



SAFE ENSUITES

Washroom products for Specialist Hospitals, Clinics, Care homes and custodial applications.

DVS are a market leader and have been specialising in the field of high secure washroom products for specialist applications, including mental healthcare environments for over 30 years.

Designed for the toughest environments and manufactured using advanced technologies, DVS safe-ensuite sanitaryware is robust yet designed to look domestic, making it ideal for therapeutic environments, such as Mental Healthcare Institutes.



HYGIENIC, ROBUST, RELIABLE...

AND SERVICEABLE

INTRODUCTION

Dart Valley Systems offer a comprehensive range of high security sanitaryware which were designed and developed specially for high secure applications.

The design and construction is unique and unrivalled in the sanitaryware market. The products have a gloss finish similar to porcelain, giving an attractive domestic look. This range has been designed to remove anti-ligature points where possible.

The techniques employed to construct the complete range of DVS sanitaryware, are used very successfully in the field of ballistic armour manufacturing, this results in unrivalled impact resistance.

As well as the high secure resin range, DVS also offer complete washroom water controls, including; showerheads and spouts with the option of wave-on sensors or tactile operation. Dart Valley Systems washroom control system will control a complete ensuite (WC, Basin & Shower), however if required we can offer individual controls all fitted with lock-outs to eliminate the user to continue running the water.

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 2016 mental healthcare customers:

- Rampton Hospital (Nottinghamshire Healthcare NHS Foundation Trust)
- Cygnat Healthcare
- Hillside Secure Centre Neath
- Mersey Care NHS Foundation Trust
- Avon and Wiltshire Mental Health Partnership NHS Trust
- The Huntercombe Group
- St Andrew's Healthcare
- Norfolk & Suffolk Healthcare Trust
- West Hertfordshire MH NHS Trust
- Rotherham Doncaster & South Humber MH NHS Foundation Trust
- West London MH NHS Trust
- Partnerships in Care (PiC)
- Soss Moss Medium Secure Unit
- Kingsley Green Mental Health Unit

SAFETY

The DVS high security sanitaryware range has been designed and tested to be vandal proof and avoid ligature points.

The sanitaryware has been tested to Home Office Regulations for anti-vandal, reduced-ligature and fire resistance. The back to wall WC pans, also have been tested in accordance with the BMA (Bathroom Manufacturers Association).

INSTALLATION & 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 our dedicated service team on +44 (0)1803 529021 or email servicing@dartvalley.co.uk or techsupport@dartvalley.co.uk

WE ALSO OFFER INSTALLATIONS & SERVICING...

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

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





HIGH SECURITY WC PANS

WC PAN WITH SIDE INFILLS

WC PAN

The DVS high security range of WC pans have been designed and tested to be vandal-proof and avoid ligature points wherever possible.

The techniques employed to construct these pans are used very successfully in the field of ballistic armour manufacturing, this results in unrivalled impact resistance.

A high-grade non-porous polyester gel coat surface in all white comes as standard, and also available with coloured gel coat rim to assist partially sighted users. The gel coat has been specially formulated to resist chemicals and ultraviolet rays.

Models available_

- Back to wall - standard
- Back to wall - disabled (60mm higher)
- Optional spacer box for use with Back to wall disabled pan
- Left and/or right infills for use with back to wall pans
- Wall hung

Optional colours available_

DVS have 3 standard RAL colour options (see below), however, we can apply other RAL colours upon request- at an additional cost. Available on the standard back-to-wall and wall-hung pans.



RAL 5011 RAL 3020 RAL 7045



FEATURES_

- GRP impact resistant construction
- WRAS approved 4 litre single flush
- Polyester gel coat finish
- Anti-vandal
- Anti-shatter moulded resin
- Virtually indestructible
- High impact resistance
- Attractive domestic look
- Rear concealed waste outlet
- Large trap to avoid blockages
- Warm to the touch surface eliminates 'icy shock'
- Tested to Home Office Regulations for anti-vandal, reduced ligature and fire resistant
- Secure wall mounted fixings supplied as standard - 250mm
- Tested in accordance with the BMA
- Light to lift, compared to standard ceramic sanitaryware
- Programmable, wave-on or tactile controls (available separately)





HIGH SECURITY INTEGRATED BASINS

HIGH SECURITY INTEGRATED BASIN RANGE

The DVS safe en-suite range has been designed for the toughest environments and manufactured using advanced technologies.

This range is robust, vandal resistant and avoids ligature points where possible.

