



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

V2_24/05/2019

TAPS & SHOWERS

DVS are specialists in intelligent,
no-touch taps & showers for all markets.

TAPS & SHOWERS

Dart Valley Systems offer a comprehensive range of taps, WC flushing, urinals, showers 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 whilst improving hand wash hygiene.

Dart Valley Systems offer solutions to all hand wash applications, along with proven washroom controls for the most demanding markets including airports and motorway service stations that operate 24 hours per day.

All DVS taps are WRAS approved where water temperature controls are required we can supply a WRAS and NSF approved TMV3 (Thermostatic mixing valve).



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 No-Touch system to work with various controls, including the DVS Programmable sensor



We can design and manufacture bespoke solutions for our customers



Taps & Showers Solutions

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ACCREDITATIONS



DVS NO-TOUCH TAPS

The DVS range of automatic taps have evolved over 30 years into what we feel are the most adaptable range on the market with taps or spouts for all applications including Healthcare, education, retail and food sectors.

The DVS tap and sensor range can be controlled using the DVS hand held programmer, flow time, range and purge options can all be turned on or off or adjusted allowing for greater flexibility in all areas.

The taps can be programmed to auto purge if they are not used, this is a proven way to help prevent biofilm build up. All taps are available as mains or battery operated.



Robust 316 Stainless Steel is 100% recyclable



Hygienic no-touch operation



Adjustable settings, including run-time and purges



Easy installation and servicing



Range of finishes and connection options



DVS branded products are guaranteed for 5 years



A32 & A45

- 316 Stainless Steel (Brushed or Polished)
- Robust design and build quality
- Suitable for a wide range of applications
- Also available in non-electronic version
- Matching soap dispenser available (see page 11)



WM STRAIGHT

- 316 Stainless Steel (Brushed or Polished)
- Available in 3 lengths; 150mm, 200mm and 250mm
- Also available in non-electronic version
- Matching soap dispenser available (see page 11)



HIGH NECK & HIGH NECK SV

- 316 Stainless Steel (Brushed or Polished)
- High Neck, suitable for raised sinks
- High Neck SV, suitable for recessed sinks
- Also available in non-electronic version



CLASSIC & CLASSIC SWAN

- Chrome plated brass
- Robust design and build quality
- Matching soap dispenser available
- Also available in non-electronic version



PILLAR & PILLAR SV

- Chrome plated brass
- Standard Pillar, suitable for raised sinks
- Pillar SV, suitable for recessed sinks
- Matching soap dispenser available (see page 11)



ANTI-MICROBIAL OUTLET

- Helps reduce harmful bacterias (including Pseudomonas, Legionella MRSA, E.Coli and Salmonella) by up to 99.9%



THERMOSTATIC MIXING VALVE 4-IN-1

- Advanced TMV3 approved valve
- For basin, tap and shower
- Requires min. 1 bar pressure



DVS AQUARITHERM™ TAPS

Designed with healthcare environments in mind, the AquariTherm™ range combines infection control features. It also offers simple isolation for quick and easy servicing and stylish aesthetics meeting the needs of healthcare professionals and technical support staff.

The patented isolation feature allows the tap to be removed for servicing or exchange without the need to isolate the water or remove any panels. This feature reduces any down time during servicing or disinfection, with easy to access filters these can be removed replaced or cleaned in a matter of seconds.

As well as unique servicing features, the AquariTherm™ tap is designed with no sharp corners allowing for easy cleaning.

The AquariTherm™ tap is available in either automatic or manual specification, making it ideal for a range of healthcare applications. The sensor controlled specification offers a no-touch solution, with an ergonomic integrated downward facing sensor, with adjustable range and automatic purge facility.

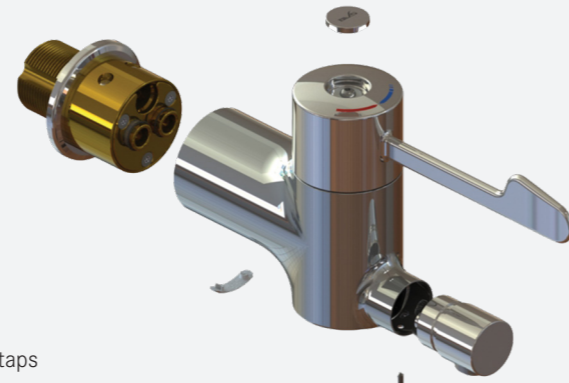
Both the manual and sensor controlled models include a mechanism to ensure that hot water is mixed before being delivered to the users' hands, ensuring there is no 'hot spike' effect for the user of the tap. Additionally the tap body stays cool during use, even with prolonged running of hot water.



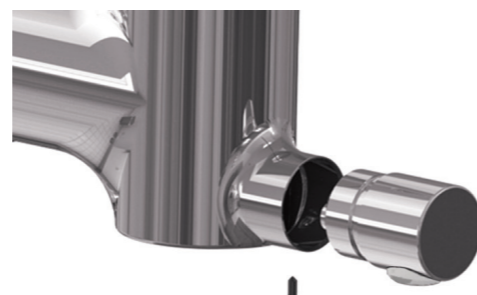
AQUARITHERM™ MANUAL

FEATURES_

- HTM64 compliant
- DZR brass tap body
- Ergonomic Easy-Clean surfaces
- Quick and easy servicing
- No hot surface area
- Easy to remove filters and serviceable valves
- Anti-Microbial ABS outlet with unrestricted flow rate
- Wall to Tap handle position extended further than existing healthcare taps



Aquaritherm - Open outlet version, features a non restricted open outlet with smooth internal bore



