



Clean. Efficient. Reliable.

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



SAFE ENSUITE SOLUTIONS

Washroom products for Specialist Hospitals,
Clinics, Care Homes and Custodial applications.

DVS
Dart Valley Systems
a FRANKE company

SAFE ENSUITE SOLUTIONS

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



DVS products are all produced to the highest standard and manufactured in the UK



DVS branded taps, WC flushing and urinal products are guaranteed for 5 years



DVS controls ensure a clean and fresh environment whilst offering substantial water savings



DVS have designed the WC flushing system to work with various controls, including the DVS no-touch sensor



DVS can design and manufacture bespoke solutions



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ACCREDITATIONS



HIGH SECURITY WC PANS

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.



Virtually indestructible, anti-shatter, GRP impact resistant construction



Programmable, wave-on or tactile controls (available separately)



Tested to Home Office Regulations for reduced ligature



Fire resistant, polyester gel coat finish



Attractive domestic look with warm to touch surface



Secure wall mounted fixings supplied as standard - vpa 250mm



HIGH SECURITY WC PAN OPTIONS

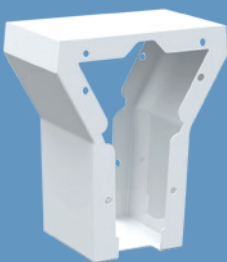
HIGH SECURITY WC PANS



Standard back-to-wall wc pan
(height 420mm)
VR01-010



Disabled back-to-wall wc pan
(height 480mm)
VR01-035



Disabled WC pan spacer box
VR01-012

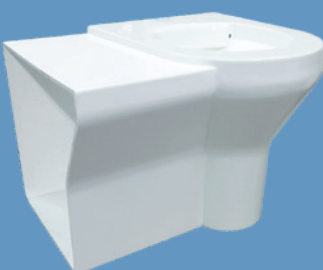


Wall hung WC pan
VR01-017

WC PANS WITH SIDE INFILLS



Standard height WC pan
with RH infill
VR01-014



Standard height WC pan
with LH infill
VR01-013



Standard height WC pan
with double infill
VR01-046

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 COLOUR

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

HIGH SECURITY INTEGRATED BASINS

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)

INTEGRATED BASINS



High security high sided
integrated basin
VR01-080



High security v2 basin
with integrated backplate
VR01-030



High security single
spout integrated basin
VR01-039



SAFE ENSUITE LOW PROFILE BASIN

FEATURES_

- Concealed rear waste outlet
- Wave-on or tactile control options available
- Facilities to lock-out water operations
- Stainless steel anti-ligature waste grid
- Compatible with DVS programmable sensor & DVS range of Ligature Resistant spouts
- Can be manufactured in different configurations;
- No tap holes / Single left / Single right / Two tap holes



Safe ensuite
low profile basin - NTH
VR01-081

LOW PROFILE BASINS



Safe ensuite
low profile basin - 1TH L
VR01-082



Safe ensuite
low profile basin - 2TH
VR01-084



Safe ensuite
low profile basin - 1TH R
VR01-083

SAFE ENSUITE BACKPLATE

FEATURES_

- Polyester gel coat finish
- GRP impact resistant construction
- Integrated water outlet
- Moulded integral shelf
- Programmable, wave-on or tactile controls (available separately)
- Available in 1 or 2 tap hole versions
- Compatible with Safe Ensuite Low Profile Basin



Safe ensuite backplate
VR01-107

IN WALL BASIN

The DVS In Wall Basin, has been designed for the toughest environments and to be vandal-proof and avoid ligature points wherever possible

This provides excellent impact resistance and will not be subject to catastrophic failure. A high grade non-porous polyester gel coat surface in all white, which has been specially formulated to resist chemicals and ultraviolet rays.

The design is aesthetically pleasing, and can be used in conjunction with our latest range of safe en-suite products. This provides an ideal solution for use in the custodial and public sectors.