Additional properties include high resistance to cyclical stresses and dual stage failure mode, providing excellent impact resistance and will not be subject to catastrophic failure. The surface is a high grade polyester gel coat.

The design is aesthetically pleasing and can be used in conjunction with our latest range of floor and wall mounted WC pans- providing the ideal safe en-suite package solution for use in many sectors.

FEATURES_

- Polyester gel coat finish
- GRP impact resistant construction
- Concealed back outlet waste
- 316 Stainless Steel ligature resistant waste grid
- Integrated water outlet
- Moulded integral corner soap shelves
- Programmable, wave-on or tactile controls (available separately)



HIGH SECURITY BASIN & BACKPLATES

HIGH SECURITY BASIN & BACKPLATE RANGE

The DVS safe en-suite range also includes a selection of different height backplates and the option of the basin only.

Also featuring the same robust, vandal resistant and ligature resistant features as the integrated basin range, DVS backplates are to be used in conjunction with the high-security basin.

Available in low, standard and with a moulded shelf, all backplates feature integrated water spouts, easy to clean high grade gel coat finish and of course featuring excellent impact resistance.

The design is aesthetically pleasing and can be used in conjunction with our latest range of floor and wall mounted WC pans- providing the ideal safe en-suite package solution for use in many sectors.

FEATURES_

- Polyester gel coat finish
- GRP impact resistant construction
- Backplates available in 3 different height options
- Concealed back outlet waste
- Integrated water outlet
- Moulded corner soap shelves
- Programmable, wave-on or tactile controls (available separately)





MIRRORS & SOAP DISH

BATH FILLING



HIGH SECURITY ACCESSORIES

DVS also offer high security accessories for the most demanding of environments, using the latest impact resistant materials and ligature resistant design.

MIRROR RANGE

The mirror only option and mirror with integrated shelf option both include a virtually indestructible plastic mirror insert, with impact resistant one-piece moulded frame, making these highly suited for custodial, healthcare and mental healthcare applications.

FEATURES_

- Ligature resistant design
- Impact resistant GRP moulded frame
- Poly-carbonate mirror insert:
 - mirror without shelf - 240mm (w) x 340mm (h)
 - mirror with shelf - 250mm (w) x 350mm (h)
- Hygienic, easy to clean gel coat finish
- Easy and secure method of fixing

SOAP DISH FEATURES_

- Moulded soap dish for easy cleaning
- Easy and secure method of fixing

HIGH SECURITY BATH FILLING

DVS provide High Security solutions for all mental healthcare and custodial applications, including the new High Security bath filling backplate Stainless Steel bath filling spout and bath filling plates.

The High Security bath filling backplate uses the same robust, anti-vandal construction as the rest of the Safe Ensuite sanitaryware range. The design incorporates a modern aesthetic, easy to clean gel coat finish and integrated Stainless Steel spouts.

The 316 Stainless Steel bath spout provides a minimal and hygienic easy to clean design, whilst the standard 3/4" BSP brass tail allows straight forward removal and exchange of the spout during maintenance.

BATH FILLING BACKPLATE_

- Ligature resistant impact resistant construction
- Polyester gel coat finish
- 316 Stainless Steel integrated spouts
- Compatible with a range of DVS sensors

BATH SPOUT_

- High security ligature resistant design
- 316 Stainless Steel body
- Brass 3/4" BSP threaded tail
- Bath spout compatible with or without electronic controls
- Disposable non-return / flow regulator valve also available to improve efficiency



High security bath filling backplate



316 Stainless Steel bath spout



Bath filling plate warm/cold

Bath filling plate half/full fill



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.



Concealed standard cistern



Concealed tall cistern

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



Standard & tall cistern kit



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").



Compact concealed cistern



Compact concealed cistern kit

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



ACCESSORIES

LIGATURE RESISTANT HOOK, SHOWER SHELF & TOILET ROLL HOLDER

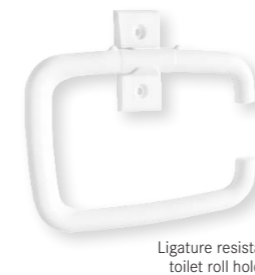
Designed specifically for high security environments, this range features smooth edges, robust hygienic materials and have been tested by SP Technical Research Institute of Sweden.



Ligature resistant hooks



Ligature resistant accessory holder



Ligature resistant toilet roll holder

- Releases vertical load at a maximum of 20kg
- No sharp corners
- Hygienic and chemical resistant
- Tested by SP Technical Research Institute of Sweden
- Hook available in 3 different colours

LIGATURE RESISTANT PULL HANDLES & VENTILATION GRILLE

Features in this range include; integrated ribs to resist ligature on all pull handles to the easy to maintain ventilation grille which is also available in a range of colours.