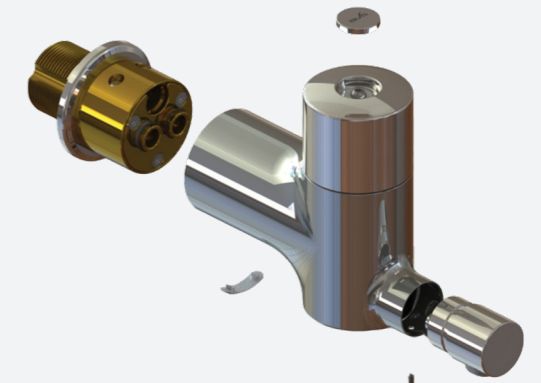
The manual and remote sensor taps feature a removable spout for servicing (above)

DVS AQUARITHERM™ TAPS

AQUARITHERM™ TAP

FEATURES_

- HTM64 compliant
- DZR brass tap body
- Ergonomic Easy-Clean surfaces
- Quick and easy servicing
- No-Touch operation via separate sensor
- No hot surface area
- Adjustable sensing range
- Easy to remove filters and serviceable valves
- Auto-Purge facility built in
- Reduced hot spikes
- Chlorination setting
- Record real-time data from the fully programmable sensor via handheld programmer (See page 26)
- Anti-Microbial ABS outlet with unrestricted flow rate



AQUARITHERM™ TAP WITH SEPARATE PROGRAMMABLE SENSOR

- No-touch operation
- Adjustable run time
- Anti-vandal mode on/off and adjustable time
- Automatic and time adjustable purge

SERVICE KITS

To maintain hygiene and the efficient running of the AquariTherm™ tap, there are 2 service kits available for both manual and automatic specifications:



KIT.1

- 2x Filter cartridges
- 2x Check valves (inserted)
- 1x Flow straightener (Unrestricted)



KIT.2

- 1x Thermostatic cartridge

ANTIMICROBIAL OUTLET_

Moulded using Biomaster; proven to help reduce harmful bacteria's common in healthcare environments, including; Pseudomonas, Legionella MRSA, E.Coli, Listeria, Salmonella and Campylobacter by up to 99.9%.



SELF CLOSING TAPS

A popular product for high traffic washrooms, push taps offer great value for money, robustness, reliability and short payback periods.

DVS offer a range of self-closing, manually operated taps that are suited to all industrial and public washroom applications.

The range includes both deck and wall mounted options.



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 range suitable for public, commercial or industrial purposes.

The range of self-closing taps 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.

F3 SELF-CLOSING BIB TAP

- Self-closing bib tap
- Chrome plated brass body
- Adjustment of flow duration
- For connection to pre-mixed hot and cold water



F3SV1002

NON CONCUSSIVE TAP

- Self-closing tap
- Chrome plated brass body
- Available in hot & cold versions
- Outlet height; 55mm



MT00-030

F3 SELF-CLOSING PILLAR TAP

- Self-closing pillar tap
- Hydraulically controlled
- Stepless adjustment of flow duration
- For connection to pre-mixed hot and cold water



F3SV1001

F3 SELF-CLOSING PILLAR MIXER

- Self-closing pillar mixer tap
- Hydraulically controlled
- Stepless adjustment of flow duration
- Adjustable temperature with turn proof temperature stop



F3SM1001

F5 SINGLE-LEVER PILLAR MIXER

- Single lever pillar mixer tap with ceramic disc technology cartridge
- Outlet height; 65mm
- Thermostatic protection from scalding
- Chrome plated brass body



F5LM1001

F5 SINGLE-LEVER PILLAR MIXER

- Single lever pillar mixer tap with ceramic disc technology cartridge
- Outlet height; 90mm
- Thermostatic protection from scalding
- Chrome plated brass body



F5LM1002

F5 SINGLE-LEVER PILLAR MIXER

- Single lever pillar mixer tap with ceramic disc technology cartridge
- Outlet height; 90mm
- Thermostatic protection from scalding
- Chrome plated brass body



F5LM1003

F5 SELF CLOSING PILLAR MIXER

- Self-closing pillar mixer tap with FRAMIC cartridge
- Hydraulically controlled
- Stepless adjustment of flow duration
- Adjustable temperature with turn proof temperature stop



F5SM1001

F5 SELF CLOSING PILLAR TAP

- Self-closing pillar tap with FRAMIC cartridge
- Hydraulically controlled
- Stepless adjustment of flow duration
- For connection to pre-mixed hot and cold water



F5SV1001

F5 SINGLE-LEVER PILLAR MIXER

- Single lever pillar mixer tap with ceramic disc technology cartridge
- Outlet height; 90mm
- Thermostatic protection from scalding
- Chrome plated brass body
- Extended lever length



F5LM1010

EZ SPOUT™ RANGE STAINLESS STEEL

EZ SPOUT™

The EZ Spout™ range has two options, uncontrolled outlets or a flow regulated outlet, both are manufactured using 316 stainless steel.

The spouts are mounted on a wall spigot also manufactured in 316 stainless steel, the outlets can be removed easily for sterilisation if and when required.

Water control is via an infrared sensor mounted directly under the spout for automatic operation or to one side to give wave operation both are no touch meaning a greatly reduced risk of cross contamination.

The sensor is fully programmable when used with the DVS hand held programmer allowing for various settings for different applications, the sensor is also bi-directional allowing for usage data to be viewed or downloaded if required.

REMOVABLE SPOUT

The removable EZ spout can be removed quickly and easily, to enable servicing, autoclaving and exchange with other DVS removable spouts, ensuring the station remains fully operational at all times.

This feature applies to all 4 variants of the EZ spout below.