FEATURES_

- GRP impact resistant construction
- Polyester gel coat finish
- Anti-vandal
- Anti-shatter moulded resin
- Attractive domestic look
- Rear concealed waste outlet
- Secure 4x M10 all-thread studding 300mm length
- Light handling compared to ceramic sanitaryware
- Stainless steel ligature resistant waste grid

OTHER OPTIONS

- Hygienic no-touch operation via any DVS sensor including Wave-On and programmable.
- Hot & Cold then Hot with soap.



In wall basin
VR01-085

ANTI-LIGATURE WASTE GRID

FEATURES_

- Anti-Ligature
- Anti-Vandal
- Under 2mm Drain holes
- Rear entry / Fixing point



Anti-ligature waste grid
VR01-032

MIRRORS & SOAP DISH

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

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.

MIRROR 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



STAINLESS STEEL SHOWER TOWERS

SHOWER TOWERS

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 316 Stainless Steel construction
- Wave-on, tactile or push button operation
- Available sloped top or ceiling height with or without TMV

Also available in white powdercoat finish

SHOWER CONTROL OPTIONS



WAVE-ON SENSOR
50MM (HOT)
CEILING - SH01-009
STANDARD - SH01-002



PROGRAMMABLE SENSOR
50MM (HOT)
CEILING - SH01-062
STANDARD - SH01-060



TACTILE SWITCH
50MM (HOT)
CEILING - SH01-010
STANDARD - SH01-003



PUSH BUTTON
CEILING - SH01-008
STANDARD - SH01-001



ACCESSORIES

LIGATURE RESISTANT HOOK & 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.

FEATURES_

- 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 hooks
VR01-054



Ligature resistant
accessory holder
VR01-067



Ligature resistant
toilet roll holder
VR01-055

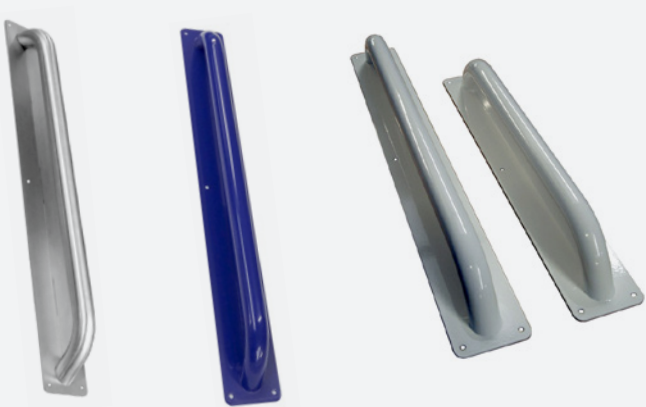
LIGATURE RESISTANT PULL HANDLES

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.

FEATURES_

- 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

For further info please contact our sales team



VENTILATION GRILLE

FEATURES_

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

Other options available



Steel ventilation grill
VR01-059

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 sanitary-ware 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 FEATURES_

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

FEATURES_

- 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

BATH FILLING



High security bath filling backplate
VR01-024



316 Stainless steel bath spout
SH07-043



Bath filling plate warm/cold
SH07-055



Bath filling plate half/full fill
SH07-054

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.

- 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 standard cistern
WC02-002



Concealed tall cistern
WC02-004



Standard & tall cistern kit
WC02-011 / WC02-013

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”).

- WRAS approved side entry filling valve
- Optional BREEAM delayed action side entry valve also available

Kit contents; cistern, inlet valve, flushpipe and fitting for back of pan



Compact concealed cistern
WC02-017



Compact concealed cistern kit
WC02-007

DUAL OUTLET SHOWER

DUAL OUTLET 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 bottom quick release outlet, the inbuilt diverter valve will switch over automatically.