S/S brushed

Blue powder coated

450mm & 600mm powder coated

- Pull handles available in 450mm and 600mm lengths
- 6 x pre-drilled backplates for secure fixing
- Available in brushed Stainless Steel and powder coated options



Steel powder ventilation grille

- Powder coated steel ventilation grill
- White as standard - also available in all RAL colours
- Easy to clean and maintain
- Tamper proof security screws



**DVS SHOWER HEADS ARE ROBUST,
STYLISH AND OFFER AN AVERAGE
50% WATER SAVING...**



SHOWERS STAINLESS STEEL

DVS SHOWERS

A wide range of sensors, control systems, shower heads and showers combine to create water efficient showering for a wide range of environments, from anti-ligature products to robust showers designed for heavy traffic areas.

Average savings of up to 50% can be achieved using DVS showers.

Major client sectors include NHS Estates, HMP Estates, Education and Local Authorities.

SHOWER TOWERS

DVS shower towers have a choice of either programmable / wave-on sensor, tactile switch or push button (self-closing) operation, offering energy efficiency and water saving benefits.

Electronic operation controls are supplied with pre-set settings but can be customised quickly and easily.

The towers are supplied pre-plumbed with valves safely housed within the tower casing.

FEATURES_

- Designed for high security applications
- Robust 1.5mm Stainless Steel construction
- Wave-on, tactile or push button operation
- Easy installation
- Available sloped top or ceiling height with or without TMV
- One piece Anti-Microbial ABS shower outlet (4 different flow rates available)

Also available
in white powder
coated finish ^^



Ceiling height
shower tower



Stainless Steel is
100% recyclable

CONTROL OPTIONS >

Controls to suit all
applications, available
on both shower towers



Sloped top
shower tower



Programmable
sensor (featured)



Tactile sensor



Self-closing
push button

DUAL OUTLET TOWER SHOWER

Featuring a dual outlet, this means that assisted and unassisted showering can be achieved, making it well suited to high security healthcare applications. Switching between outlets is quick and easy due to the inbuilt automatic diverter valve.

Assisted mode

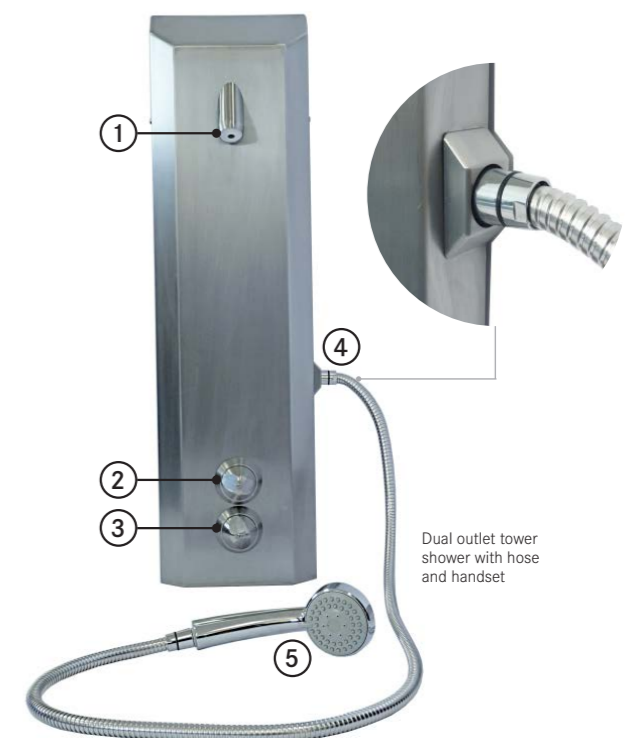
Attach the 2m hose and handset to the side outlet, inbuilt diverter valve will switch over automatically.

Unassisted mode

Utilising the fixed anti-ligature shower head only attached to the top of panel.

FEATURES_

- Designed for high-security healthcare applications
- Tamper proof
- Ligature resistant controls
- High impact resistance
- Robust 1.5mm (front) and 2mm (back) 316 Stainless-Steel Construction
- Detachable hose and handset
- Auto switch over when hose and handset are attached
- Easy to install
- Pre-plumbed rigid copper pipework
- Powder coated white version also available



KEY

- 1 Anti-ligature S/S shower head
- 2 ON/OFF and flow control
- 3 Temperature control
- 4 Dual/secondary outlet
- 5 Detachable head and hose

Dual outlet tower
shower with hose
and handset

To view the full DVS
showers range visit:
www.dartvalley.co.uk

ROBUST, HYGIENIC & EASY TO CLEAN SPOUTS BY DVS...