EZ-HC 90° TAP SPOUT

- Angled at 90° degrees
- Quick and easy to remove for servicing
- Slim, minimalistic, modern appearance
- No outlet, smooth open bore



AT07-101

EZ-60 TAP SPOUT

- Angled at 60° degrees
- Quick and easy to remove for servicing
- Slim, minimalistic, modern appearance
- Standard 5 LPM outlet (other flow rates available)
- P-O-U filter compatible



AT07-103

EZ-HC 60° TAP SPOUT

- Angled at 60° degrees
- Quick and easy to remove for servicing
- Slim, minimalistic, modern appearance
- No outlet, smooth open bore



AT07-104

EZ-90 TAP SPOUT

- Angled at 90° degrees
- Quick and easy to remove for servicing
- Slim, minimalistic, modern appearance
- Standard 5 LPM outlet (other flow rates available)
- P-O-U filter compatible



AT07-102

MEDI SPOUT™ RANGE ANTI-MICROBIAL



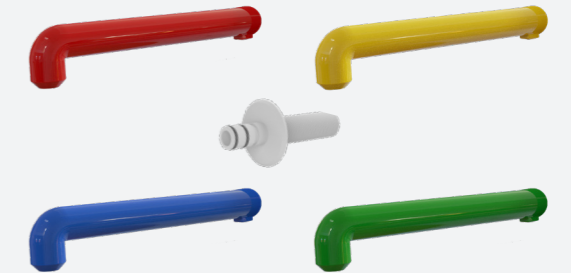
MEDI SPOUT™

The Medi Spout™ range has been designed to meet the high standard of hand wash hygiene demanded by hospitals. This range is perfectly suited for Healthcare and food sectors where hand hygiene is of the utmost importance.

Moulded in Anti-Microbial ABS with added Biomaster silver ion technology for long-term defence against harmful bacteria. Helping to prevent the growth of waterborne bio-films that can very easily spread.

FEATURES

- Open outlet to reduce areas for biofilm growth
- Push-fit spigot and concealed grub screw for retention
- Can be operated using DVS sensors and Tap Control System (see pages 24-27)



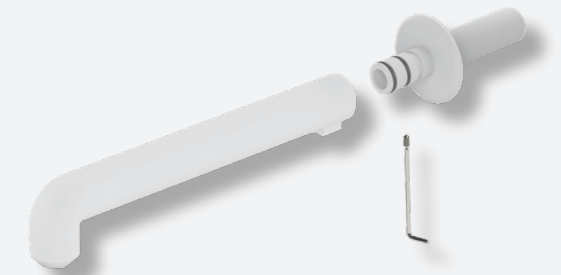
AT07-140



PUSH-FIT CONNECTION

The Push-Fit connection and secure mounting spigot ensures quick and easy replacement of all DVS Medi Spouts™ for efficient, disruption-free servicing and replacement.

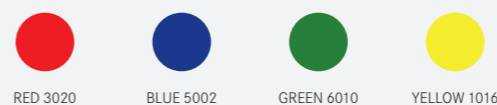
Once the spout body is pushed on to the spigot, a concealed grub screw is fitted for security.



AT07-105

COLOURED SPOUTS

- The Medi Spout™ range is available in 4 different colours to promote a quarterly replacement regime
- Each colour represents one 3 month period in a year
- 1 year service pack, includes all 4 colours



RED 3020 BLUE 5002 GREEN 6010 YELLOW 1016

FEATURING
**ANTI-MICROBIAL
SILVER ION
TECHNOLOGY**

HAND DRYERS



DRYX500N HANDS-IN HAND DRYER

- Antibacterial ABS synthetic material
- Warm or cold air selection
- Drying time 7-10 seconds
- Hygienic no-touch operation and integrated HEPA filter
- Water tank capacity 800ml
- Automatic power shut-off after 25 sec
- Separate cleaning of water tank and drainage
- Adjustable air velocity (75 - 100m/s)
- Protection category IPX4
- Total power 1250 - 1650 W



DRYX500N

EXOS HAND DRYER

- Stainless Steel with satin surface finish, front with InoxPlus surface refinement
- Warm air (adjustable)
- Sensor range adjustable (10-25cm)
- Automatic power shut-off after 60 sec
- Adjustable air velocity (95 - 115 m/s)
- Total power 1000 W
- Front cover available in different versions



EXOS220X

EXOS220W

EXOS220B

RODAN HAND DRYER

- Stainless Steel with satin surface finish
- Warm air
- Air velocity (15.5 m/s)
- Total power 2200 W
- Sensor range adjustable (10-30cm)



RODX310

STRATOS HAND DRYER

- Stainless Steel with satin surface finish, front with InoxPlus surface refinement
- Warm air (adjustable)
- Total power 1000 W
- Sensor range adjustable (10-25cm)
- Adjustable air velocity (95 - 115 m/s)
- Automatic power shut-off after 60 sec



STRX220

PAPER TOWEL DISPENSERS



PAPER TOWEL DISPENSER

- Wall mounted dispenser
- Stainless steel with satin finish, front and casing
- Easy to clean
- 1.2 mm Material thickness
- Inspection window on side
- Capacity 300-400 pieces of Z-folded paper



EXOS600X

PAPER TOWEL ROLL DISPENSER

- Manual wall mounted dispenser
- Stainless steel with satin finish, front and casing
- Easy to clean
- 1.2 mm material thickness
- Maximum roll width 205mm
- Maximum roll diameter 200mm
- Paper perforation length 260mm
- Adjustable paper roll holder



EXOS637X

NO-TOUCH SOAP DISPENSERS

DVS soap dispensers feature no-touch operation with a minimalistic easy to clean design. There are deck and wall mounted versions available, as well as versions that are either battery or mains operated.

Available in either chrome or brushed finish, suitable for a wide range of environments including; hospitals, airports, motorway services, food factories, supermarkets and more.

WALL MOUNTED SOAP DISPENSER



SD01-001



SD01-005

DECK MOUNTED SOAP DISPENSER



SD01-002



SD01-012

Also available in chrome finish

PILLAR SOAP DISPENSER



SD01-003



SD01-008

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.