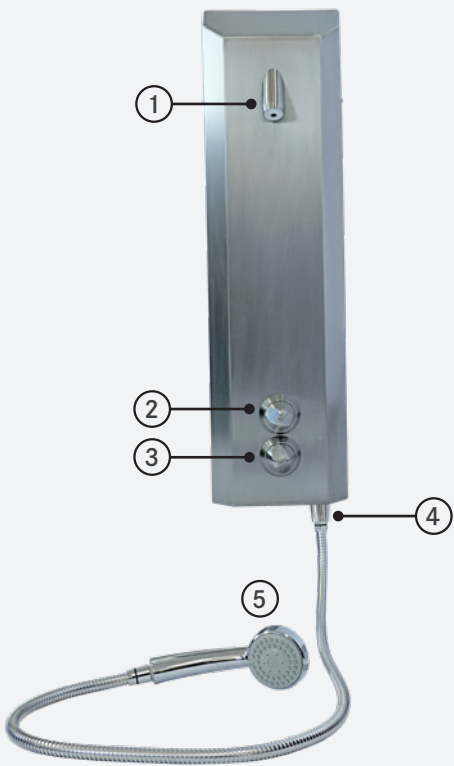
Unassisted Mode;

Utilising the fixed Anti-Ligature shower head, disconnect the 2m hose and operate via manual control knobs.

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
- Pre-plumbed rigid copper pipework

Also available in white powdercoat finish



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

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



SHOWER TOWER WITH RAIL & HOSE

SHOWER WITH RAIL & HOSE

HEAD, RAIL & HOSE KIT

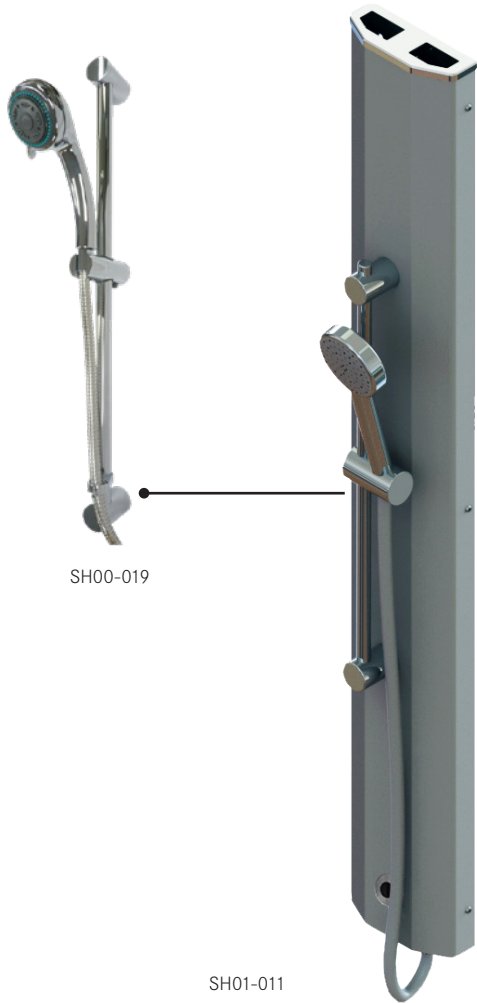
The ceiling height shower tower is also available with a complete shower head, rail and hose kit, which can be operated via Dart Valley's Standard wave-on sensor and Programmable sensor.

The shower head, rail and hose kit (without shower tower) is also available separately,

For existing direct pipework installations.

FEATURES_

- Easy shower head height adjustment
- Head, rail and hose chrome plated finish
- Robust 1.5mm Stainless Steel construction
- Wave-on, tactile or push button operation
- Available sloped top or ceiling height with or without TMV



SH00-019

SH01-011

WAVE ON SENSOR

FEATURES_

- Hygienic no-touch operation
- Polished 50mm chrome bezel
- High performance and reliability



Programmable sensor for SH01-011

STAINLESS STEEL

Stainless steel has a proven record of success in areas such as catering facilities where sanitation and ease of cleaning are so important. Stainless steels hygienic properties, corrosion resistance, strength and formability are important benefits to users in this sector. Its characteristics of having no pores or cracks to harbour dirt, grime or bacteria are another reason why stainless steel meets all the criteria.

The material is robust, easy to maintain and therefore very durable which makes the products economical over the lifetime of the building.