WM & DM SPOUTS

TAP SPOUTS (NO ELECTRONICS)

DVS offer a range of wall and deck mounted options, suitable for various applications including high security.

The DVS range of deck and wall mount spouts can be controlled via the standard tap control box, using infra-red or tactile sensors or the fully programmable sensor, offering either option allows customisable settings.

Simply contact the DVS technical sales team to discuss your specific application, to ensure that you obtain the optimum control solution.



HIGH SECURITY WM 30° & 45° SPOUT_

- 316 Stainless Steel (brushed finish)
- Ligature resistant design
- Standard 5LPM outlet (other options available)
- Easy to clean shape

HIGH SECURITY DM SPOUTS_

- 316 Stainless Steel
- Brushed and polished finishes
- Ligature resistant design
- Removable outlet (requires DVS removal key)
- Brass BSP tails (tap and bath spouts only)
- Suitable for various applications
- Anti-vandal design



OUTLET REMOVAL KEY_

- 316 Stainless Steel (brushed)
- Easy removal of outlet for efficient servicing of spouts



Anti-microbial ABS body
& one piece outlet with
Biomaster silver ion
technology...

SHOWERHEADS

SHOWER HEADS

DVS offer various high security solutions that are robust, attractive and easy to install. Both wall and ceiling mounted options are available, and all feature the One-piece anti-microbial ABS outlet using Biomaster silver ion technology.

Models can be used in conjunction with the Shower Control System. The below showerheads are intended for installations where everything except the showerhead and sensor are concealed behind a wall or panel.

316 STAINLESS STEEL_



FEATURES_

- 316 Stainless Steel body
- One piece Anti-Microbial ABS outlet (4 different flow rates available)
- Water efficient
- Tamper proof security screw
- Suitable for high security applications

ANTI-MICROBIAL ABS_

These shower heads are made from injection moulded Anti-Microbial ABS using Biomaster silver ion technology.

Biomaster ensures effective antibacterial protection for the effective lifetime of the product, helping to keep surfaces clean and hygienic reducing the threat of cross-contamination.

The One-piece anti-microbial ABS outlet can be removed for regular servicing and replacement.

Strong, durable and ligature resistant, these heads are suitable for various applications including high security environments

FEATURES_

- Injection moulded anti-microbial ABS body
- One-piece anti-microbial ABS outlet (4 different flow rates available)
- Tamper proof security screw
- Suitable for high security applications
- Available in chrome or brushed satin finish





Efficiently control WC's, basins, taps & showers...



WASHROOM CONTROL SYSTEM

WASHROOM CONTROL SYSTEM

The Washroom Control System is capable of running a single ensuite within mental health units, prisons and police cells.

CAPABLE OF MANAGING:

- DVS WC flushvalve
- Single ensuite
- Shower control
- Hot and cold tap control (ideal for controlling the DVS high security backplate with in-built water spouts)
- All of the above controls have the built in option of 'Lock-Out', to limit the number of operations in each period of adjustable run times

FEATURES_

- Multi-function unit from one control
- Variable functions allowing custom setups to suit individual requirements
- Optional reset or lock-out feature from a key switch control
- Lock-outs (selectable)
- Optional output signal for computer interfacing
- Covers a variety of uses (reduces installation and unit costs)
- Purge facility



Washroom Control System



S/S key switch plate

KEY SWITCH

- Works in conjunction with the Washroom Control System
- Reset or lock-out water supply

MULTI-CHANNEL WASHROOM CONTROL

MULTI-CHANNEL WASHROOM CONTROL

The control box has been designed to meet the requirements for safe ensuite applications and the modern day washroom. It has a variety of functions that allow easy operation of WC, basin, bath and shower. We have also designed the control box to allow for simple installation with an easy access removable wiring platform, a fully hinged front cover allows full access to the sensor and valve plugs.

CAPABLE OF MANAGING:

Two full ensuites with shower or bath or
2 x WC flushvalves along with a combination of ten outlets that can control a variety of products each outlet can be individually programmed to operate a specific product including basin, shower, bath and urinal, timings can also be set individually along with hygiene purge if required, optional lock outs are another feature.