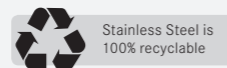
Electronic operation controls are supplied with pre-set settings but can be customised quickly and easily.

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



DVS SHOWER PANEL

DVS SHOWER PANEL



Utilising a minimal design, the DVS Shower Panel can be installed in a short space of time.

The shower panel is quick and easy to mount to the wall, removal / service access is greatly improved by a bracket mounting system.

The DVS Shower Panel is designed for use in Commercial / Leisure / Low risk applications, including high usage environments such as Educational facilities.

Low price banding makes the DVS shower panel great value.

SINGLE PIECE SHOWER PANEL



FEATURES_

- Low Cost
- Designed to fit flush against the wall & ceiling
- Single piece outer case construction
- Operated via Programmable sensor
- Robust 1.5mm Stainless Steel construction
- Can be operated via mains or battery power supplies
- Made from 304 Stainless Steel
- Can be used with external TMV
- 2 Bracket system

SH01-020



SHOWER PANEL WITH SHROUD



FEATURES_

- Low Cost
- Shroud features 20mm of adjustment to suit varied ceiling heights
- Designed to fit flush against wall & ceiling
- Single piece outer case construction
- Operated via Programmable sensor
- Robust 1.5mm Stainless Steel construction
- Can be operated via mains or 6v battery power supplies
- Made from 304 Stainless Steel
- Can be used with external TMV
- 3 Bracket system

SH01-019



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;

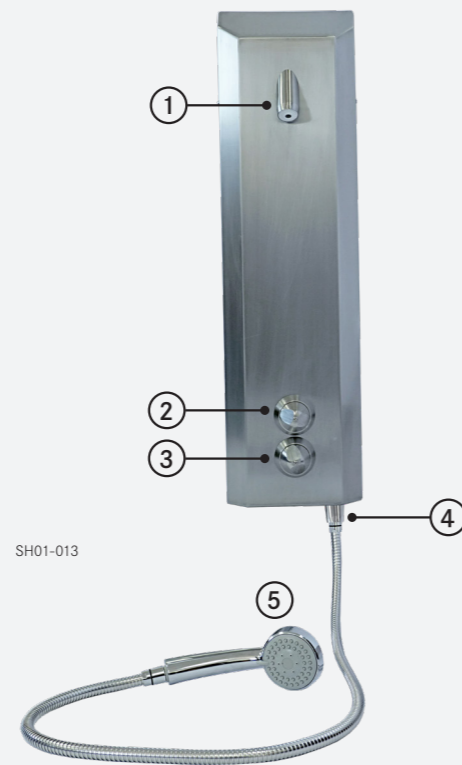
Utilising the fixed Anti-Ligature shower head, disconnect the 2m hose and operate via manual control knobs.

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

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



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

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.

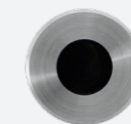
FEATURES_

- Easy shower head height adjustment
- Head, rail and hose chrome plated finish
- Robust 1.5mm 316 Stainless Steel construction
- Wave-on, tactile or push button operation
- Available sloped top or ceiling height with or without TMV

WAVE ON SENSOR

FEATURES_

- Hygienic No-Touch operation
- Polished 50mm chrome bezel
- High performance and reliability



PROGRAMMABLE SENSOR FOR SH01-011



SH00-019

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



SMARTWAVE SHOWER



Shower fittings 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 FRANKE shower range suitable for public, commercial and industrial applications.

The FRANKE range includes the AQUACONTACT and SMARTWAVE panels, featuring the latest technologies and modern aesthetics, catering for various applications. There are a choice of shower fronts across the range including; Stainless Steel, mineral MIRNAT-S or glass.

SMARTWAVE

Made up of only 2 elements, the SMARTWAVE shower panel can be installed in a short space of time, and is easily accessible for commissioning and maintenance. Housing is made of Makroblend® polymer material with stain resistant properties. Featuring a function block mounted directly on the shower head to reduce water stagnation. Also features an adjustable anti-scale head and soft button operated self-closing mixer DN15.

FEATURES_

- Hygienic Makroblend® chemical resistant housing
- Anti-scale adjustable angle shower head
- Aquamix self-closing mixer
- Soft trigger operation
- Adjustable flow time

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



AQMX0008

AQUAJET SHOWERHEADS

Available with either AQUAJET Comfort or AQUAJET Slimline shower heads



AQUAJET Slimline



AQUAJET Comfort

AQUA CONTACT SHOWERS



AQUACONTACT

AQUACONTACT STAINLESS STEEL

The range uses Start - Stop touch sensor operation, with or without thermostat mixer control, some versions with moulded plastic shower gel tray insert.

AQUACONTACT Stainless Steel panels are compatible with both the AQUAJET Comfort and AQUAJET Slimline shower heads.

FEATURES_

- Start - Stop touch sensor operation with integrated hygiene flushing function
- Thermostat fittings with convenient temperature selection
- Thermostatic mixer DN15
- Stainless Steel with optional easy clean InoxPlus surface
- Available with either AQUAJET Comfort or AQUAJET Slimline shower heads
- Optional remote control for setting function parameters
- Shower-gel tray insert (AQCT0006 & AQCT0065 only)
- Available in Battery or Mains versions



AQCT0005



AQCT0006



AQCT0064



AQCT0065

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 (24-27)).