- Resistant to moisture
- Scratches and grooves lose their sharp edges quickly and blend into the surface
- Lasts for the lifetime of the building
- 100% recyclable

WM & DM SPOUTS

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 (for further information see pages 16-19)

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

All below WM & DM Taps below are designed to replace standard taps.

TAP SPOUTS (NO ELECTRONICS)

Available in 30° and 45° versions

FEATURES_

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



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



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

HIGH SECURITY DM SPOUTS

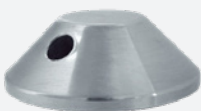
FEATURES_

- 316 Stainless Steel (Brushed finish)
- Ligature resistant design
- Removable outlet (Requires DVS removal key)
- Suitable for various applications
- Anti-vandal design
- Easy to clean shape

SPOUT ANGLES_

1. 45°
2. Parallel to basin
3. Parallel to basin
4. 20°

①



Deck mounted basin nozzle
AT07-054
3/8" BSP

②



Deck mounted bath spout
AT07-059
3/4" BSP

③



Deck mounted basin spout
AT07-056
1/2" BSP

④



Angled deck mounted basin spout
AT07-092
1/2" BSP

STAINLESS STEEL & ABS SHOWERHEADS

DVS offer various high security showerhead solutions that are robust, attractive and easy to install. Ceiling Mounted (Stainless Steel Only) and Wall options are available, all fitted with the One-Piece Anti-Microbial outlet. All Anti-Microbial ABS products feature 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 shower panel. The One-Piece Anti-Microbial ABS outlet can be removed for regular servicing and replacement.

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

316 STAINLESS STEEL

FEATURES_

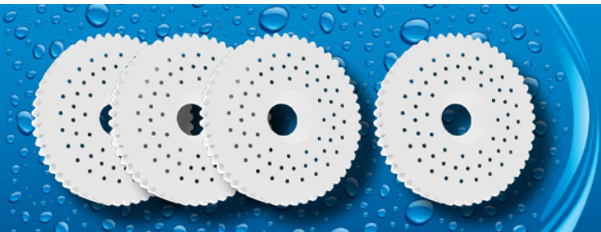
- 316 Stainless Steel (Brushed finish)
- One-Piece Anti-Microbial ABS outlet (Supplied with 4 different flow rates)
- Water efficient
- Tamper proof security screw
- Suitable for high security applications
- Ligature resistant design
- Easy to clean shape



Ceiling Mounted high security shower head
SH07-046



Wall mounted 30° high security showerhead
SH07-040



ONE PIECE ANTI-MICROBIAL OUTLET

FEATURES_

- Anti-Microbial Outlets promote a regular quarterly cleaning regime
- Reduced risk of cross contamination

ANTI-MICROBIAL ABS

FEATURES_

- Anti-bacterial using Biomaster silver ion technology
- One-Piece Anti-Microbial ABS outlet (Supplied with 4 different flow rates)
- Low maintenance costs
- Reduced risk of infection
- Easy to clean / retrofit
- 5 year product warranty



Ceiling Mounted ABS high security shower head
SH07-090



Wall mounted 30° ABS high security showerhead
SH07-091

2 CHANNEL CONTROL SYSTEMS

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 below)

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.



AT07-001

BATH CONTROL SYSTEM

The bath filling control system can be used with wave-on or tactile switches.

The half fill level is half that of the full fill which is adjustable. There are a number of kits available to suit a wide range of requirements Benefits of the bath filling control system are similar to the shower control system except that it operates a single valve post thermostatic mixer, with the option of hot and cold if required.

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



SH07-020

SHOWER CONTROL SYSTEM

The Shower Control System can be used for 1 or 2 shower stations. It will effectively give any standard showerhead automatic wave-on control.

The shower system also features a built-in purge control option to avoid water stagnation, adjustable run times and is also available in a battery operated version.

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.



