DELABIE | DVS
Mental Health

Mental health solutions

Contents

MADE IN UK

DELABIE-DVS

Over 235 years of washroom expertise and knowledge

Specialising in water saving technology for commercial washrooms, KWC DVS Ltd. has been producing leading automatic washroom technology for 40 years. KWC DVS is a market leader in the field of water-saving products along with automatic washroom products for specialist applications, including healthcare, mental healthcare, high-security and the public sector.

Alongside our extensive product portfolio, an expert team of engineers are on hand to support installations, whilst our technical sales teams give tailored project support and specification advice.

KWC DVS is proud to be part of a global group that manufactures products that have been used in commercial environments for many years.

The KWC brand brings together a collection of international expertise, which forms KWC Group. We unite our global washroom divisions under the KWC brand.

Together, we have been developing and improving our products and expertise for decades, in some cases more than a century. This is what makes us trusted suppliers for major projects worldwide.

KWC DVS Northern Office, Chesterfield, UK

KWC DVS Southern Office, Paignton, UK

Newcastle Joinery Limited

A new chapter for NJL joining the DELABIE-DVS family

In December 2024, DELABIE-DVS acquired Newcastle Joinery Limited (NJL), a trusted leader in high-security furniture, shower pods, and video conferencing booths. This acquisition strengthens our dedication to delivering high-quality solutions for challenging environments, including high-security, healthcare, and mental health facilities.

We now offer a uniquely enhanced product portfolio by combining NJL's expertise in durable high-security furniture with DELABIE-DVS's innovative washroom systems. Together, we are committed to addressing the complex demands of high-security environments with robust, functional, and reliable solutions.

From safer cell furniture to in-cell shower pods and video conferencing booths, our high-security solutions have never been more comprehensive. Paired with our advanced ligature-resistant sanitaryware, we provide a robust and secure environment designed to meet the highest standards of safety and durability.

Newcastle Joinery Ltd
A **KWC DVS** COMPANY

Leading the way in infection prevention

INFORM Control

INFORM Control allows you to understand the behaviour of your water system, remotely implement changes and see the impact in real-time, from anywhere in the world.

A range of products that provide unrivalled wireless, remote control. INFORM Control can remotely monitor, disinfect and verify multiple events including remote wireless control of valves, remote or on-site programming, quantifying valve operations, timed & dynamic hygiene purges, identification of infrequently used outlets, monitor temperatures, thermal disinfections & cold-water isolation checks on TMVs.

With a selection of user-friendly, configurable alarms which can be set to alert when required temperature or usage profiles are not met, thus aiding compliance. All in one user-friendly online platform.

INFORM Monitor

Monitor water temperatures to ensure a greater understanding of your water systems behaviour and be alerted when operating outside the required parameters. This smart digital solution provides detailed, exportable data for current and historical periods. Discover trends and the impact of operational changes or remedial works. Identification of high-performing areas can allow replication and improvement across your water system.

INFORM Monitor's data empowers confident decisions with clear evidence, replacing guesswork and assumptions. With a selection of user-friendly, configurable alarms which can be set to alert when required temperature profiles are not met, thereby aiding compliance. Prioritise areas of greatest need and maximise efficiency. Easy to use online platform packed with features.

INFORM Outlet

INFORM Outlet has been developed to accurately measure the water temperature as close as possible to the point of discharge. INFORM Outlet taps & spouts feature an in-built anti-microbial outlet and intelligent thermistors which connect directly to the INFORM platform. The range includes taps, spouts, shower towers, vanity units & ligature resistant basins. When combined with the INFORM Monitor device, INFORM Outlet provides the most accurate, remote monitoring solution.

INFORM Custodial

Designed to overcome the specific control challenges of high security facilities, providing a safer environment for prisoners, patients and staff alike.

INFORM Custodial is a networked system that gives the option to control water or when required power, light and water in individual or multiple rooms. Options include the ability to effortlessly oversee individual rooms or exercise centralised control over an entire section, all with just a few clicks.

When used in combination with our industry leading ligature resistant sanitaryware, we can offer a complete, intelligent solution for the most demanding of environments.

DELABIE-DVS

A lifetime of reasons to choose a DELABIE-DVS After-sales package

Nationwide Technical Support with DELABIE-DVS

At DELABIE-DVS, we're more than just a manufacturer—we offer comprehensive, nationwide service and support with a fully trained, certified team ready to meet your needs across the UK. Our DELABIE-DVS engineers are City & Guilds certified washroom product specialists and undergo rigorous Health and Safety training to deliver top-quality service.

Our Paignton Head Office houses an industry-leading after-sales team dedicated to providing seamless support to make maintenance and management as straightforward as possible.

Commissioning – 5-Year On-Site Warranty upgrade

For those handling their own installation but wanting assurance of a compliant, efficient setup, our Commissioning Package is an ideal choice. Our experts ensure all product settings are optimised to meet your washroom's specific demands, giving you the confidence that everything is perfectly in place.

With our commissioning, your products receive an enhanced warranty, upgrading the standard 5-year warranty to a full on-site warranty for added peace of mind.

Our engineers are on hand to provide support and comission your products

Sign up to a service plan and protect your products with an industry leading lifetime warranty.

Installation – 5 Year on-site warranty upgrade

Guarantee it's done right and choose installation by our installation experts. With the added peace of mind we'll provide an on-site warranty for 5 years for any parts we have installed or commissioned.

Our installation team operate nationwide and have extensive experience across a number of sectors including transport, healthcare, mental healthcare, high-security and retail.

Servicing – Lifetime warranty upgrade

Investing in our annual service package is the best way to protect the longevity and performance of your washroom water controls. With regular maintenance and parts replacement, we ensure that your controls are operating with optimum water efficiency, minimising waste and maximising performance. By maintaining a live service package, you can enjoy the peace of mind that comes with a lifetime warranty for all eligible products. Trust us to keep your washroom water controls in top condition for years to come.

Contact our After-sales team now to discuss your package options: kwcdvstechsupport@kwc.com | +44 (0)1803 529021

DELABIE-DVS

The experts in high-security installations

NJL specialises in the design, manufacture, and installation of bespoke furniture, in-cell shower pods, and sanitaryware for high-security environments, ensuring security, durability, and compliance with strict industry standards. From initial concept through to final installation, we collaborate closely with clients to develop solutions tailored to the unique demands of secure facilities, including high-security, police stations, and mental health units.

Our installation team is fully equipped to handle on-site assembly and fitting of all our products, ensuring a seamless and efficient process. We oversee the complete installation of shower pods, including structural assembly, integration of plumbing and drainage systems, and sealing to prevent water ingress, ensuring they are fully operational and

tamper-resistant. For high-security furniture, our specialists handle secure mounting, alignment, and anchoring to eliminate potential ligature points and ensure long-term durability.

With expert engineers and skilled installers, we guarantee that every product is fitted to the highest standards, prioritising safety, functionality, and longevity. Whether it's ligature-resistant furniture, secure sanitaryware, or fully integrated in-cell shower pods, NJL provides comprehensive solutions designed for maximum security and occupant well-being.

Our installation team consists of fully vetted and approved engineers with extensive experience working within high-security environments. All our engineers undergo rigorous security checks and are authorised to enter high-security, police custody suites, and secure mental health facilities, ensuring full compliance with security protocols.

With years of experience in these specialised environments, our team understands the unique challenges of secure installations. Whether assembling in-cell shower pods, fitting ligature-resistant furniture, or installing sanitaryware, we work efficiently and professionally to minimise disruption while ensuring all products are securely mounted, tamper-proof, and built to last.

Stainless steel & GRP - High-quality materials for the most demanding environments

Stainless steel

Washroom products crafted from high-quality stainless steel are the ideal choice for durability, hygiene, and ease of maintenance. Designed to inhibit vandalism and withstand heavy use, stainless steel fixtures are exceptionally easy to clean, helping building operators keep service and maintenance costs low.

With natural resistance to moisture, most acids, and extreme temperatures, stainless steel stands out for its strength and hygienic properties—qualities that make it especially suited for demanding environments like hospitals and food processing plants. The smooth, pore-free surface allows dirt and oils to be easily washed away without the need for harsh cleaning chemicals, making routine maintenance simple and environmentally friendly.

At its core, stainless steel is a low-carbon steel containing at least 10.5% chromium and no more than 1.2% carbon. This unique composition creates a self-regenerating layer that shields the material from corrosion, ensuring long-lasting performance superior to that of unalloyed steel. Chromium is the key to stainless steel's rust-resistant

properties, allowing it to age gracefully without deteriorating. KWC uses steel with a higher chromium content and added nickel alloy in its sanitary products, further boosting resistance to corrosion and ensuring durability. For washrooms that endure daily wear and demand high standards of hygiene, stainless steel is the ultimate choice.

Stainless steel surface overview

The stainless steel used in our products, Material Number 1.4301 (AISI 304), adheres to DIN EN 10088 standards, ensuring top quality and durability. With a composition of 18% chromium and 10% nickel, AISI 304 stainless steel offers outstanding corrosion resistance, strength, and longevity, making it ideal for high-use environments.

Beyond its durability, stainless steel is also 100% recyclable, contributing to sustainable manufacturing and reducing environmental impact.

Glass-reinforced polyester - MOJ approved for the most demanding of environments

Our glass-reinforced polyester (GRP) is a high-impact and corrosion-resistant composite material. Our expertise in working with GRP in the Mental Health and High-security sectors spans many decades. Our expert UK-based team is able to produce safe, ligature-resistant products that best meet the needs of the client and associated regulatory bodies in these fields. Our products have been tried and tested by the NHS, MOJ, and MOD in the toughest of environments.