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

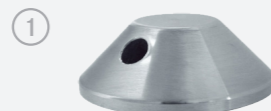
HIGH SECURITY DM SPOUTS

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_

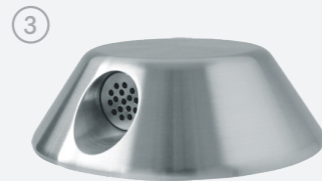
1. 45°
2. Parallel to basin
3. Parallel to basin
4. 20°



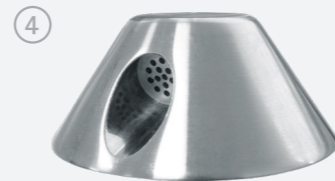
Deck mounted basin nozzle AT07-054 3/8" BSP



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



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



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

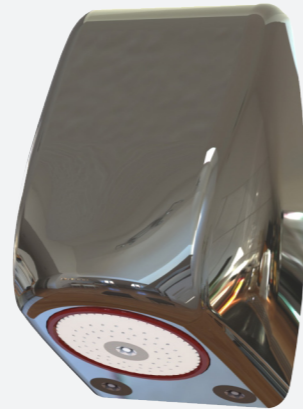
ANTI-MICROBIAL SHOWERHEAD

ANTI-MICROBIAL SHOWERHEAD

FEATURES_

- Removable brass front cover (Chromed finish)
- Brass backplate
- Removable fully Anti-Microbial outlet body
- One-Piece Anti-Microbial ABS outlet (Supplied with 4 different flow rates)
- Supplied with 4 coloured water ways

SH07-095



BREAKDOWN

1) Backplate_

- Strong, Sturdy Brass Backplate with 4 point fixing positions
- Easy push-fit connection to waterways

2) Waterways_

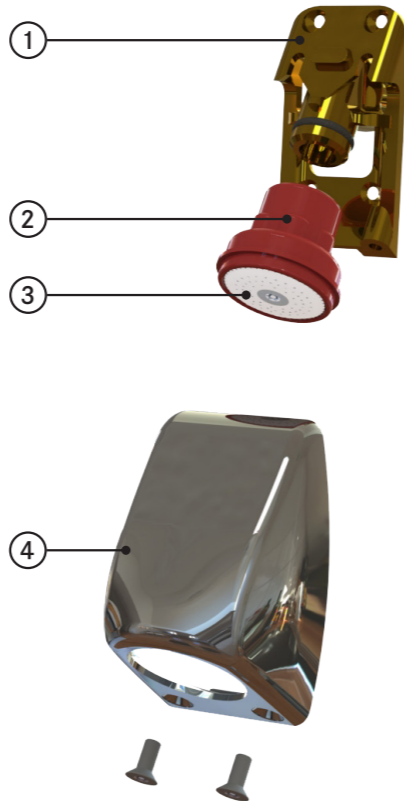
- Fully Anti-Microbial
- Supplied in 4 colours to promote a quarterly replacement regime

3) One-Piece Anti-Microbial Outlet_

- Fully Anti-Microbial
- Supplied in sets of 4 with 4 different flow rates

4) Outer Showerhead Cover_

- Chromed brass
- Easily removable for cleaning / waterways replacement



COLOURED WATERWAYS

- The Anti-Microbial Showerhead Waterways are available in 4 different colours to promote a quarterly replacement regime.
- Each colour represents one 3 month period in a year
- 1 year service pack, includes all 4 colours



RED 3020



BLUE 5002



GREEN 6010



YELLOW 1016

Taps & Showers Solutions

MEDI-SHOWER™

MediShower™ is an Anti-Microbial and water saving shower head and hose. Easy to maintain, hygienic and efficient, the MediShower™ is well suited to healthcare environments, where containing the spread of infection and meeting budgetary requirements are key priorities.

Using Biomaster technology - silver has been used in its pure form for many centuries to prevent growth of bacteria. Incredibly durable, long lasting and highly active, when Biomaster is added in to a product it is dispersed throughout the item, will not wash off and will last its entire active lifetime.

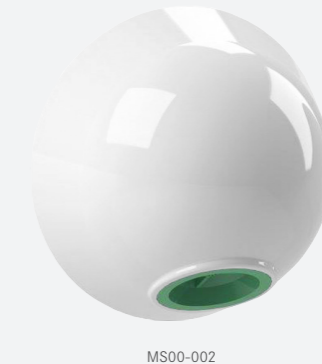
Biomaster has been proven to help reduce harmful bacteria's common in healthcare environments, including: Pseudomonas, Legionella, MRSA, E.Coli, Listeria, Salmonella and Campylobacter by up to 99.9%.

MediShower™ is also 100% designed and manufactured in the UK.

MEDI-SHOWER

FEATURES_

- Anti-bacterial using Biomaster silver ion technology
- Medi-shower replacement inserts promote a regular quarterly cleaning regime
- Low maintenance costs
- Reduced risk of infection
- Easy to clean / retrofit
- 5 year product warranty
- 5 year guarantee against limescale clogging



MS00-002



MS00-001



MEDI-FLUSH INSERTS_

- Colour coded system represents calendar quarters
- Quick and easy replacement using the MediShower™ key



MediShower™ key (one supplied)

dartvalley.co.uk | +44 (0) 1803 529021

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 and easy to use, combined with good aesthetics 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.

TEMPERATURE BLENDING VALVE ADJUSTER

FEATURES_

- Chrome plated brass
- Robust construction
- Easy to install
- 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



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.

SELF CLOSING MIXERS

SELF-CLOSING TECHNOLOGY (F3S)_

Reliable taps with intuitive operation and economical water consumption are suitable for sanitary areas with high-frequency utilisation. The water control proceeds in accordance with the proven, piston-free self-closing function principle. Already in use millions of times over, this highly durable and self-cleaning function cartridge guarantees a long service life.



SELF-CLOSING TECHNOLOGY (F5S)_

All F5S self-closing taps are equipped with the innovative and pressure-independent ceramic cartridge from FRANKE. As before the water flow is activated by the pressure on the handle cap. After the hands are washed, the water flow stops after the preset flow duration without any further contact with the tap.



DVS THERMAL DISINFECTION VALVE

DVS THERMAL DISINFECTION VALVE (TDV)

The DVS TDV valve has been designed to eliminate biofilm, reducing the risk of waterborne pathogens.