SH07-001

WASHROOM CONTROLS

MULTI-CHANNEL WASHROOM CONTROL SYSTEM

The DVS Multi-Channel Control System is suitable for controlling the following products via our Standard Sensor;

- WC Flushing
- No-Touch Taps
- Showers & Bath Controls
- Can be fully programmed using the DVS handheld programmer (see pages 18-19)

The control box has been designed to meet the requirements for safe ensuite applications and the modern day washroom. 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.



VR07-020

DVS POWER PACK

The DVS Power Pack is designed to provide power in the most demanding of environments, even those which are prone to power outages.

The system features an on-board Intelligent Charger keeps the battery at an optimum charge level.

In the event of a power out, the battery will continue to supply power for up to 10 days depending on load.

Compatible with the DVS range of taps, programmable sensors and Low Voltage Flushvalve Controls.

Can power up to 5 products in series from one unit

See programmable sensors on page 27 for compatible sensor options



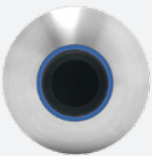
WC00-155

SENSORS / SWITCHES

Ligature resistant 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 or for use with Shower Towers. (See page 27 for Programmable Sensors)



WAVE-ON SENSOR
50MM (HOT)
AC02-041



WAVE-ON SENSOR
50MM (COLD)
AC02-040



TACTILE SWITCH
50MM (HOT)
AC02-047



TACTILE SWITCH
50MM (COLD)
AC02-046

HANDHELD PROGRAMMER

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.



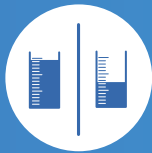
USB Connection for real time data upload and dynamic software updates



Data on operations, purges and more



Adjustable settings, including sensor range and flush time



Dual Flush and Auto modes



Compatible with a range of DVS products



PROGRAMMABLE SENSORS

PROGRAMMABLE SENSOR

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

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

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

PROGRAMMABLE FEATURES

- Run Time
- Sensor Range
- Wave-On Only or Wave-On / Wave-Off
- Purge (on or off)
- Purge Run Time
- Lock Outs (on or off)
- Lock Out Operations
- Upgradable Software



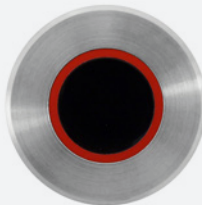
AC01-001

STAINLESS STEEL

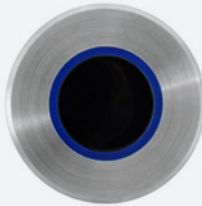
- Brushed 316 Stainless Steel 50mm bezels
- Available in Standard or with Red or Blue indication inserts



AC02-017



AC02-025



AC02-024

ELECTRONIC WATER MANAGEMENT

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 system
AC07-001



Overflow warning light
AC07-004

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

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
ac04-001



Kit option includes 15mm solenoid valve
AC04-002

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

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

AQUA 3000 OPEN WATER MANAGEMENT SYSTEM



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.

