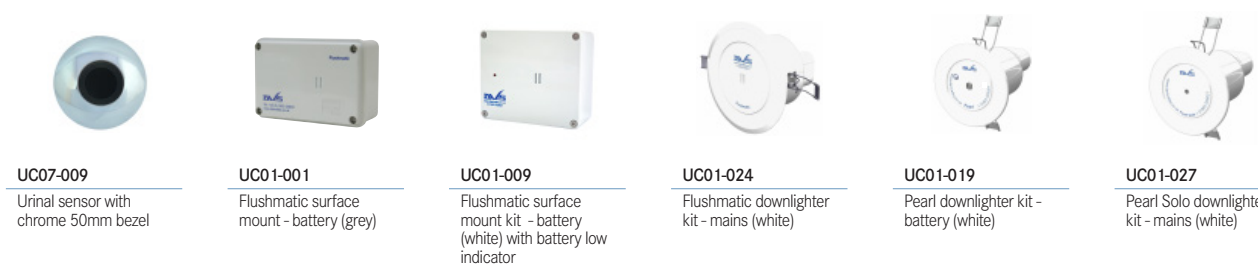
AC02-023
WM Urinal Programmable sensor with S/S bezel

UC07-008
Urinal sensor with S/S 50mm bezel

...CONTINUED

PAGE 9 FLUSHMATIC SURFACE MOUNT

PAGE 10 FLUSHMATIC DOWNLIGHTER



UC07-009
Urinal sensor with chrome 50mm bezel

UC01-001
Flushmatic surface mount - battery (grey)

UC01-009
Flushmatic surface mount kit - battery (white) with battery low indicator

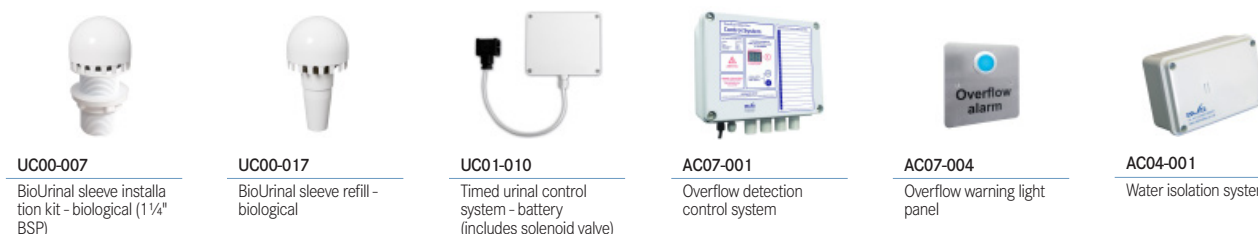
UC01-024
Flushmatic downlighter kit - mains (white)

UC01-019
Pearl downlighter kit - battery (white)

UC01-027
Pearl Solo downlighter kit - mains (white)

PAGE 11 URINAL SLEEVES & TIMED URINAL CONTROL

PAGE 12 WATER MANAGEMENT



UC00-007
BioUrinal sleeve installation kit - biological (1 1/4" BSP)

UC00-017
BioUrinal sleeve refill - biological

UC01-010
Timed urinal control system - battery (includes solenoid valve)

AC07-001
Overflow detection control system

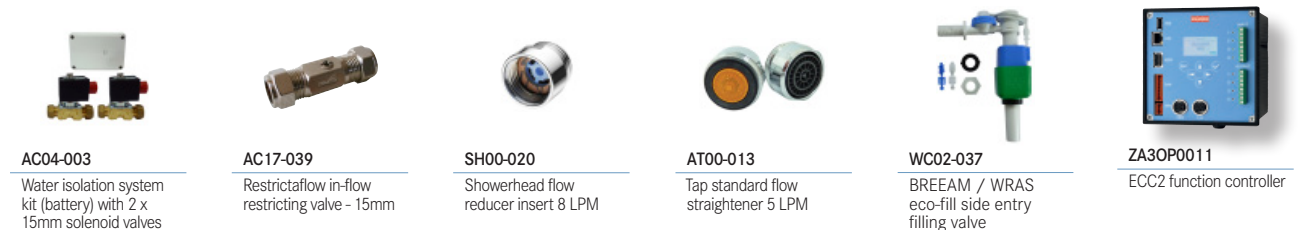
AC07-004
Overflow warning light panel

AC04-001
Water isolation system

...CONTINUED

PAGE 13 NON-ELECTRONIC WATER MANAGEMENT

PAGE 14...



AC04-003
Water isolation system kit (battery) with 2 x 15mm solenoid valves

AC17-039
Restrictaflow in-flow restricting valve - 15mm

SH00-020
Showerhead flow reducer insert 8 LPM

AT00-013
Tap standard flow straightener 5 LPM

WC02-037
BREEAM / WRAS eco-fill side entry filling valve

ZA3OP0011
ECC2 function controller

...A3000 WATER MANAGEMENT SYSTEM

PAGE 15 DVS NO-TOUCH TAPS...