Although lightweight and easy to mount on existing structures, GRP is also highly robust. The production technique used to manufacture GRP is similar to that used to produce ballistic armour. Our GRP products are finished with a thick white gelcoat, which makes them highly durable and provides a modern finish. GRP is also fire retardant, making it ideal for high-security or correctional facilities.

GRP is well suited when designing load-bearing products such as sanitaryware because its high-strength properties can fulfil the requirements for this application. GRP also allows for less material to be used than other structural materials. These properties make GRP ideal for high-security environments, ensuring LIGATURE-RESISTANCE and long-lasting product life.

Our GRP products have been meticulously crafted for the most stringent, high-security environments. Designed with an unwavering focus on safety, they stand as a testament to our commitment to providing safety within mental health and high-security environments.

NJL

Safe materials for safer cells

NJL offers a comprehensive range of safer cell furniture, expertly crafted from the highest quality materials. Designed for maximum durability and security, our solutions ensure both robustness and longevity while prioritising the safety of every user.

Our **Castlesafe** safer cell furniture is engineered to meet the Ministry of Justice Safer Cell Standard, featuring a galvanized steel support framework enclosed with solid surface material for superior strength. Every piece is mechanically secured to both the floor and wall, providing an added layer of safety and security in high-risk environments.

Crafted from high-quality, fire-rated compact grade laminate, our **CastleGrade** high-security furniture is built to withstand the toughest environments—where standard furniture falls short.

Designed for both durability and safety, each piece features a ligature-resistant construction with all security fixings discreetly concealed. Available in a variety of colours and finishes, the CastleGrade range includes beds, lockers, desks, and privacy screens, offering both strength and functionality without compromising on quality.

Our **CastleBoard** cell furniture is crafted from 25mm thick fire-rated, melamine-faced MDF, ensuring exceptional durability and safety in high-security environments. The fire-rated composition enhances protection, while chamfered edges provide a smooth, impact-resistant finish.

To maximise longevity, all visible edges can be sealed and coated with two layers of protective lacquer, creating a hard-wearing surface that resists damage. Non-pick mastic sealing at wall and floor junctions further enhances security and hygiene, making CastleBoard the superior choice for demanding environments.

Crafted to meet the Ministry of Justice (MOJ) technical standard specification, our **Lambeth** cell benches are the benchmark for durability and security in police cells nationwide.

Each bench features a solid surface bench top, seamlessly bonded to two layers of 24mm birch plywood, creating a robust 61mm thick structure. The concealed 45-degree built-up front nosing enhances strength while maintaining a sleek, tamper-resistant design.

Supported by a red-oxide powder-coated mild steel framework, the bench also incorporates a single stainless-steel side panel, with precision-engineered perforations (2mm holes at 4mm centres) to facilitate ventilation when required. Backed by a 10-year limited warranty, the Lambeth range offers uncompromising quality, built to withstand the toughest environments.

MOJ
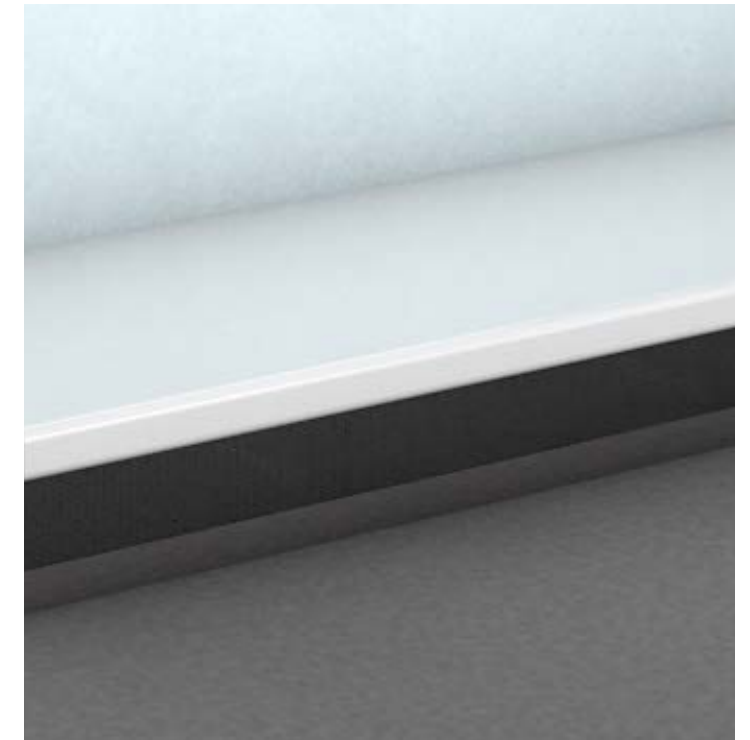
Safer Cell approved products

The Importance of Safer Cell Design

Safer Cells play a crucial role in reducing the risk of impulsive self-harm and suicide within high-security environments. Designed to support a more secure and controlled regime, they help create a safer space for both individuals in custody and staff.

However, while these environments are engineered to minimise risks, they are not a substitute for ongoing vigilance and care. Safer Cell design focuses on reducing opportunities for harm while allowing for effective supervision, reinforcing the need for a balanced approach to safety and security.

Safer Cell furniture consists of:

- 1 Single Bed
- 1 Desk Unit
- 1 Wardrobe Unit
- 1 Privacy Screen
- 1 Safer Mirror
- 1 Safer Seat 1 Safer Mattress

Ensuring Safety Through Thoughtful Design

Every element of safer cell furniture is carefully designed to eliminate potential risks, ensuring a secure environment for individuals in custody.

All components must be free from grooves, gaps, or exposed fixings that could serve as ligature points. A 0.8mm fishing line test is used to check for any snagging, with any remaining gaps sealed using hard-setting mastic as specified in the Safer Cell Framework Agreement.

Seamless surfaces and concealed fixings enhance both safety and durability, while materials undergo rigorous testing for fire resistance, hygiene, and resilience against physical abuse. Certified compliance with the Safer Furniture Framework Agreement ensures all installations meet the highest safety standards.

Additionally, approved accessories such as designated mattresses and safer seats can be procured through central framework agreements, maintaining consistency in quality, security, and durability.

Safer Cell Approved

A selection of our GRP sanitaryware – including washbasins and WCs – are fully approved for use in Safer Cell environments. Manufactured to meet Ministry of Justice specifications, each item is designed to minimise ligature risks, withstand vandalism, and promote hygiene in the most demanding custodial and mental health settings. The robust, seamless construction of our GRP range ensures long-term durability and safety, offering complete peace of mind for specifiers and operators alike.

A range of our secure furniture is fully Safer Cell approved, meeting the rigorous standards required for high-security and mental health environments. Each item is designed to minimise ligature risks and prevent concealment, while maintaining durability and functionality. Independently tested and approved, our furniture supports safe, secure living spaces without compromising on comfort or design.

Additional design considerations

Sanitaryware

WCs, washbasins, and accessories must be from approved suppliers. All fixtures are anti-ligature with recessed or flush nozzles and buttons.

Windows

Must provide adequate natural light and ventilation.Ventilation can be enhanced with Safer Custody–approved wall grilles. Vent controls must be DDA-compliant and follow PSO 1900 guidance.

Doors

All single cells require standard anti-barricade doors. Fitted with anti-ligature nylon strips and removable clamp bars. Privacy locks must be shrouded using approved anti-ligature covers.

Lighting

Options include cornice-mounted lights with integrated trunking. Or centrally mounted polycarbonate fittings.
All fittings must be selected from an approved supplier list.

Heating & Ventilation

Heating pipes should be encased in 2mm steel anti-ligature casing. Supplementary flat radiant heating panels recommended. Ventilation levels must comply with PSO 1900 standards.

Power & Sockets

All electrical points must be stainless steel and tamper-proof. Units should be flush-mounted and secured with security screws.

Finishes

Calm, normalised environment through coordinated colour schemes. Floors in 2.5mm linoleum or welded vinyl, sealed with hard-setting mastic. Painted wall skirtings with preferred palettes available from PSG Senior Building Manager.

High-security solutions

Fire-resistance and robustness testing

Fire Safety Testing for High-security -Approved Materials

To ensure the highest level of fire-resistance and durability, materials used in secure environments such as high-security undergo rigorous testing. These tests assess the ability of materials to withstand physical damage, exposure to extreme heat, and prolonged contact with moisture.

Fire-Resistance Testing (BS 476 & EN 13501-1)
Products that are exposed to direct flames have to be assessed for their ignition-resistance, flame spread, and heat release rate. They are classified based on their reaction to fire, with ratings indicating how long they can withstand fire before failing. KWC DVS sanitaryware is Class 2 approved.

Durability & Tamper Resistance Tests
Products undergo impact, cutting, and stress tests to ensure they remain fire-resistant even under deliberate damage or tampering. All high-security safe products must pass these rigorous tests before being approved for use, ensuring maximum safety in high-risk environments.