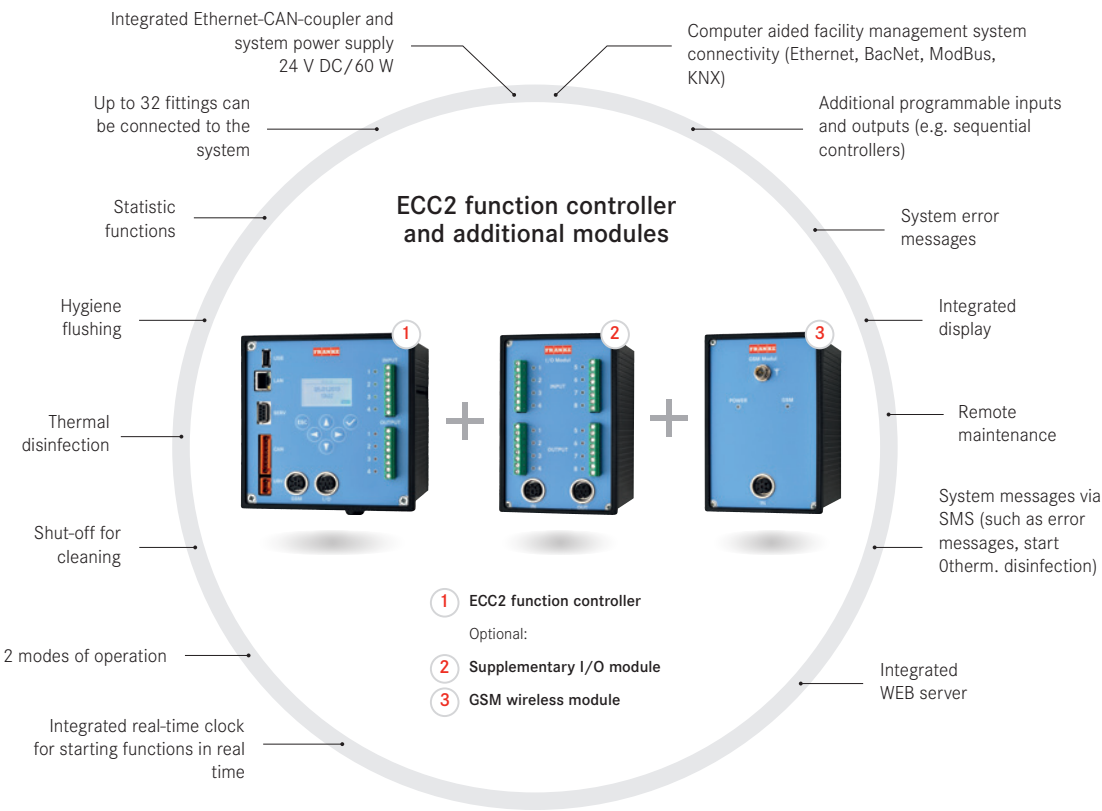


HYGIENIC

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

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.



TEMPERATURE BLENDING VALVE ADJUSTER

TEMPERATURE BLENDING VALVE ADJUSTER

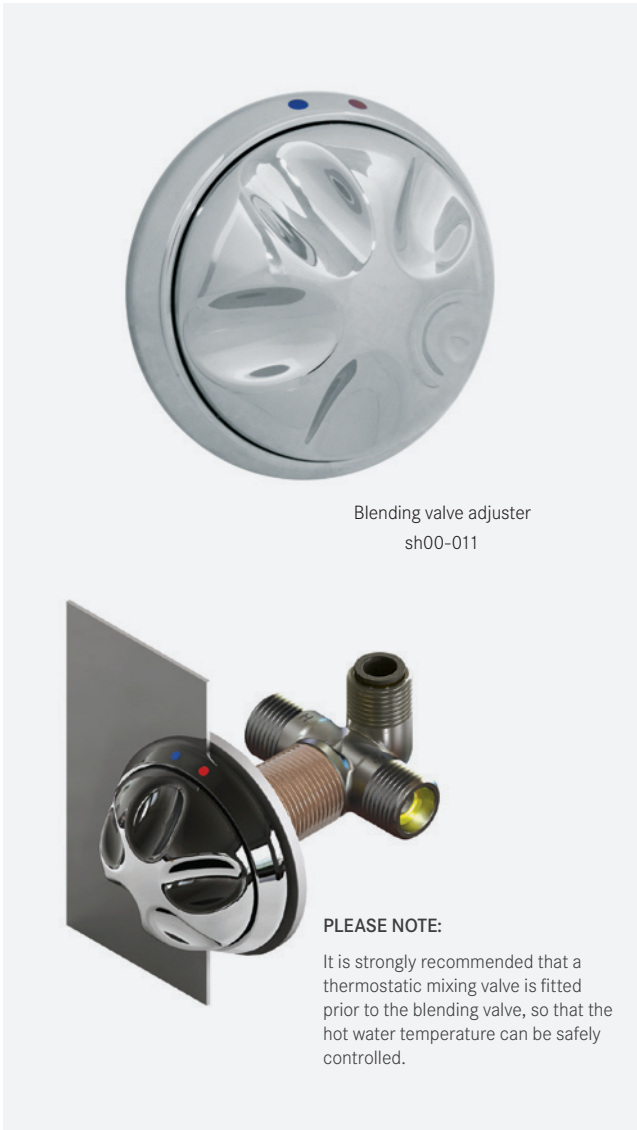
In many public facilities supplying water at 41° is ideal. If however the requirement is to provide 41° with user adjustment between this temperature and cold (determined by the cold input temperature), then the temperature blending valve adjuster can be added to accommodate this facility.