ZA3OP0012
Expansion module I/O

ZA3OP0013
GSM wireless module

AT03-003
Aquarius A32 tap spout in polished Stainless Steel with PEX hose

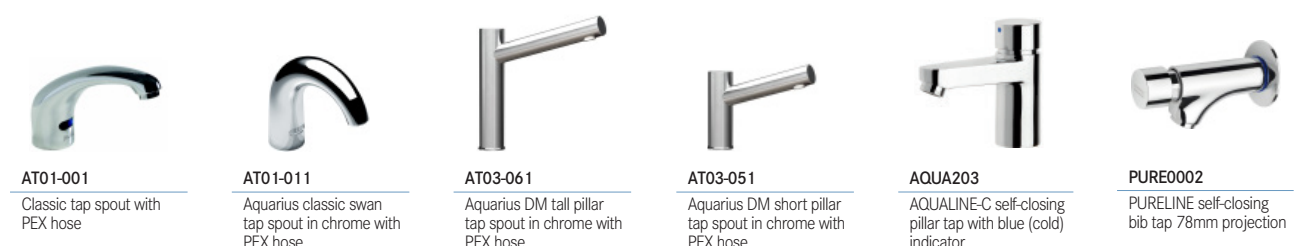
AT03-013
Aquarius A45 tap spout in polished Stainless Steel with PEX hose

AT02-011
Aquarius WM 200mm tap spout in Stainless Steel with PEX hose

AT03-031
Aquarius high neck SV tap spout in Stainless Steel with PEX hose

...CONTINUED

PAGE 16 FRANKE PUSH TAPS



AT01-001
Classic tap spout with PEX hose

AT01-011
Aquarius classic swan tap spout in chrome with PEX hose

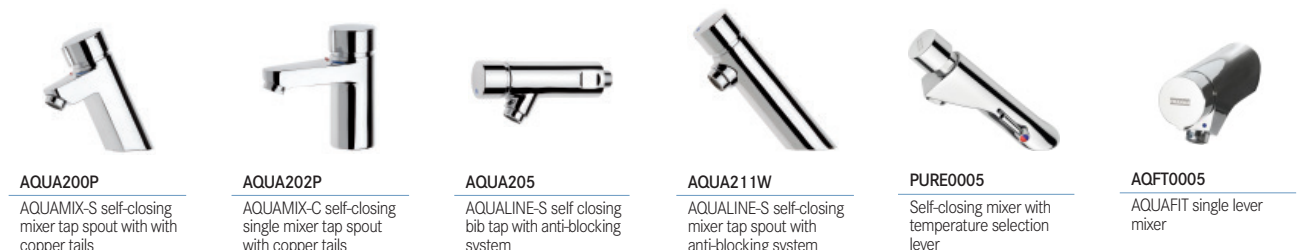
AT03-061
Aquarius DM tall pillar tap spout in chrome with PEX hose

AT03-051
Aquarius DM short pillar tap spout in chrome with PEX hose

AQUA203
AQUALINE-C self-closing pillar tap with blue (cold) indicator

PURE0002
PURELINE self-closing bib tap 78mm projection

CONTINUED...



AQUA200P
AQUAMIX-S self-closing mixer tap spout with copper tails

AQUA202P
AQUAMIX-C self-closing single mixer tap spout with copper tails

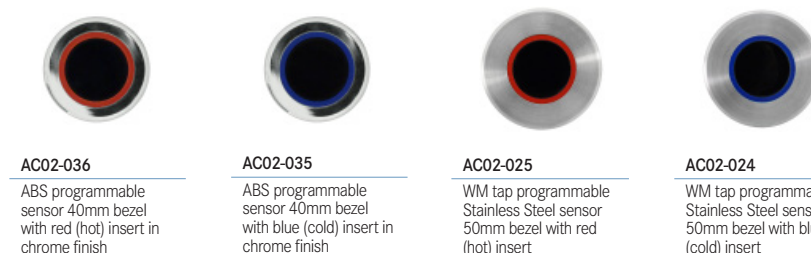
AQUA205
AQUALINE-S self-closing mixer tap with anti-blocking system

AQUA211W
AQUALINE-S self-closing mixer tap spout with anti-blocking system

PURE0005
Self-closing mixer with temperature selection lever

AQFT0005
AQUAFIT single lever mixer

PAGE 17 & 18 HANDHELD PROGRAMMER (OTHER SENSORS)



AC02-036
ABS programmable sensor 40mm bezel with red (hot) insert in chrome finish

AC02-035
ABS programmable sensor 40mm bezel with blue (cold) insert in chrome finish

AC02-025
WM tap programmable Stainless Steel sensor 50mm bezel with red (hot) insert

AC02-024
WM tap programmable Stainless Steel sensor 50mm bezel with blue (cold) insert



For project support and bespoke product information including; tech spec sheets, instruction manuals, BIM models, brochures and more, please visit our website at:

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