Our GRP WCs, washbasins, and accessories are rigorously tested to meet the attack-resistance standards required for safer cell accommodation. Designed for durability and security, they comply with the BMA/MoJ testing process for the robustness of sanitaryware, ensuring maximum resilience in high-security environments.
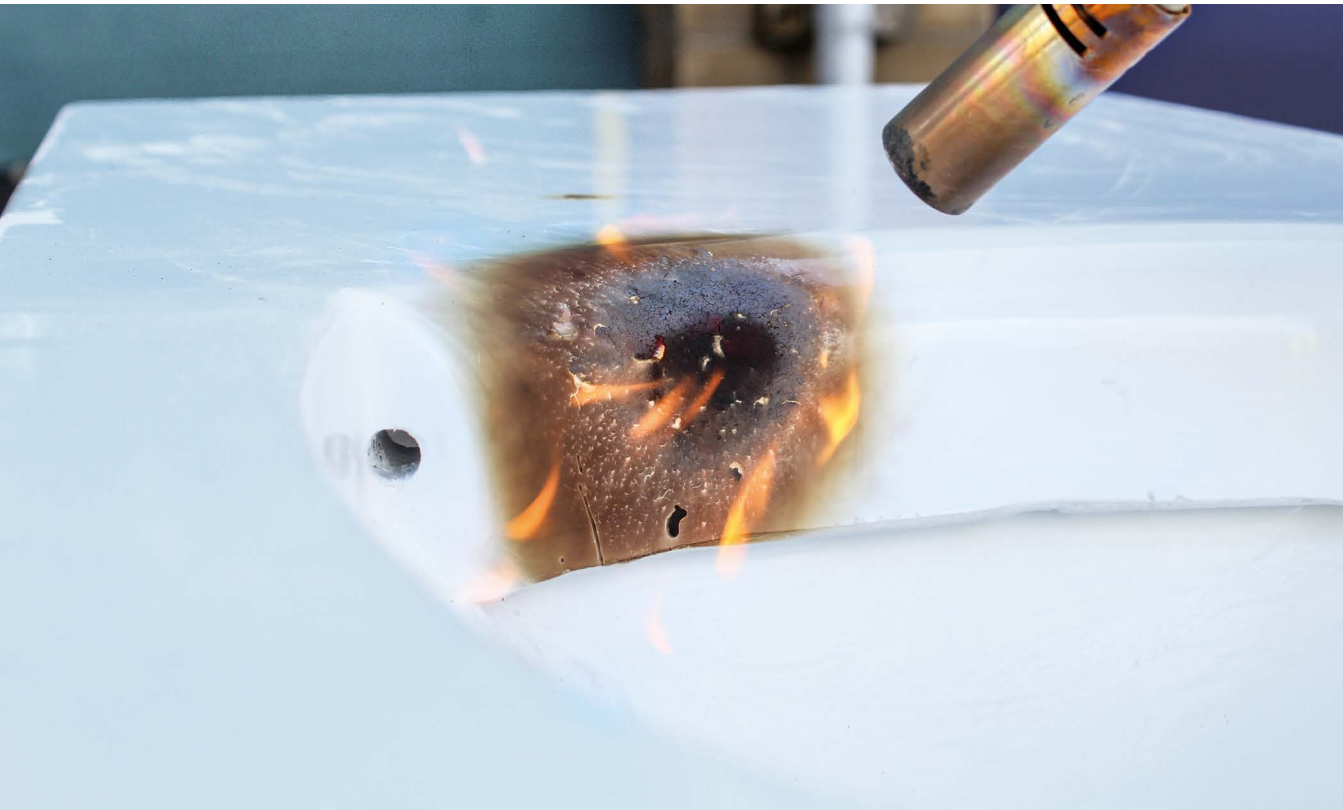
Testing methods

Blow Lamp Test
Purpose: Assesses fire-resistance and self-extinguishing properties. Method: A table-mounted blow lamp directs its flame at the material for 5 minutes. Upon removal, the material must self-extinguish within 15 seconds.

Cigarette Burn Test (BS ISO 19712-3)
Purpose: Determines the material's reaction to prolonged heat exposure from a smoldering cigarette. Method: A lit cigarette is placed in full contact with the material for 5 minutes. Any burning must self-extinguish within 15 seconds.

All high-security safe products must pass these rigorous tests before being approved for use, ensuring maximum safety in high-risk environments. Our products are all tested and approved to these standards.

High-security solutions

Sanitation ducts

Manufactured to meet the rigorous standards of an MOJ Safer Cell, this stainless steel duct system offers both durability and security. Built with a marine-grade stainless steel frame and 3mm thick stainless steel facing, it is available primed for on-site decoration or powder-coated in any standard RAL colour. Its paintable surface makes it ideal for ongoing cell maintenance.

Designed with ligature-resistant features, the duct has no visible fixings and includes removable access panels secured with tamper-proof countersunk bolts. Each unit is tailored to the specific cell layout, with precise access panel configurations and sanitaryware plumbing cut-outs. To ensure a secure and hygienic finish, all wall and floor junctions are sealed with hard-setting epoxy non-pick mastic.

SANITATION DUCT LOW & HIGH LEVEL - RESIN

Manufactured to meet the objectives and standards of a MOJ Safer Cell. A marine grade stainless steel or galvanised steel frame, finished with a mould and water-resilient substrate and solid surface resin material. When the surface is in contact with natural or artificial light its active properties allow air purification, elimination of harmful bacteria and ensures easy cleaning.

Fire-resistant and ligature-resilient design with removable access panels using security-headed countersunk bolts. The dimensions and configuration of access panels are made to suit the specific requirements of a cell layout. Can be scribed to an uneven wall or floor surface without the need for skirting. All wall and floor junctions should be sealed with hard-setting epoxy non-pick mastic.

SANITATION DUCT LOW & HIGH LEVEL - STAINLESS STEEL

Manufactured to meet the objectives and standards of a MOJ Safer Cell. A marine grade stainless steel frame finished with matching 3mm thick stainless steel facing and supplied either primed ready to receive decoration, or powder coated to any standard RAL colour.

This duct is popular as it has the ability to be painted as part of a cell maintenance regime. The duct is ligature-resilient in design with no visible fixings and incorporates removable access panels using security-headed countersunk bolts. The dimensions, configuration of access panels and sanitaryware plumbing cut-outs are made to suit the specific requirements of a cell layout. All wall and floor junctions should be sealed with hard-setting epoxy non-pick mastic.

High-security solutions

Ligature-resistant design highlights

In-cell shower pods

Engineered with a ligature-resistant design, each shower pod features smooth, rounded corners and seamless construction to eliminate potential ligature points and prevent concealment of contraband.

Manufactured from highly durable, impact-resistant materials, these pods withstand physical abuse while maintaining a clean and low-maintenance surface.

Built to meet strict high-security safety standards, our in-cell shower pods offer a robust and practical approach to secure hygiene facilities, reducing risk while promoting dignity and well-being.

Furtniture corners

Our range of high-security furniture is specifically designed to enhance safety in secure environments, offering ligature-resistant solutions for high-risk settings. From beds and desks to shelving, each piece is constructed with smooth, rounded edges and seamless surfaces, eliminating potential ligature points and reducing the risk of self-harm.

Manufactured from highly durable, impact-resistant materials, our furniture withstands intensive use while maintaining a tamper-proof and low-maintenance design.

Each item is designed to be functional and practical, promoting a normalised, calming environment while adhering to Safer Cell standards. Whether it's a secure bed, a fixed desk, or integrated storage solutions, our furniture combines strength, safety, and simplicity to create secure, compliant spaces that prioritise well-being.

Ligature-reisstant sanitaryware

Our ligature-resistant GRP (Glass Reinforced Polyester) sanitaryware is designed to provide maximum safety and durability in high-risk high-security and mental health environments. From WCs and showers to washbasins and accessories, each product is engineered with smooth, rounded edges and seamless surfaces to eliminate potential ligature points and reduce the risk of self-harm.

The heavy-duty, impact-resistant GRP construction ensures long-term performance, resisting vandalism and tampering while maintaining easy-to-clean, hygienic surfaces. Our sanitaryware is also designed for efficient water management, integrating anti-ligature flush controls and tamper-proof fittings to meet the highest standards within high-security environments.

Corner fit WC

Corner-fit GRP (Glass Reinforced Polyester) WCs are specifically designed for high-security and high-security environments, offering a safer and more secure solution compared to traditional installations.

Our corner fit WCs eliminate ligature points by fitting flush into the corner with no exposed gaps. Their seamless, tamper-resistant design prevents concealment, enhances hygiene, and ensures durability. Made from robust, vandal-resistant GRP, they meet safer custody standards, making them ideal for high-security s, police cells, and secure mental health units.

Ligature resistant wastes

Ligature-resistant washbasin wastes are designed to enhance safety in high-security environments by eliminating potential ligature points.

Featuring a flush, tamper-proof design, they prevent misuse while ensuring effective drainage. Manufactured from durable, vandal-resistant materials, they provide a secure and hygienic solution for high-security s and high-security settings.

KWC DVS

UK project references

Refurbishment at the Bennion centre, Glenfield Hospital

As part of efforts to enhance patient safety and comfort, The Bennion Centre at Glenfield Hospital in Leicester sought to upgrade the washroom facilities within the Welford Ward. Catering to patients with functional illnesses, the centre works closely with community intensive teams, mental health professionals, and outreach services for older individuals with functional and organic mental health conditions. KWC DVS played a key role in the refurbishment by supplying its Safe

Ensuite range, designed for high-security, ligature-resistant environments. The sanitaryware, basins, and accessories—crafted from durable Glass Reinforced Polyester (GRP)—offer a cost-effective, shatterproof, and vandal-resistant solution. Finished with a high-grade polyester gelcoat, the fixtures not only ensure safety but also create a more familiar and therapeutic atmosphere, supporting the well-being of patients during their inpatient stay.