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 ¾" BSP
- Available for different wall depths;
SH00-013 - For 280mm wall depth
SH00-012 - For 180mm wall depth
SH00-011 - For 1.5mm to 22mm wall depth



Blending valve adjuster
sh00-011

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.

LIGATURE RESISTANT SOLUTION
FOR ADJUSTABLE WATER TEMPERATURE

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 2mm (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
- Available with Dart Valley spouts and controls

















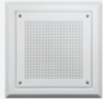















S/S Combination unit
HDTX816L




























Stainless Steel is 100% recyclable

PRODUCT LIST

 <p>VR01-010</p> <p>WC BTW pan standard VR01-011 (WC BTW pan disabled - 60mm higher) VR01-012 (spacer box for WC BTW pan disabled)</p> <p>Page 3</p>	 <p>VR01-035</p> <p>WC BTW pan disabled (60mm higher) blue seat VR01-034 WC BTW pan standard - blue seat</p> <p>Page 3</p>	 <p>VR01-017</p> <p>Wall-hung WC pan VR01-036 Wall-hung WC pan - blue seat</p> <p>Page 3</p>	 <p>VR01-014</p> <p>Standard WC Pan with RH infill VR01-013 (LH infill) VR01-046 (double infill)</p> <p>Page 3</p>	 <p>VR01-080</p> <p>Integrated basin dual spout - high sided VR01-039 (single spout) VR01-030 (dual spout)</p> <p>Page 4</p>	 <p>VR01-081</p> <p>Safe ensuite low profile basin (NTH) VR01-082 (1TH L) VR01-083 (1TH R) VR01-084 (2 TH)</p> <p>Page 5</p>
 <p>VR01-107</p> <p>Safe ensuite backplate</p> <p>Page 5</p>	 <p>VR01-085</p> <p>In wall basin VR01-032 (anti-ligature waste grid)</p> <p>Page 6</p>	 <p>VR01-037</p> <p>High Security mirror with shelf</p> <p>Page 7</p>	 <p>VR01-025</p> <p>High Security mirror</p> <p>Page 7</p>	 <p>VR01-026</p> <p>High security corner soap dish</p> <p>Page 7</p>	 <p>SH01-061</p> <p>Shower tower (ceiling height with HS head & programmable sensor)</p> <p>Page 8</p>
 <p>SH01-060</p> <p>Shower tower (sloped top) with HS head & programmable sensor</p> <p>Page 8</p>	 <p>VR01-054</p> <p>Ligature resistant coat hook - available in white, red & black (state above code followed by colour)</p> <p>Page 9</p>	 <p>VR01-067</p> <p>Ligature resistant accessory holder VR01-055 toilet roll holder</p> <p>Page 9</p>	 <p>VR01-069</p> <p>Ligature resistant pull handle - 600mm VR01-068 (450mm)</p> <p>Page 9</p>	 <p>VR01-059</p> <p>Ligature resistant steel ventilation grill 150mm x 150mm</p> <p>Page 9</p>	 <p>VR01-024</p> <p>HS bath filling backplate SH07-043 SS bath spout</p> <p>Page 10</p>
 <p>SH07-055</p> <p>Warm/cold bath filling plate SH07-054 (half/full filling plate)</p> <p>Page 10</p>	 <p>WC02-002</p> <p>Concealed standard plastic cistern only (2") WC02-001 (1½")</p> <p>Page 11</p>	 <p>WC02-004</p> <p>Concealed tall plastic cistern only (2") WC02-003 (1½")</p> <p>Page 11</p>	 <p>WC02-011/013</p> <p>Standard & tall cistern kit</p> <p>Page 11</p>	 <p>WC02-017</p> <p>Compact concealed cistern kit (1½") WC02-007 (cistern kit)</p> <p>Page 11</p>	 <p>SH01-013</p> <p>Dual outlet shower tower with head and hose kit</p> <p>Page 12</p>
 <p>SH01-011</p> <p>Shower with rail hose SH00-019 (Head, rail + hose kit)</p> <p>Page 13</p>	 <p>AT07-041</p> <p>High security tap spout 30° 98mm long S/S brushed</p> <p>Page 14</p>	 <p>AT07-040</p> <p>High security tap spout 45° 113mm long S/S brushed</p> <p>Page 14</p>	 <p>AT07-054</p> <p>Deck mounted basin nozzle S/S brushed</p> <p>Page 14</p>	 <p>AT07-059</p> <p>Deck mounted bath spout S/S brushed</p> <p>Page 14</p>	 <p>AT07-056</p> <p>Deck mounted basin spout S/S brushed</p> <p>Page 14</p>