FEATURES_

- 2 x WC outlets
- 10 x fully programmable outlets
- Variable functions allowing custom setup to suit individual requirements
- Optional & adjustable purge facility
- Optional variable lock out functions
- Optional remote lock out via key switch or BMS
- Each outlet individually programmed via the DVS Handheld programmer
- Individual sensors can be programmed without opening the control box
- Can also be used to manage a bank of taps, showers, baths or urinal controls



Multi-channel Washroom Control box



PROGRAMMER

- Works in conjunction with Multi-channel Washroom Control and other systems
- Adjustable settings, read and upload real-time data
- See pages 19 & 20 for full spec



CONTROLS

TAP CONTROL SYSTEM

The Tap Control System can be used to control mixed water for 1 or 2 taps, or to control both hot and cold on a single tap using 2 sensors. The control system can be used with the DVS wave-on or tactile sensors (see right).

The system also features an in-built purge control option, which helps to avoid water stagnation.

When the user passes their hand past the sensor or pushes the tactile switch (depending on which is installed), the Control System activates the solenoid valve, which runs for a pre-set time before automatically closing and stopping the tap.

Various settings can be customised quickly and easily from within the control box if necessary.

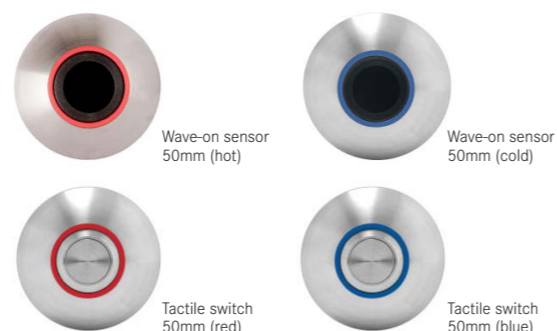


FEATURES_

- Control up to 2 tap stations
- Adjustable run time
- High performance and reliability
- Built-in purge control option to avoid stagnation
- Standard mains power (battery version also available)

SENSORS

Wave-on sensors or tactile switches with hot or cold indication inserts are available for controlling showers and taps, either as part of DVS control systems and for use with shower towers.



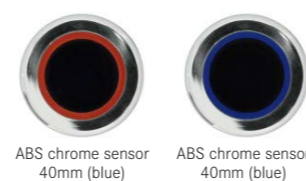
FEATURES_

- Wave-on sensor or tactile operation
- 316 Stainless Steel bezel
- High performance and reliability
- Ligature resistant design

ABS SENSOR

The DVS chrome plated ABS sensor, features a 40mm bezel and comes in either programmable or standard electronic version.

- Robust ABS in chrome finish
- High performance and reliability
- Programmable or standard electronic versions available



PROGRAMMABLE SENSOR

All DVS products can be controlled by the Wall Mounted Programmable Sensor and Handheld Programmer, these products allow quick and easy adjustment of settings, including: run-on time, range, purge and more. Real time data can be uploaded from the Programmer via the integrated USB port, to allow accurate monitoring of water efficiency.



FEATURES_

- Adjustable run time
- Adjustable range for different length spouts
- Anti-vandal mode on / off and adjustable time
- Automatic and time adjustable purge
- Chlorination mode
- User detection or wave-on / wave-off function
- USB connection to upload real-time data to PC
- Tap read function produces data on; total run time and total number of operations and purges

SHOWER CONTROL SYSTEM

The Shower Control System can be used for 1 or 2 shower heads. It will effectively give any standard showerhead automatic wave-on control. The shower control system also features a built-in purge control option to avoid water stagnation.

When the user passes their hand past the sensor or pushes the tactile switch (depending on which is installed), the Control System activates the solenoid valve, which runs for a pre-set time before automatically closing and stopping the tap.

Various settings can be customised quickly and easily from within the control box if necessary.



FEATURES_

- High performance and reliability
- Control up to 2 shower stations
- Adjustable run time and built-in purge control
- Standard mains power (battery version also available)

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



HANDHELD PROGRAMMER

SENSOR OPTIONS

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
- Fully protective enclosed carry case with USB charging lead included



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:

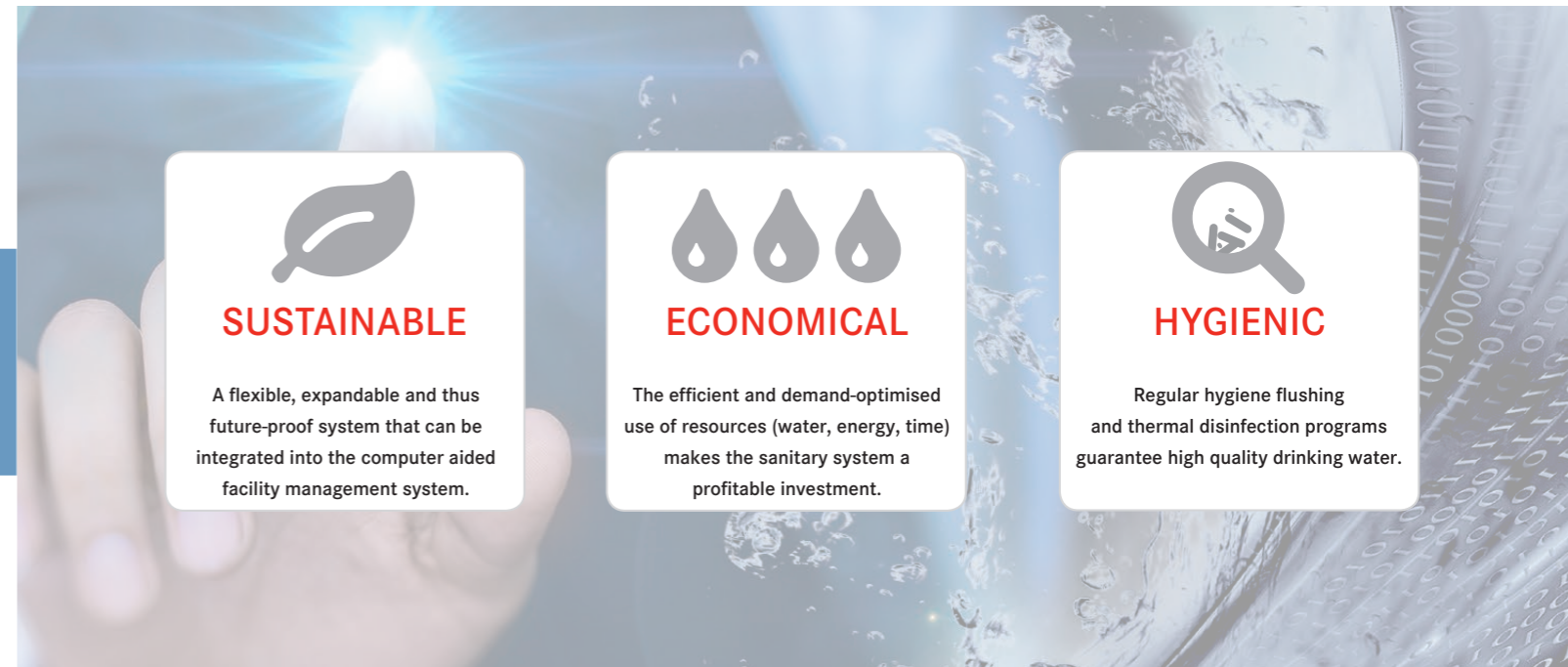
- Run Time
- Sensor Range
- Wave on only or Wave on and off
- Purge (on or off)
- Purge Run Time
- Lock Outs (on or off)
- Lock Out Operations.

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



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



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.

ELECTRONIC WATER MANAGEMENT

AQUA 3000 OPEN WATER MANAGEMENT SYSTEM

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.



Overflow detection control system



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.