Installation of 96 In-Cell Shower Pods in a High-Security

NJL was commissioned to design, manufacture, and install 96 in-cell shower pods in a high-security . This project aimed to enhance inmate privacy, improve hygiene standards, and ensure safety through the use of ligature-resistant GRP sanitaryware and accessories. The installation was part of a wider refurbishment plan, with a focus on durability, security, and ease of maintenance.

Working closely with high-security officials, our design team developed a bespoke in-cell shower solution tailored to the high-security 's specific needs. The shower pods featured a range of GRP sanitaryware, and each unit was equipped with ligature-resistant WCs, washbasins, and accessories, ensuring the highest level of safety for both inmates and staff.

Our installation team, all fully vetted and experienced in working within high-security environments, carried out the on-site assembly with precision. Each shower pod was securely delivered and installed with careful attention to detail, ensuring a tamper-proof fit. Plumbing and drainage systems were integrated seamlessly, and all units were sealed in accordance with strict safety regulations. Throughout the process, we worked efficiently to complete the installation with minimal disruption to the high-security daily operations.

KWC DVS

International project references

Yatala prison

The $149 million redevelopment of Yatala Prison represents a significant milestone in enhancing South Australia's public prison infrastructure. This initiative not only strengthens security but also supports efforts to reduce reoffending rates through improved facilities and systems.

KWC DVS contributed to the success of this project by supplying and installing a range of high-security, ligature-resistant washroom products tailored to the needs of the facility. The installation included 138 high-security ligature-resistant toilets, 4 high-security WC pans for less-abled individuals with grey tops, 140 high-security high-sided integrated basins, and 2 high-security single spout integrated basins, excluding sensors.

All products supplied by KWC DVS are part of our GRP high-security range, specifically designed for demanding environments. Manufactured using specialist mould tools and finished with thick gelcoat layers, the products are hygienic, durable, and robust. Their fire-retardant properties make them especially suited for correctional facilities, ensuring safety, security, and long-lasting performance.

Cherry Creek

A new youth centre is currently under development west of Werribee, in the Cherry Creek area. As part of the project, KWC DVS supplied high-security sanitaryware from the Safe Ensuite range, ensuring durability, safety, and compliance with the required standards.

The Safe Ensuite range is crafted from Glass Reinforced Polyester (GRP), a single-skin composite material reinforced with three different weaves of glass fibre. This construction provides exceptional internal structural integrity, bonded together with polyester resin for superior strength and resilience. GRP is virtually unbreakable, making it an ideal solution for high-security and correctional facilities.

For this project, KWC DVS supplied 178 high-security ligature-resistant WCs and 37 high-security WC pans for less-abled users with grey tops. The new facility, developed by the Community Safety Building Authority, aims to enhance community safety while supporting the government's commitment to modernising Victoria's Youth Justice system. The centre will include accommodation for remand and sentenced young offenders, along with dedicated mental health and intervention units.

High-security WCs

KWC DVS range of stainless steel and GRP WCs have been designed to transform your washroom experience. Crafted with precision and built to last, our stainless steel and GRP WCs combine aesthetic appeal with unparalleled durability.

Complete your washroom with our range of touch-free WC flush valves. Designed to revolutionise the washroom experience, our flush valve kits and programmable sensors offer a multitude of benefits that elevate hygiene standards, provide unparalleled convenience and promote sustainability.

GRP WCs - Customise your options

CHOOSE YOUR PAN STYLE

CUSTOMISE YOUR RIM COLOUR

RAL1000 RAL1002 RAL1004 RAL1015 RAL2004 RAL3003

RAL5005 RAL5012 RAL6029 RAL7016 RAL7040 RAL9005

ANY RAL COLOUR IS POSSIBLE

FLOOR STANDING AND WALL MOUNTED OPTIONS AVAILABLE

FLUSHING

COMPLETE YOUR WC SET UP WITH FLUSHING OPTIONS AND CONTROLS

VARIOUS FIT OPTIONS AVAILABLE

- EXTENDED PANS AND GRP SPACER BOXES FOR FLEXIBILITY
- LEFT AND RIGHT HAND OPTIONS
- EASILY RETROFIT INTO ANY SPACE

1. Choose your pan type

Configure the ideal WC pan for your high-security environment from our versatile range, which includes standard back-to-wall pans, accessible pans, and wall-mounted options, all tailored to meet the unique needs of your project.

Designed for both new builds and refurbishments, our collection offers corner-fit and closed-fit pans, ensuring maximum space efficiency while maintaining durability and ease of maintenance in demanding high-security settings.

2. Customise pan rim colour

Our WC pans are available in classic white as standard, offering a clean and timeless look. We also provide the option to customise the rim of our GRP WC pans to perfectly match your unique requirements.

Choose from any RAL colour to create a tailored design that compliments your space while maintaining the durability and functionality expected of our high-security products.

3. Configure to your space

Our WC pans are ideal for both new builds and refurbishment projects, providing versatile and adaptable solutions for any space.

With extended, left, right and corner-fit options, our pans ensure a seamless installation that meets various layout and design requirements while maintaining durability and security.

4. Infill

Our GRP pans are designed for flexibility, offering left, right, or dual infill options, as well as spacer boxes to ensure a perfect fit for any space.

These customisable solutions allow for seamless integration into various layouts, maintaining a secure and hygienic installation. Choose the ideal infill configuration to meet your specific requirements.

5. Mounting

Choose from durable floor-standing or space-saving wall-mounted GRP WC pans, expertly designed to meet the specific requirements of your project while ensuring maximum strength, security, and ease of maintenance.

Our GRP WC pans are built to withstand heavy use while providing a hygienic, low-maintenance solution, making them ideal for both new-build and refurbishment projects in high-security and high-security settings.

6. Flushing

Complete your WC setup with a range of high-quality flushing options. Choose from durable tactile switches or touch-free programmable flush valves, designed to enhance hygiene, reduce water consumption, and improve ease of use. Our solutions ensure reliable performance while minimising maintenance requirements.

Pair with a compatible cistern, providing a complete, efficient solution suited to both new builds and refurbishment projects.

Ligature-resistant GRP WCs
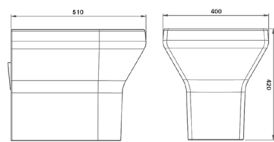
BACK TO WALL WC PAN
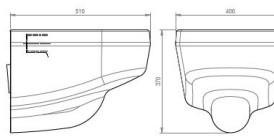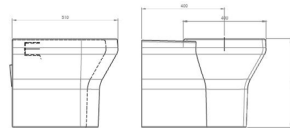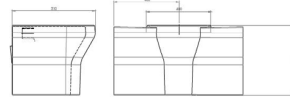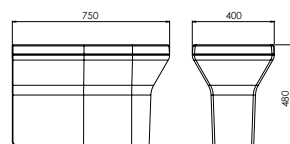
High-security WC pan, manufactured from GRP ligature-resistant composite material. Designed and tested to be vandal-resistant and avoid ligature points wherever possible. The techniques employed to construct these pans are used very successfully in the field of ballistic armour manufacturing, this results in unrivalled impact-resistance . A high-grade non-porous polyester gelcoat surface specially formulated to resist chemicals and ultraviolet rays comes as standard.

Dimensions: 400 x 420 x 510mm

|	
VR01-010	White WC pan
VR01-034	Blue top WC pan
VR01-071	Grey top WC pan
SP18-035	Painting of WC pan seat - non-standard colour
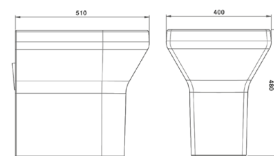
ACCESSIBLE WC PAN

High-security accessible WC pan, manufactured from GRP ligature-resistant composite material. Designed and tested to be vandal-resistant 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 gelcoat surface specially formulated to resist chemicals and ultraviolet rays comes as standard.

Dimensions: 400 x 480 x 510mm

VR01-011	White WC pan
VR01-035	Blue top WC pan
VR01-072	Grey top WC pan
Complimentary accessories:	
VR01-119	WC spacer box
SP18-035	Painting of WC pan seat - non-standard colour

WALL HUNG WC PAN

High-security WC pan, manufactured from GRP ligature-resistant composite material. Designed and tested to be vandal-resistant 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 gelcoat surface specially formulated to resist chemicals and ultraviolet rays comes as standard.

Fixing kit for walls up to 250mm provided as standard
Dimensions: 400 x 370 x 510mm

VR01-017	White WC pan wall hung
VR01-036	Blue WC pan wall hung
VR01-073	Grey WC pan wall hung
Complimentary accessories:	
SP18-035	Painting of WC pan seat - non-standard colour

CORNER FIT WC PAN

Corner fit high-security WC pan, manufactured from GRP ligature-resistant composite material. Designed and tested to be vandal-resistant 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 gelcoat surface specially formulated to resist chemicals and ultraviolet rays comes as standard.

Dimensions: 600 x 420 x 510mm

VR01-013	WC pan left-hand corner fit
VR01-014	WC pan right-hand corner fit
Complimentary accessories:	
SP18-035	Painting of WC pan seat - non-standard colour

ENCLOSED FIT WC PAN

Enclosed fit high-security WC pan, manufactured from GRP ligature-resistant composite material. Designed and tested to be vandal-resistant 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 gelcoat surface specially formulated to resist chemicals and ultraviolet rays comes as standard.