For project support and bespoke product information, please contact us on **+44(0)1803 529021** or alternatively, email us at **sales@dartvalley.co.uk**

 <p>AT07-092 Angled deck mounted basin spout S/S brushed</p> <p>Page 14</p>	 <p>SH07-046 Ceiling mounted high security shower head</p> <p>Page 15</p>	 <p>SH07-040 30° high security shower head S/S brushed</p> <p>Page 15</p>	 <p>SH07-090 WM High security ABS dome showerhead in white finish SH07-085 (grey finish)</p> <p>Page 15</p>	 <p>SH07-091 WM High security ABS sloped showerhead in white finish</p> <p>Page 15</p>	 <p>AT07-001 Tap control system SH07-020 (bath C/S) SH07-001 (shower C/S)</p> <p>Page 16</p>
 <p>VR07-020 Multi-channel washroom control system</p> <p>Page 17</p>	 <p>WC00-155 DVS power pack</p> <p>Page 17</p>	 <p>AC02-041 Anti-vandal wave-on sensor 50mm bezel (red insert)</p> <p>Page 17</p>	 <p>AC02-040 Anti-vandal wave-on sensor 50mm bezel (blue insert)</p> <p>Page 17</p>	 <p>AC02-047 Anti-vandal tactile switch 50mm bezel (red insert)</p> <p>Page 17</p>	 <p>AC02-046 Anti-vandal tactile switch 50mm bezel (blue insert)</p> <p>Page 17</p>
 <p>AC01-001 Handheld programmer with USB interface</p> <p>Page 19</p>	 <p>AC02-017 Programmable tap sensor S/S 50mm bezel AC02-025 (red insert) AC02-024 (blue insert)</p> <p>Page 19</p>	 <p>AC07-001 Overflow detection control system</p> <p>Page 20</p>	 <p>AC07-004 Overflow warning light panel</p> <p>Page 20</p>	 <p>AC04-001 Water isolation system - battery (control box only)</p> <p>Page 20</p>	 <p>AC04-002 (kit with 15mm solenoid valve)</p> <p>Page 20</p>
 <p>ZA30P0011 ECC2 function controller ZA30P0012 (Supplementary I/O module) ZA30P0013 (GSM wireless module)</p> <p>Page 21</p>	 <p>SH00-011 Temperature blending valve adjuster (chrome)</p> <p>Page 22</p>	 <p>HDTX816L FRANKE Stainless Steel combination unit (LH) HDTX816M (centre) HDTX816R (RH)</p> <p>Page 23</p>	<p>For more of our products, and to see what else DVS can offer, see our other catalogues.</p> <div><div><p>Healthcare</p></div><div><p>Food hygiene solutions</p></div><div><p>Water management, WC flushing & Urinal controls</p></div><div><p>Taps & Showers</p></div></div>		