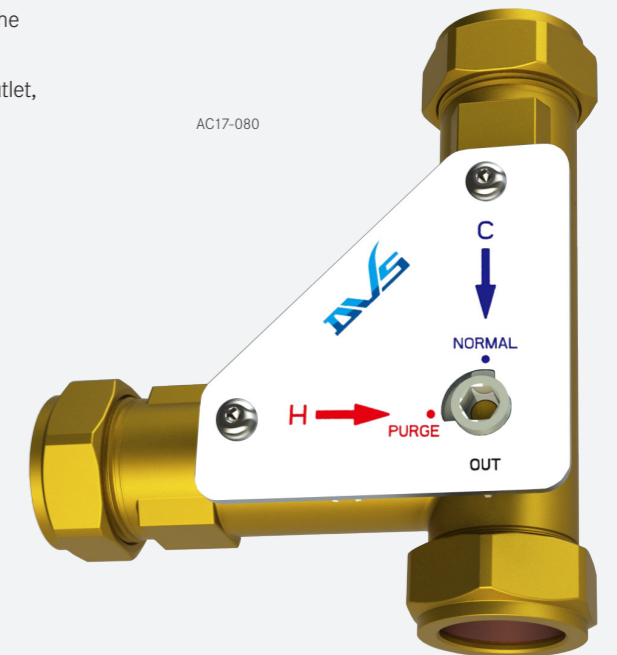
This valve allows Thermal Disinfection from the TMV through to the outlet, (1x TDV valve required per TMV)

This valve is suitable for any washroom equipment fitted with a TMV which requires thermal disinfection, this includes;

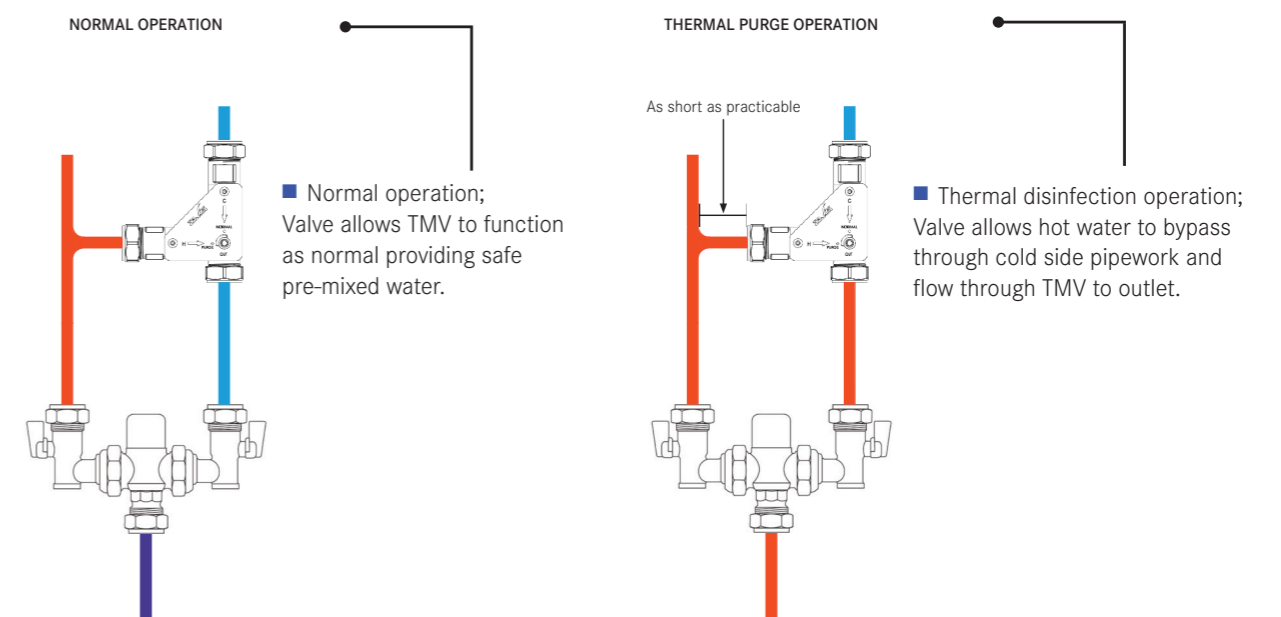
- Taps
- Shower Heads
- All other washroom equipment fitted with a TMV

FEATURES_

- DZR brass body
- Simple, single quarter turn operation
- Suitable for 22mm & 15mm pipework
- Compliant with water regulations and by-laws
- Integral non-return valves prevent backflow



OPERATION SCHEMATIC (PRE TMV)



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.

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 26-27)

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



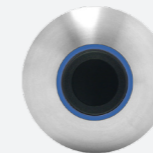
WC00-155

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)



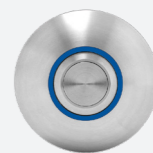
WAVE-ON SENSOR
50MM (HOT)
AC02-041



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.



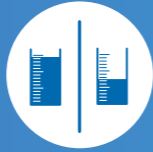
USB Connection for real time data upload and dynamic software updates



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 SENSORS



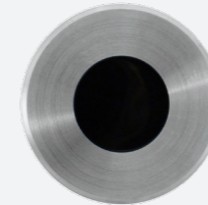
Programmable sensor settings can be quickly and easily adjusted using the DVS Handheld Programmer.

The DVS Handheld Programmer and Programmable Sensor combination allows settings on the following DVS products to be adjusted;

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

FEATURES_

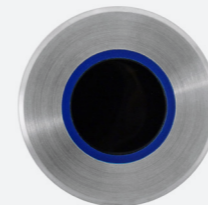
- Brushed 316 Stainless Steel 50mm bezel
- Available in Standard (no insert), Red insert & Blue insert versions



AC02-017



AC02-025



AC02-024

HANDHELD PROGRAMMER

The DVS Handheld Programmer allows quick and easy adjustment to many settings across the Programmable Sensor range.