Dimensions: 800 x 420 x 510mm

VR01-046	WC pan enclosed fit
Complimentary accessories:	
SP18-035	Painting of WC pan seat - non-standard colour

GRP ACCESSIBLE EXTENDED WC PAN

Extended accessible WC pan, manufactured from GRP ligature-resistant composite material. Designed and tested to be vandal-resistant 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 gelcoat surface specially formulated to resist chemicals and ultraviolet rays comes as standard.

Dimensions: 400 x 480 x 750mm

|	
VR01-100	Accessible extended WC pan - white
VR01-101	Accessible extended WC pan - blue
VR01-102	Accessible extended WC pan - grey

Stainless steel WCs
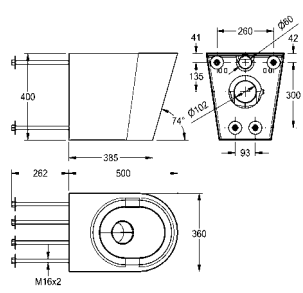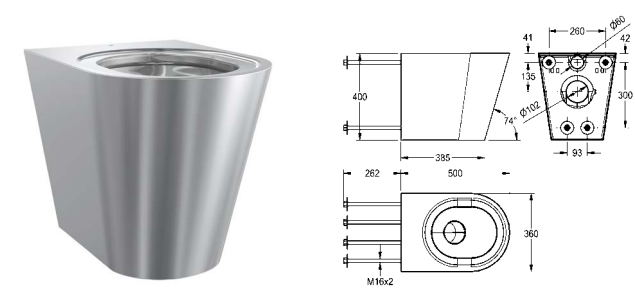
HEAVY DUTY FLOOR STANDING WC

Campus Wall hung WC pan for fitting through duct wall, manufactured from grade 1.4301 (304) stainless steel, material thickness 1,5mm for the pan and shroud - satin polish finish. The WC incorporates a stainless steel P trap 102mm o/d. A separate mounting plate and 4 bolts are provided for mounting the WC through a duct wall. The Campus WC has a pressed seating area that does not require a separate seat in vandal prone installations. However, a seat and lid can be fitted. Approval: Complies with BS EN 997 for 4.5 litre flushing. Also complies with the Australian and German test standards.

Without seat and lid
Dimensions 360 x 400 x 500 mm (W x H x D)

HDTX597
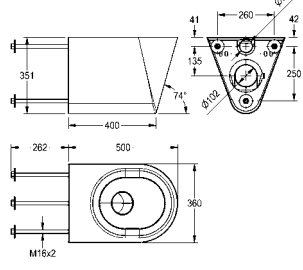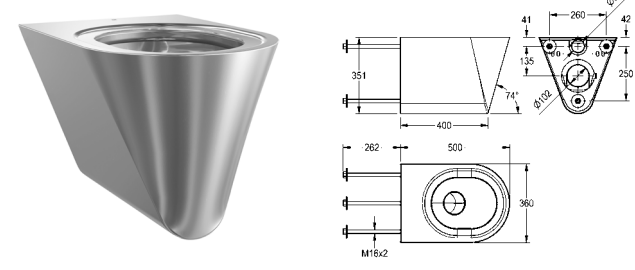
HEAVY DUTY WALL HUNG WC

Wall hung WC pan, hidden mounting with stainless steel rods through wall, fixing and service via maintenance room, stainless steel, surface satin finished, material thickness 1,5mm, flushing certificated to EN 997, concealed flushing rim with min. 4 liter flushing capacity, with a shrouded 100mm diameter horizontal 'P' trap outlet, pressed seat area tapered towards centre, all edges curved, fixing with 280mm stainless steel rods and screw nuts (included) through the wall. 4 litre flush EN 997 approved.

Without seat and lid
Dimensions 360 x 351 x 500 mm (W x H x D)

HDTX592
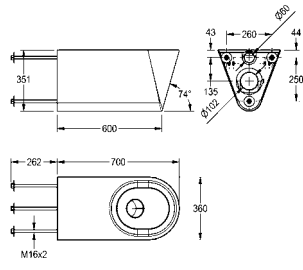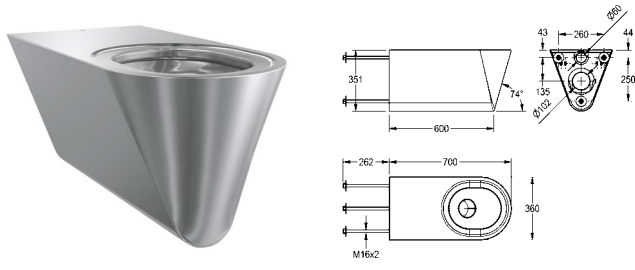
HEAVY DUTY LESS-ABLED WALL HUNG WC

Less-abled wall hung WC pan, hidden mounting with stainless steel rods through wall, fixing and service via maintenance room, stainless steel, surface satin finished, material thickness 1,5mm, flushing certificated to EN 997, concealed flushing rim with min. 4 liter flushing capacity, with a shrouded 100mm diameter horiziontal 'P' trap outlet, pressed seat area tapered towards centre, all edges curved, fixing with 280 mm stainless steel rods and screw nuts (included) through the wall.

Dimensions 360 x 350 x 700 mm (W x H x D)

HDTX594
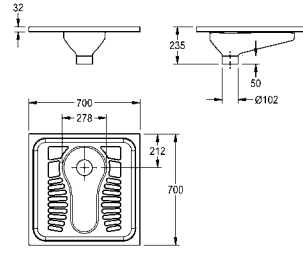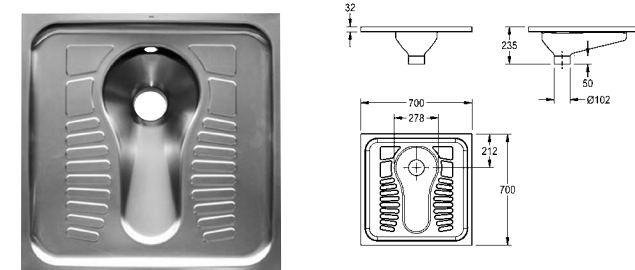
STAINLESS STEEL SQUAT PAN

Squat pan for recessed or inset mounting, stainless steel, surface satin finished, material thickness 1.2mm, DN 100 waste, drainage into ground, slip resistant patterned foot tread plate areas, suitable for recessed mounting into floor.

Dimensions 700 x 235 x 700 mm (W x H x D)

CMPX503N　　Without spreader or inlet hole
CMPX502N　　With spreader for 40mm outer diameter flushing pipe
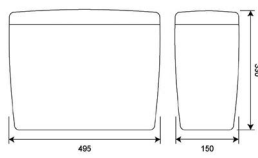
Electronic WC flushing

CONCEALED PLASTIC CISTERN KIT – VERTICAL
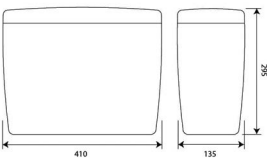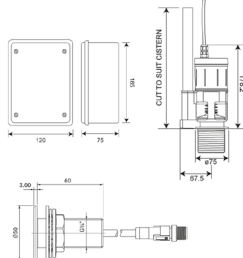
Concealed vertical cistern kit manufactured from ABS. Designed to be wall-mounted. Complete with WRAS approved side entry valve. KWC DVS vertical cisterns are designed to improve flush velocity when compared to traditionally shaped cisterns, with the added benefit of providing more service space either side of the cistern for a more professional installation. Kit includes:

1 x WRAS approved side entry valve
1 x flush pipe
1 x back to pan connector
1 x concealed vertical cistern

Cistern Dimensions: 221 x 499 x 159mm (W x H D)

WC02-013	1 1/2" Cistern kit
WC02-014	2" Cistern kit

CONCEALED PLASTIC CISTERN KIT

Concealed cistern kit manufactured from ABS. Designed to be wall-mounted. Complete with WRAS approved side entry valve. Kit includes:

1 x WRAS approved side entry valve
1 x flush pipe
1 x back to pan connector
1 x concealed cistern
1 x blanking plug

Cistern Dimensions: 495 x 330 x 150mm (W x H D)

WC02-011	1 1/2" Cistern kit
WC02-012	2" Cistern kit

COMPACT CONCEALED PLASTIC CISTERN KIT

Black compact cistern kit manufactured from ABS. Designed to be wall-mounted. Complete with WRAS approved side entry valve. Kit includes:

1 x WRAS approved side entry valve
1 x flush pipe
1 x back to pan connector
1 x concealed cistern
1 x blanking plug

Cistern Dimensions: 410 x 295 x 135mm (W x H D)
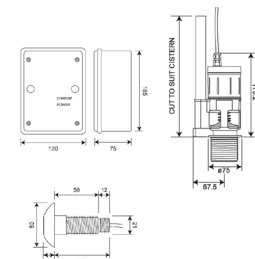
WC02-017	1 1/2" Cistern kit

PROGRAMMABLE SENSOR WC FLUSH VALVE KIT

Programmable sensor WC flush valve kit. Designed with WRAS approved 4 litre single flush and programmable sensor. Fits to new and existing WC cisterns.

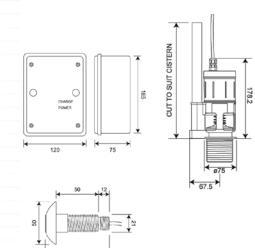|	
WC03-013	With 1 1/2" base - mains
WC03-014	With 2" base - mains
WC03-017	Mains - for use with AQFX frame
WC03-052	With 1 1/2" base - battery
WC03-053	With 2" base - battery
WC03-019	Battery - for use with AQFX frame

WC FLUSHVALVE KIT WITH TACTILE SWITCH

The WC flushing system is an electronically operated drop valve which replaces the traditional syphon and delivers a WRAS approved 4L single flush from the cistern to the lavatory bowl.