Water isolation system



Kit option includes 15mm solenoid valve

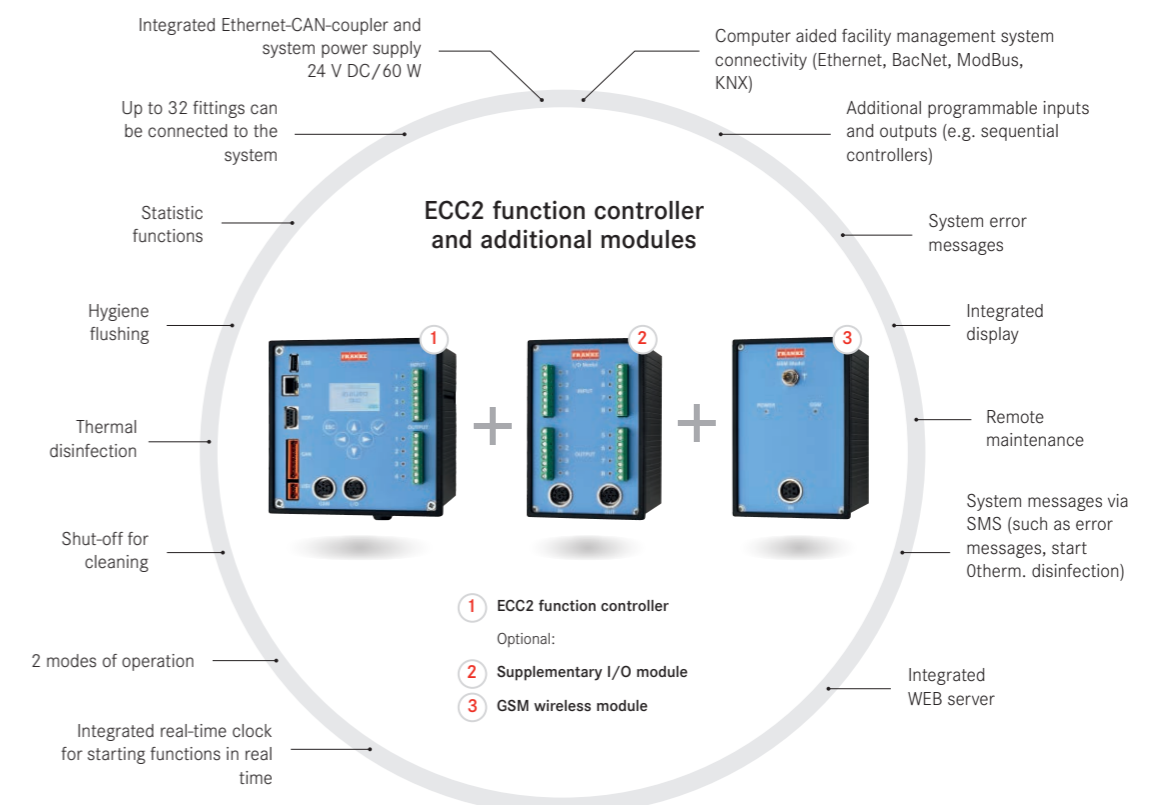
FEATURES

- 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

- 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

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.



CONTROL HOT WATER
SAFELY & EASILY...



BLENDING VALVE

TEMPERATURE BLENDING VALVE ADJUSTER

In many public facilities supplying water at 41° is ideal. If however the requirement is to provide 41° with user adjustment between this temperature and cold (determined by the cold input temperature), then the temperature blending valve adjuster can be added to accommodate this facility.

The blender adjuster is designed to be robust, easy to use and combine good aesthetics, therefore making this suitable for a range of applications.

There are 3 standard fixings available to suit a range of wall thicknesses from 1.5mm to 280mm. Special length fixings can be provided where required.

FEATURES_

- Chrome plated brass
- Ligature resistant design
- Robust construction
- Easy to install
- Standard 3/4" BSP
- Available for different wall thicknesses:
 - 1.5mm-22mm
 - 22mm-180mm
 - 180mm-280mm



Temperature blending
valve adjuster chrome

PLEASE NOTE:

It is strongly recommended that a thermostatic mixing valve is fitted prior to the blending valve, so that the hot water temperature can be safely controlled.

FRANKE: STAINLESS STEEL

S/S COMBINATION UNITS

The combination units feature an integrated WC and washbasin with a range of water controls and cisterns. These units have been installed in over 100 locations worldwide in secure washrooms, prisons, police stations and custody areas.

The units are made of 2.0 mm (304) Stainless Steel and prevent the user from concealing drugs, dismantling or tampering the unit and have several anti-ligature features. The WC is approved to EN-997 for 6 litre flushing performance.

FEATURES_

- All welded construction
- 2mm 304 Stainless Steel
- Satin polished finish
- EN 997 approved 6 litre flush
- Self closing manual push buttons
- Grated waste outlet fitted to washbowl
- Washbasin and WC pipework provided
- Available in left, centre or right handed WC options
- Centrally positioned toilet roll holder

S/S combination unit
(left)



Stainless Steel is 100% recyclable

PRODUCT LIST

PAGE 3 & 4 HIGH SECURITY WC PANS



VR01-010
WC BTW pan standard
VR01-011 (WC BTW pan disabled - 60mm higher)
VR01-012 (spacer box for WC BTW pan disabled)



VR01-035
WC BTW pan disabled (60mm higher) blue seat
VR01-034 (WC BTW pan standard - blue seat)



VR01-017
Wall-hung WC pan
VR01-036 (Wall-hung WC pan - blue seat)



VR01-080
Integrated basin dual spout - high sided



VR01-030
Integrated basin dual spout
VR01-039 (single spout)



VR01-001/VR01-004
Basin & tall backplate with moulded shelf
VR01-001/VR01-002
Basin & standard backplate
VR01-001/VR01-003
Basin & low backplate

...CONTINUED

PAGE 7 MIRRORS & SOAP DISH



VR01-001
Basin only



VR01-037
HS mirror with shelf
VR01-025 (HS mirror)