The following list highlights a selection of settings that can be adjusted via the Handheld Programmer;

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



AC01-001



The above icon is to represent a product being "Programmable"

Where this icon is seen, this means the product settings can be adjusted via the DVS Handheld Programmer.

SITE REFERENCES

BAA - TERMINAL 5

BAA has set high standards for the washrooms at all their airports. Add to this the expectations of the UK's most prestigious building project, the design team for Heathrow Terminal 5 washrooms were tasked with achieving the optimum in sustainability, serviceability and aesthetics. Whilst DVS products have been used extensively throughout BAA airports for 25 years, the Terminal 5 design team wanted to ensure the products selected met all the criteria for the project and carefully investigated all options.

After a thorough review of washroom products from leading suppliers the washroom design team nominated DVS as the preferred supplier. There was a high level of confidence in the reliability of DVS products and the service support, which had been experienced over the past 25 years.

This was firmly confirmed by the BAA Engineering Leader on the team. DVS has built a reputation for flexibility and responding to customer requirements, and were ready to meet the expectations of the BAA design team who had a clear vision of what they wanted to achieve.

BAA obtained the exact specifications they required and for DVS the process not only secured the valued business but provided some of their next generation products. With an anticipated 35 million passengers a year passing through the terminal the products have to be of robust design, and marginal savings per operation become significant with such high usage.



■ Licensed Victuallers' School (LVS) - Ascot



Bathroom modules manufactured by Grant Westfield, installed by Wills Watson & Associates


























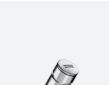


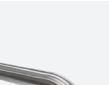
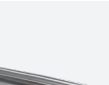
■ Heathrow - Terminal 5





■ Oxford University Museum of Natural History


PRODUCT LIST


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

 AT03-003 Aquarius DM A32 tap spout only in polish s/steel with PEX tails Page 3	 AT03-023 Aquarius DM A45 Doc M tap spout only in polish s/steel with PEX tails Page 3	 AT03-013 Aquarius DM A45 tap spout only in polish s/steel with PEX tails Page 3	 AT02-001 Aquarius WM straight tap spout only in s/steel 150mm with PEX tails Page 3	 AT02-011 Aquarius WM straight tap spout only in s/steel 200mm with PEX tails Page 3	 AT02-021 Aquarius WM straight tap spout only in s/steel 250mm with PEX tails Page 3
 AT03-041 Aquarius DM high neck tap spout only in s/steel with PEX tails Page 3	 AT03-031 Aquarius DM short neck tap spout only in s/steel with PEX tails Page 3	 AT01-001 Classic tap spout only in chrome with PEX tails Page 3	 AT01-011 Classic swan tap spout only in chrome with PEX tails Page 3	 AT03-061 Aquarius DM tall pillar tap in chrome spout only with PEX tails Page 3	 AT03-051 Aquarius short pillar tap in chrome spout only with PEX tails Page 3
 AT00-134 Unrestricted Anti-Microbial Tap Outlet Page 3	 AC17-047 Thermostatic mixing valve 4-in-1 15/22mm Page 3	 MT04-001 Aquaritherm™ Tap (Manual Version) Page 4	 AT04-001 Aquaritherm™ Tap (Automatic Version) Page 5	 AC06-002 Aquaritherm™ Service kit; filter cartridge, check valve and flow straightener Page 5	 AC06-001 Aquaritherm™ Service kit; thermostatic cartridge Page 5
 F5LM1001 FRANKE F5 single lever pillar mixer, with thermostatic protection (65mm outlet height) Page 6	 F5LM1002 FRANKE F5 single lever pillar mixer, with thermostatic protection (90mm outlet height) Page 6	 F5SV1001 FRANKE F5 self closing pillar tap for connection to pre-mixed hot and cold water Page 6	 F5SM1001 FRANKE F5 self closing pillar tap, adjustable temperature with turn proof temperature stop Page 6	 F3SV1002 FRANKE F3 self closing bib-tap for connection to pre-mixed hot and cold water Page 7	 MT00-030 Non-Concussive push tap, (55mm outlet height) Page 7
 F3SV1001 FRANKE F3 self closing pillar tap for connection to pre-mixed hot and cold water Page 7	 F3SM1001 FRANKE F3 self closing pillar tap, adjustable temperature with turn proof temperature stop Page 7	 F5LM1003 FRANKE F5 single lever pillar mixer, with thermostatic protection (90mm outlet height) Page 7	 F5LM1010 FRANKE F5 extended single lever pillar mixer, thermostatic protection (90mm outlet height) Page 7	 AT07-101 EZ-Spout™ healthcare 90° tap spout (includes spigot) Page 8	 AT07-103 EZ-Spout™ 60° tap spout (includes spigot) fitted with 5 LPM aerator Page 8

















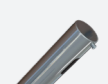








HEALTHCARE


















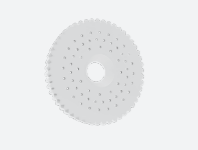
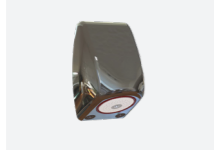











SAFE ENSUITE SOLUTIONS



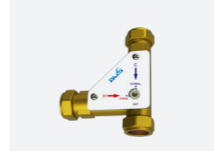













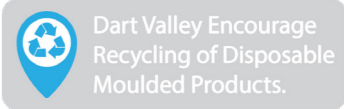

FOOD HYGIENE SOLUTIONS


WATER MANAGEMENT SOLUTIONS

For more of our products, and to see what else DVS can offer, see our other catalogues.