Kit includes:
1 x Flushvalve
1 x Tactile switch
1 x Control box

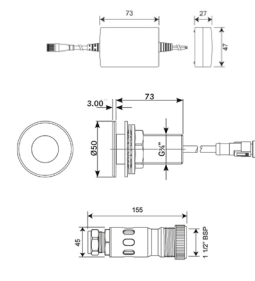|	
WC03-028	With 1 1/2" base - mains
WC03-029	With 2" base - mains
WC03-063	With 1 1/2" base - battery

ANTI-VANDAL WC FLUSHVALVE KIT - WAVE-ON

WC flushing system with an electronically operated drop valve that replaces the traditional syphon and delivers a WRAS approved 4 litre single flush from the cistern to the lavatory bowl.

Kit includes:
1 x Flushvalve
1 x Tactile wave-on sensor
1 x Control box

WC03-022	With 1 1/2" base - mains
WC02-023	With 2" base - mains

PROGRAMMABLE DIRECT FLUSHING KIT

Direct flushing kit for environments where the traditional fitting of a cistern is not desired or not possible. The cistern in this setup is replaced with a direct flushing, mains fed solenoid valve, including an air break to prevent backflow. Kit consists of:

1x Programmable WC Sensor 1x M8 (Y splitter)
1 x M8 3m Cable Extension 1x Air Break
1x 6v DC ASCO Valve
1 x M8 (Y splitter)
1 x Air break
1 x PSU

WC03-043	Programmable direct flushing kit

WC FLUSHVALVE SPARES

WC01-022	Valve with in-built overflow (valve only) - 1 ½"
WC01-023	Valve with in-built overflow - 2"
WC01-012	Valve base with in-built overflow - 1 ½"
WC01-013	Valve base with in-built overflow- 2"
WC01-032	Manual override valve with in-built overflow - 1 ½"
WC01-033	Manual override valve with in-built overflow - 2"
WC00-129	Flush Flow Restrictor - 2" Flush pipe

|	
WC01-002	Replacement body
WC00-001	Replacement stainless steel piston & spring
WC00-003	Replacement spring only - suitable for all models
WC00-002	Replacement piston & spring for manual override
WC00-010	Control box (PCB) C/W 1.5m cable
WC00-008	Control box (V3 Battery) C/W 1.5m cable
WC00-012	Control box (Low Voltage Mains) C/W 1.5m cable
WC00-155	Enclosure, Intelligent charger & battery pack

Pneumatic WC flushing
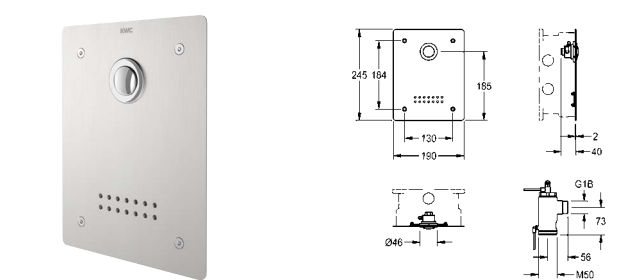
F3S WC FLUSH VALVE FOR IN-WALL INSTALLATION

F3S WC flush valve DN 20 as a finished installation kit for in-wall installation in the basic installation kit, for wall-mounted toilet bowls, fitting group 1. Especially suitable for facilities at risk of vandalism. Self-closing upper component hydraulically controlled, piston-free design, automatic and backlash-free closing. Automatic flush flow regulation and adjustable flush water volume. All-metal construction, visible parts polished chromium-plated. Stainless steel cover plate 190 x 245 x 2 mm, mounting from the front with safety screws, pre-mounted push-button actuation. Hydraulic control lines and mounting material. Depth adjustability 20 mm.

F3SF4002	WC flush valve for in-wall installation
Mandatory accessories:	
F3BF4001	R3 system box for WC flush valve
AQFX0012	Installation frame for wall-mounted WCs
AQFX0013	Installation frame for barrier-free wall-mounted WCs
Optional accessories	
AQRM920	Flushing pipe for in-wall installation
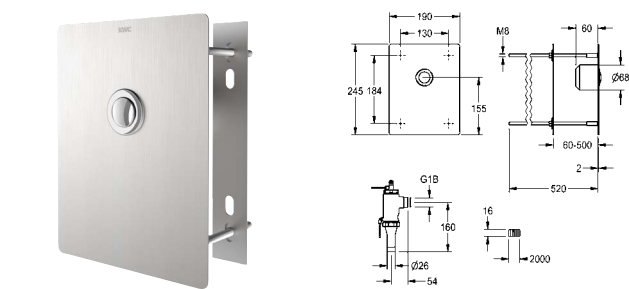
F3S WC FLUSHING VALVE FOR REAR PANEL MOUNTING

F3S WC flushing valve DN 20, for wall-mounted toilet bowls, fitting group 1, with remote control for concealed mounting. Especially suitable for facilities at risk of vandalism. Self-closing upper component for remote operation, hydraulically controlled, piston-free design, automatic and backlash-free closing. Automatic flush flow regulation and adjustable flush water volume. Flush valve complete with flush pipe connection and screw connection. All-metal construction, visible parts polished chromium-plated. Stainless steel cover plate 190 x 245 x 2 mm for invisible mounting via threaded rods, up to a wall thickness of 50 to 500 mm, pre-mounted push-button actuation, flush-mounted box. Hydraulic control lines and empty conduit (2 m) and mounting material. Connection and maintenance via service room.

F3SF4001	Flushmatic urinal control - mains	
Optional accessories:		
ACXF4002	Concealed cistern for Flushmatic 9L	**OR**
ACXF4003	Concealed cistern for Flushmatic 13.5L	
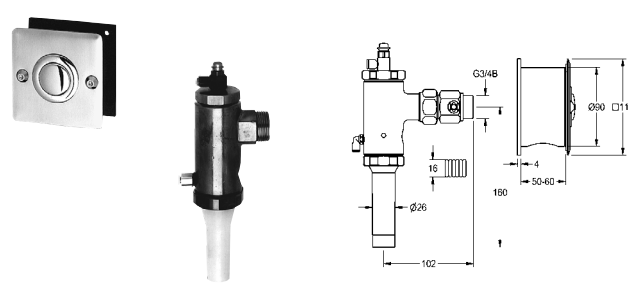
WC FLUSHING VALVE

AQUALINE WC flush valve DN 20 with remote control, for vandal resistant applications, installation of flush valve outside the user room, remote control in wall installation box with stainless steel cover plate and metal push button.

AQRM553C	Flushmatic urinal control - mains
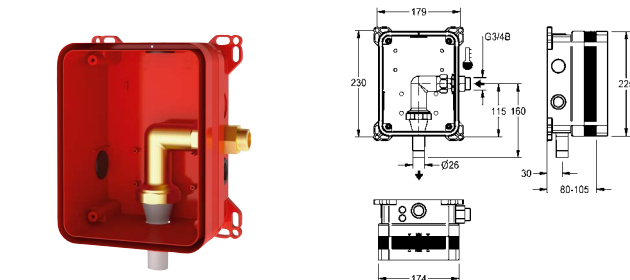
R3 SYSTEM BOX FOR WC FLUSH VALVE

R3 Basic installation kit for in-wall installation of finished installation kits for WC flushing valve DN 20. System box made of plastic, 174 x 225 mm, with screw connections, flush pipe connection, shell protection, flush connector for flushing and leak test, no stop valve.

F3BF4001	System box for WC flush valve
Optional accessories:	
ACBX9002	Sliding adhesive flange
ZCMPX006	Mounting traverse
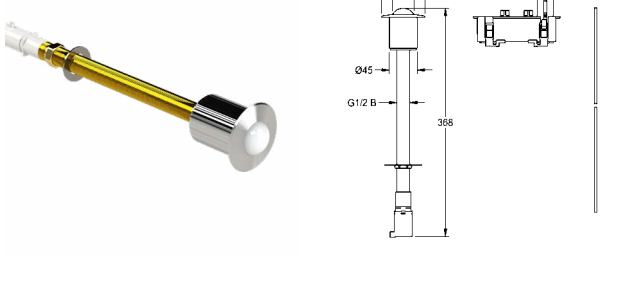
ANTI-VANDAL PNEUMATIC FLUSH VALVE ACTIVATION

Anti-vandal Pneumatic Flush Valve Activation, through the wall or panel mounted push button for use with with the FLSY0003 cistern. Providing a minimalist, anti-vandal cistern fed WC flushing solution for high risk environments.