VR01-026
HS corner soap dish



VR01-024
HS bath filling backplate



SH07-043
HS WM bath spout 45° 113mm long



SH07-055
Warm/cold bath filling plate
SH07-054 (half/full fill bath filling plate)

PAGE 9 WC CISTERN KITS



WC02-002
Concealed standard plastic cistern only (2")
WC02-001 (1½")



WC02-004
Concealed tall plastic cistern only (2")
WC02-003 (1½")



WC02-012
Concealed standard plastic cistern kit (2")
WC02-011 (1½" kit)



WC02-014
Concealed tall plastic cistern kit (2")
WC02-013 (1½" kit)



WC02-017
Compact concealed cistern kit (1½")
WC02-007 (Cistern only)



VR01-054
Ligature resistant coat hook - available in white, red & black (state above code followed by colour)

...CONTINUED PAGE 10 ACCESSORIES



VR01-067
Ligature resistant accessory holder



VR01-055
Ligature resistant toilet roll holder



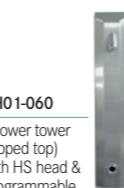
VR01-069
Ligature resistant pull handle - 600mm
VR01-068 (450mm)



VR01-059
Ligature resistant steel ventilation grille 150mm x 150mm (available in a range of sizes up to 500mm x 500mm) see DVS website for full options



SH01-061
Shower tower (ceiling height) with HS head & programmable sensor



SH01-060
Shower tower (sloped top) with HS head & programmable sensor

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PAGE 13 WM & DM SPOUTS



SH01-013
Dual outlet shower tower with head and hose kit



AT07-041
High security tap spout 30° 98mm long S/S brushed



AT07-040
High security tap spout 45° 113mm long S/S brushed



AT07-054
Deck mounted basin nozzle S/S brushed



AT07-059
Deck mounted bath spout S/S brushed



AT07-056
Deck mounted basin spout S/S brushed

PRODUCT LIST

...CONTINUED

PAGE 14 SHOWERHEADS



AT07-092
Angled deck mounted basin spout S/S brushed



AT07-125
Outlet removal key S/S



SH07-042
Ceiling mounted high security shower head



SH07-040
30° high security shower head S/S brushed



SH07-090
WM High security ABS dome showerhead in brushed satin finish
SH07-085 (chrome finish)



SH07-086
WM High security ABS sloped showerhead in chrome finish
SH07-091 (brushed satin finish)

PAGE 15 & 16 WASHROOM CONTROL SYSTEM



VR07-002
Washroom Control System



AC04-016
Key switch control panel



VR07-020
Multi-Channel Washroom Control



AT07-001
Tap Control System



AC02-041
Anti-vandal wave-on sensor (red insert) 50mm bezel
AC02-040 (blue insert)



AC02-047
Anti-vandal tactile switch (red insert) 50mm bezel
AC02-046 (blue insert)

...CONTINUED

PAGE 19 & 20 HANDHELD PROGRAMMER



AC02-035
ABS sensor 40mm bezel (blue) in chrome finish
AC02-036 (red insert)



SH07-001
Shower Control System



AC01-001
Handheld programmer with USB interface



AC02-017
Programmable tap sensor S/S 50mm bezel



AC02-025
Programmable tap sensor S/S 50mm bezel with red insert



AC02-024
Programmable tap sensor S/S 50mm bezel with blue insert

PAGE 21 ELECTRONIC WATER MANAGEMENT



AC07-001
Overflow detection control system



AC07-004
Overflow warning light panel



AC04-001
Water isolation system - battery
AC04-002 (kit with 15mm solenoid valve)

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PAGE 23

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ZA30P0011
ECC2 function controller
ZA30P0012 (Supplementary I/O module)
ZA30P0013 (GSM wireless module)



SH00-011
Temperature blending valve adjuster (chrome)



HDTX816L
FRANKE Stainless Steel combination unit (LH)
HDTX816M (centre)
HDTX816R (RH)



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

www.dartvalley.co.uk

or alternatively, contact us:

+44(0)1803 529021

sales@dartvalley.co.uk

For the full product range, please refer to the 'DVS & FRANKE Product List' available to download from our website.



Dart Valley Systems Ltd
Kemnings Close
Long Road
Paignton
Devon
TQ4 7TW
United Kingdom

t +44 (0)1803 529021
f +44 (0)1803 559016
e sales@dartvalley.co.uk
w www.dartvalley.co.uk

Follow us on Twitter @DartValleyDVS