 AT07-104 EZ-Spout™ healthcare 60° tap spout (includes spigot) Page 8	 AT07-102 EZ-Spout™ 90° tap spout (includes spigot) fitted with 5 LPM aerator Page 8	 AT07-140 Medi-Spout™ 90° tap spout set (includes spigot) Open outlet Page 9	 AT07-105 Medi-Spout™ 90° tap spout (includes spigot) Open outlet (white version) Page 9	 DRYX500N DRYX hands-in hand dryer Page 10	 EXOS220X FRANKE EXOS Hand Dryer Page 10
 EXOS220W FRANKE EXOS Hand Dryer Page 10	 EXOS220B FRANKE EXOS Hand Dryer Page 10	 RODX310 FRANKE RODAN Hand Dryer Page 10	 STRX220 STRATOS hand dryer Page 10	 EXOS600X EXOS Paper towel holder s/steel complete coated Page 11	 EXOS637X EXOS Paper towel roll s/steel complete coated Page 11
 SD01-001 Automatic wall-mounted soap dispenser, chrome finish Page 11	 SD01-005 Automatic wall-mounted soap dispenser, nickel brushed finish Page 11	 SD01-002 Automatic swan soap dispenser, chrome finish Page 11	 SD01-012 Deck mounted, angled soap dispenser (brushed version) Page 11	 SD01-013 Deck mounted, angled soap dispenser (chromed version) Page 11	 SD01-003 Automatic pillar soap dispenser, chrome finish Page 11
 SD01-008 Automatic pillar soap dispenser, nickel brushed finish Page 11	 STANDARD HEIGHT Shower tower, please see page 12 for options and product codes Page 12	 CEILING HEIGHT Shower tower, please see page 12 for options and product codes Page 12	 CEILING HEIGHT Shower tower, please see page 12 for options and product codes Page 12	 SH01-020 DVS Shower Panel, single piece front cover, programmable operation Page 13	 SH01-019 DVS Shower Panel, front cover with shroud, programmable operation Page 13

 SH01-013 Dual Outlet shower with head and hose kit Page 14	 SH01-011 Shower tower (ceiling height) with head, rail and hose kit Page 15	 AQMX0008 Shower tower, please see page 16 for options and product codes Page 16	 AQCT0005 AQUACONTACT shower panel, s/s Page 17	 AQCT0006 AQUACONTACT shower panel with gel tray, s/s with InoxPlus Page 17	 AQCT0064 AQUACONTACT shower panel, s/s with thermostatic mixer Page 17
 AQCT0065 AQUACONTACT shower panel with gel tray, s/s with thermostatic mixer Page 17	 AT07-041 High security 30° tap spout, stainless steel, brushed Page 18	 AT07-040 High security 45° tap spout, stainless steel, brushed Page 18	 AT07-054 Deck mounted basin nozzle - 1/2" BSP Page 18	 AT07-059 Deck mounted bath spout - 1/2" BSP Page 18	 AT07-056 Deck mounted basin spout - 3/4" BSP Page 18
 AT07-092 Angled deck mounted basin spout - 1/2" BSP Page 18	 SH07-046 Ceiling mounted high security shower head Page 19	 SH07-040 Wall mounted 30° high security shower head Page 19	 SH07-090 Wall mounted ABS high security shower head Page 19	 SH07-091 Wall mounted 30° ABS high security shower head Page 19	
 SH00-060 One-Piece Anti-Microbial outlet (supplied in sets of 4) Page 19	 SH07-095 Anti-Microbial showerhead Page 20	 MS00-002 Medi-Shower™ Wall mounted ABS high security shower head Page 21	 MS00-001 Medi-Shower™ Wall mounted 30° ABS high security shower head Page 21	 SH07-075 Medi-Shower™ showerhead (outlet not included) Page 21	 SH07-076 Medi-Shower™ insert (x1) (colour supplied according to yearly quarter) Page 21
 SH07-077 Medi-Shower™ key (one supplied) Page 21	 SH00-011 / 012 / 013 Temperature blending valve adjuster for varied wall thicknesses Page 22	 F3SV2001 F3S Self-closing bib tap for pre-mixed hot water and cold water Page 22	 F3SV2002 F3S Self-closing straight way valve for pre-mixed hot water and cold water Page 22	 F3SV2003 F3S Self-closing wm straight way valve for pre-mixed hot water and cold water Page 22	 F3SV2005 F3S Self-closing in wall straight way valve for pre-mixed hot water and cold water Page 22

 F5SM2004 F5S Self-closing in wall single mixer; Start + temperature selection Page 22	 F5ST2004 F5S Self-closing thermostatic mixer with option for water hygiene flushing function Page 22	 AC17-080 TDV for use with taps, shower heads and other tmv fitted washroom equipment Page 23	 AT07-001 Tap control system for 1 or 2 taps (Control box only) Page 24	 SH07-020 Bath control system for use with bath filling plate (Control box only) Page 24	 SH07-001 Shower control system for 1 or 2 showers (Control box only) Page 24
 VR07-020 Multi-Channel control system Page 25	 WC00-155 DVS Power Pack Page 25	 AC02-041 Wave-On Sensor 50mm (Hot) Page 25	 AC02-040 Wave-On Sensor 50mm (Cold) Page 25	 AC02-047 Tactile Switch 50mm (Hot) Page 25	 AC02-046 Tactile Switch 50mm (Cold) Page 25
 AC01-001 Handheld programmer (to adjust tap, urinal, shower, bath & wc settings) Page 27	 AC02-017 Wall-mounted brushed s/steel programmable tap sensor Page 27	 AC02-025 Wall-mounted brushed s/steel programmable tap sensor (red insert - hot) Page 27	 AC02-024 Wall-mounted brushed s/steel programmable tap sensor (blue insert - cold) Page 27		

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

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