FLSY0004
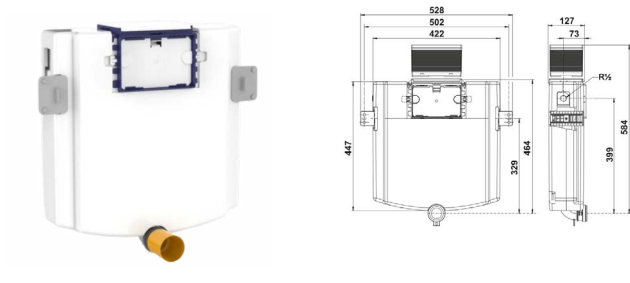
AQUAFIX INSULATED CONCEALED CISTERN KIT

AQUAFIX Concealed cistern with front access, height: 820 mm, insulated against condensation, with dual flush (6l/3l), button function transmitted to AQUAFIX flush valve via flexible cables, connection to push plate via turn-click connection, flush pipe bend with protection cap, AQUAFIX fill valve Noise Class I, angle valve R ½, protection box for access opening can be cut to size, with fixing brackets, without fastenings, packed in a box concealed cistern tested to DIN EN 14055, Noise Class I.

|	
FLSY0003	Aquafix cistern kit 1 ½"
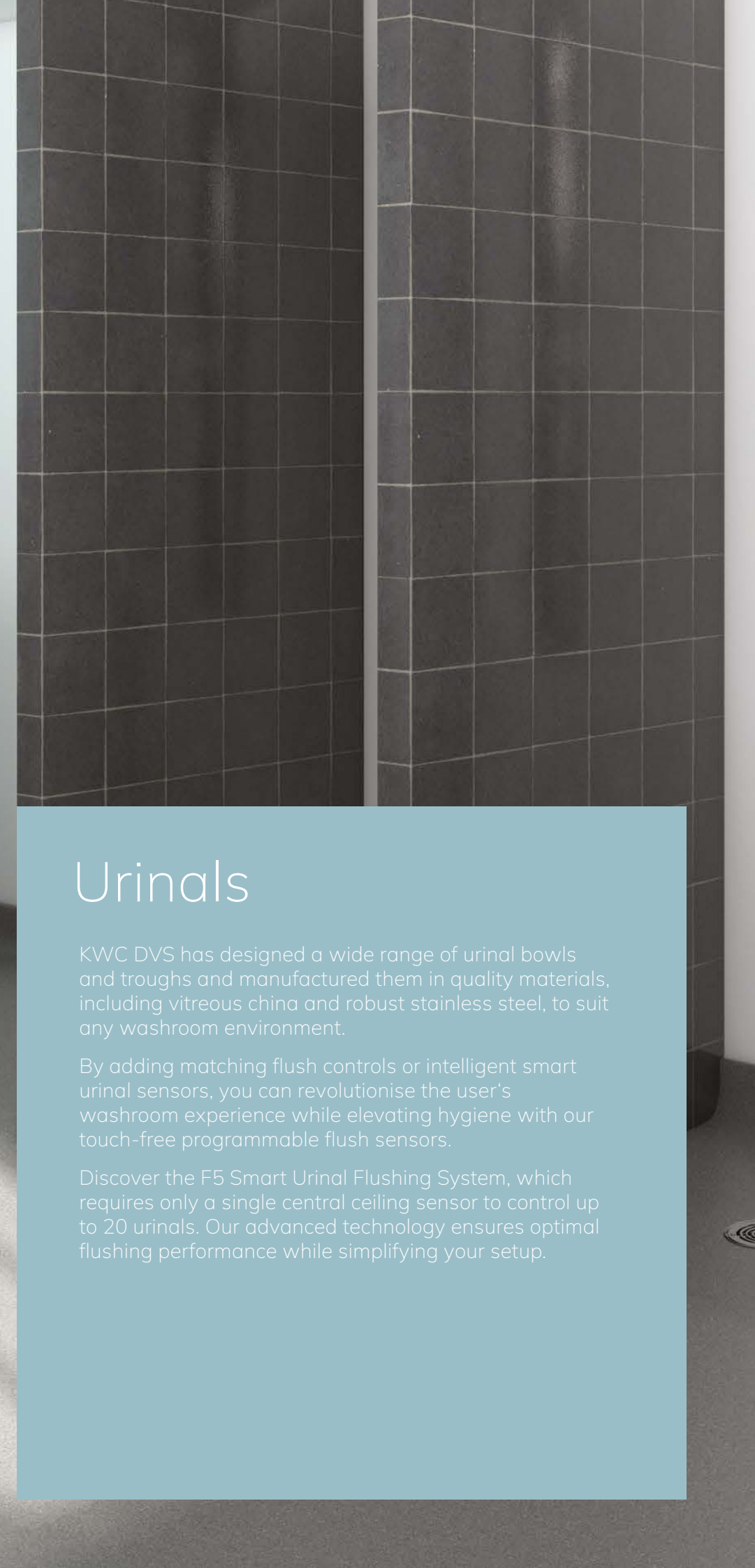
Urinals

KWC DVS has designed a wide range of urinal bowls and troughs and manufactured them in quality materials, including vitreous china and robust stainless steel, to suit any washroom environment.

By adding matching flush controls or intelligent smart urinal sensors, you can revolutionise the user's washroom experience while elevating hygiene with our touch-free programmable flush sensors.

Discover the F5 Smart Urinal Flushing System, which requires only a single central ceiling sensor to control up to 20 urinals. Our advanced technology ensures optimal flushing performance while simplifying your setup.

Urinals
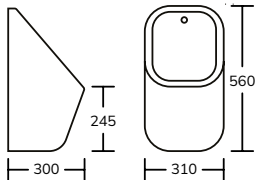
MARDEN CERAMIC URINAL

Concealed trap single urinal, manufactured from high-quality vitreous china to BS 340. For use with a back inlet spreader and concealed cistern feed. HBN / HTM compliant urinal bowl.
Dimensions: 310 x 560 x 300mm

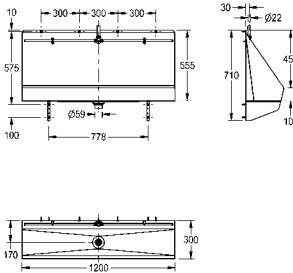|	
SW00-036	Ceramic urinal
Mandatory accessories:	
SW00-037	Urinal spreader
SW00-039	Domed urinal waste
SW00-040	P trap
SW00-041	Plastic elbow
Complimentary accessories:	
SW00-038	Ceramic urinal divider

CHARTHAM EXPOSED TRAP URINAL BOWL

Exposed trap urinal, manufactured from high-quality vitreous china to BS 340. Designed to be installed with either a back inlet spreader for concealed cistern feed or top inlet spreader for exposed cistern feed. Sleek easy to clean design with exposed bottle trap, can be mounted at a lower height.

Dimensions: 355 x 445 x 330mm

SW00-080	Exposed urinal
Mandatory accessories:	
SW00-081	Hanging brackets
SW00-082	Plastic resealing bottle trap
SW00-039	Domed waste
SW00-083	Top Inlet urinal spreader **OR**
SW00-037	Back inlet urinal spreader
Complimentary accessories:	
SW00-038	Ceramic urinal divider

LANGLEY CONCEALED TRAP URINAL BOWL

Concealed trap urinal bowl, manufactured from high-quality vitreous china to BS 340. Sleek, easy to clean design with concealed bottle trap.

HBN / HTM compliant urinal bowl
Dimensions: 375 x 645 x 350mm

SW00-084	Concealed urinal
Mandatory accessories:	
SW00-085	Back inlet spreader
SW00-086	Urinal fixings
SW00-039	Domed urinal waste
SW00-040	P trap
SW00-041	Plastic elbow
Complimentary accessories:	
SW00-038	Ceramic urinal divider

CENTINEL URINAL TROUGHS - CONCEALED SPARGE

Centinel wall-mounted urinals with concealed sparge pipe. Manufactured from 1.2mm thick grade 1.4301 (304) stainless steel with a satin polish finish. Designed with the waste outlet positioned centrally within the urinal. Supplied complete with a 50mm waste, concealed sparge pipes, sparge pipe cover, interconnecting pipework, plastic cistern, downpipe and trap cover. The recommended height for fixing the cisterns is 750 - 950mm, from the underside of the cistern to the top return of the urinal. All urinals are screw fixed to the wall through fixing holes in the top flange together with separate wall-mounted brackets which support the base of the unit.

Dimensions: 555 x 300mm

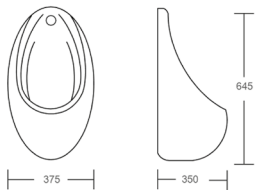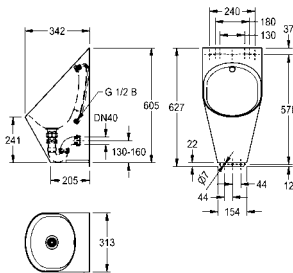|	
CEN120C	1200mm wide urinal
CEN150C	1500mm wide urinal
CEN180C	1800mm wide urinal
CEN240C	2400mm wide urinal
Complimentary accessories:	
UC01-017	Flushmatic urinal control wall-mounted - mains **OR**
UC01-024	Flushmatic urinal control ceiling mounted - mains

CENTINEL URINAL TROUGHS - EXPOSED SPARGE

Centinel wall-mounted urinals with exposed sparge pipe. Manufactured from 1.2mm thick grade 1.4301 (304) stainless steel with a satin polish finish. Designed with the waste outlet positioned centrally within the urinal. Supplied complete with a 50mm waste, exposed sparge pipes, sparge pipe cover, interconnecting pipework, plastic cistern and downpipe. The recommended height for fixing the cisterns is 750 - 950mm, from the underside of the cistern to the top return of the urinal. All urinals are screw fixed to the wall through fixing holes in the top flange together with separate wall-mounted brackets which support the base of the unit.

Dimensions: 555 x 300mm

|	
CEN120E	1200mm wide urinal
CEN150E	1500mm wide urinal
CEN180E	1800mm wide urinal
CEN240E	2400mm wide urinal
Complimentary accessories:	
UC01-017	Flushmatic urinal control wall-mounted - mains **OR**
UC01-024	Flushmatic urinal control ceiling mounted - mains

CAMPUS URINAL POD

CAMPUS wall-mounted urinal made of 304 chromium-nickel steel, satin finished surface, bowl material thickness 1.2mm, shroud 0.9mm, oval bowl shape, stainless steel spreader with G 1/2 connecting hose, punched strainer waste, including DN 40 siphon, mounting strip and mounting material.

Dimensions 313 x 627 x 342mm

CMPX539P	Stainless steel urinal
Complimentary accessories:	
CMPX560	Stainless steel urinal divider
CMPX136	Urinal installation frame

KWC DVS washrooms

Urinal flushing
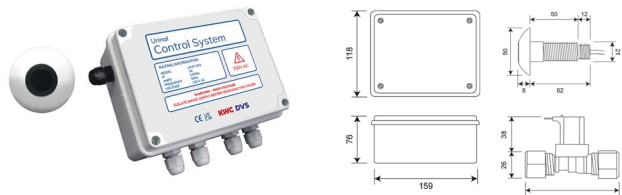
URINAL CONTROL SYSTEM - SINGLE STATION

Urinal control system single station kit supplied with one standard sensor with ø50mm bezel. The sensor activates a flush when the user walks away.
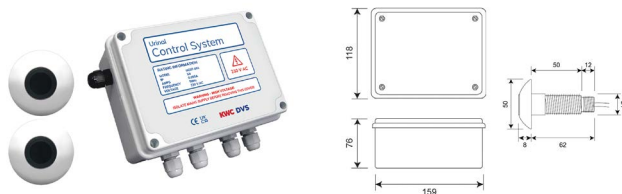
The single station kit includes:

1 x Mains control box
1 x Solenoid valve
1 x Sensor with 50mm bezel

UC07-010   Urinal control system - single station
Mandatory accessories:
UC00-001   Air-break valve

URINAL CONTROL SYSTEM - TWO STATION

Urinal control system two station kit supplied with two standard sensors that are supplied with ø50mm bezel. The sensor activates a flush when the user walks away.

The two station kit includes:

1 x Mains control box
2 x Solenoid valves
2 x Sensors with 50mm bezels

UC07-011   Urinal control system - two station
Mandatory accessories:
UC00-001   Air-break valve
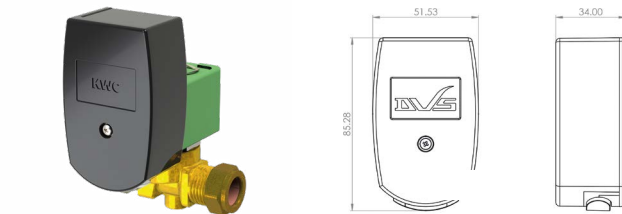
AQUARI-SAVE URINAL CONTROL VALVE

The Aquari-Save is a programmable urinal control valve which grants the user complete control over the release of water. This aids in saving water by reducing unnecessary water release outside standard facility use through extensive programmable options. The programmer will set the water usage at equal time distances within the pre-set first and last flush time; for example, if you set 6 flushes in 6 hours, it will flush once per hour. The valve has pre-set flushing times that can be altered via the programmer.
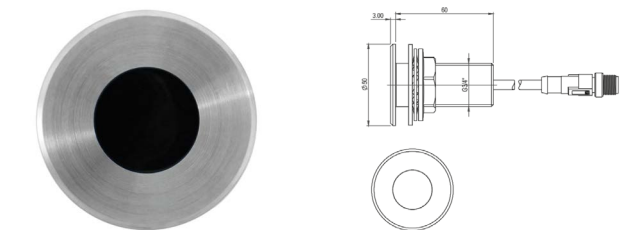
Supplied with handheld programmer.
Dimensions: 51 x 85 x 34mm

UC99-034   Aquari-save urinal control unit with programmer
Complimentary accessory:
AC04-046   Aquari-save additional unit without programmer

KINGSWEAR PROGRAMMABLE URINAL SENSORS

Wall-mounted programmable urinal sensor, manufactured from 316 stainless steel with a brushed finish, also available as gold and black. The sensor is AIR (active infrared) and completely touch-free to promote excellent hygiene. The sensor can be fully programmed with adjustable settings, including sensor range, flush times, hygiene purges and more. Dimensions: 50 x 50 x 3mm

AC02-023   Programmable urinal sensor - Satin
Mandatory accessories:
AT00-221   Single station kit
UC00-001   Air break
AC01-001   Handheld programmer (one per site)
Complimentary accessories:
AT00-222   Two station kit
**AT00-223**   Three station kit

High-security basins and spouts

Our GRP (Glass Reinforced Polyester) ligature-resistant basins are expertly engineered for safety, durability, and hygiene in secure environments. The range includes in-wall recessed basins, wall-mounted options, and integrated basins within robust floor-standing vanity units.

Each model is designed with smooth, seamless surfaces to reduce ligature risks and is compatible with TMV3-approved thermostatic mixing valves to ensure safe, controlled water temperatures, making them ideal for mental health and high-security settings.

High-security solutions

Ligature-resistant basins

NEW INFORM ENABLED
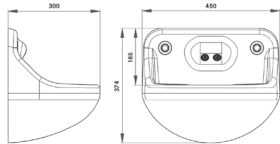
SAFE ENSUITE INTEGRATED BASIN

Safe Ensuite integrated basin, manufactured from GRP ligature-resistant composite material. Designed and tested to be vandal-resistant and avoid ligature points wherever possible. The techniques employed to construct these basins are used very successfully in the field of ballistic armour manufacturing, this results in unrivalled impact-resistance . A high-grade non-porous polyester gelcoat surface specially formulated to resist chemicals and ultraviolet rays comes as standard.

Control, sensors and TMV3 required
Dimensions: 450 x 374 x 300mm

VR01-030   Integrated basin

INFORM enabled: additional parts and subscription required to activate wireless temperature monitoring and using data.

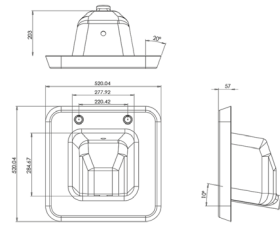**NEW INFORM ENABLED**
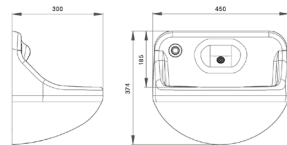
SAFE ENSUITE SINGLE OUTLET BASIN

Safe Ensuite basin, manufactured from GRP ligature-resistant composite material. Designed and tested to be vandal-resistant and avoid ligature points wherever possible. The techniques employed to construct these basins are used very successfully in the field of ballistic armour manufacturing, this results in unrivalled impact-resistance . A high-grade non-porous polyester gelcoat surface specially formulated to resist chemicals and ultraviolet rays comes as standard.

Control, sensors and TMV3 required
Dimensions: 450 x 374 x 300mm

VR01-090   Dual sensor, single outlet
VR01-092   Single sensor, single outlet

INFORM enabled: additional parts and subscription required to activate wireless temperature monitoring and using data.

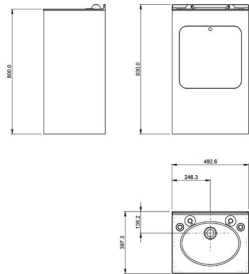**NEW INFORM ENABLED**

IN-WALL BASIN

Safe Ensuite in wall basin, manufactured from GRP ligature-resistant composite material. Designed and tested to be vandal-resistant and avoid ligature points wherever possible. The techniques employed to construct these basins are used very successfully in the field of ballistic armour manufacturing, this results in unrivalled impact-resistance . A high-grade non-porous polyester gelcoat surface specially formulated to resist chemicals and ultraviolet rays comes as standard.

Control, sensors and TMV3 required
Dimensions: 465 x 210 x 305

VR01-085   In-wall basin
VR01-125   Dual outlet in-wall basin

INFORM enabled: additional parts and subscription required to activate wireless temperature monitoring and using data.

SAFE ENSUITE HIGH-SIDED BASIN

Safe Ensuite integrated basin, manufactured from GRP ligature-resistant composite material. Designed and tested to be vandal-resistant and avoid ligature points wherever possible. The techniques employed to construct these basins are used very successfully in the field of ballistic armour manufacturing, this results in unrivalled impact-resistance . A high-grade non-porous polyester gelcoat surface specially formulated to resist chemicals and ultraviolet rays comes as standard.

Control, sensors and TMV3 required
Dimensions: 290 x 390 x 20

VR01-080   High-sided basin

LOW PROFILE BASIN WITHOUT TAP HOLES

Low profile basin, manufactured from GRP high performance composite material. Designed and tested to be vandal-resistant. The techniques employed to construct these basins are used very successfully in the field of ballistic armour manufacturing, this results in unrivalled impact-resistance. A high-grade non-porous polyester gelcoat surface specially formulated to resist chemicals and ultraviolet rays comes as standard.

Control, sensors, TMV3, spout or backplate required
Dimensions: 465 x 210 x 305

VR01-081   Without tap holes
VR01-082   Left-hand tap hole
VR01-083   Right-hand tap hole
VR01-084   Two tap holes

NEW INFORM ENABLED

HIGH-SECURITY VANITY BASIN WITH TMV3

Floor standing Trespa vanity unit with integrated GRP wash basin. The basin is ligature-resistant and has been designed and tested to be vandal-resistant and avoid ligature points wherever possible. The techniques employed to construct these basins are used very successfully in the field of ballistic armour manufacturing, this results in unrivalled impact-resistance . A high-grade non-porous polyester gelcoat surface specially formulated to resist chemicals and ultraviolet rays comes as standard. Designed pre-assembled for easy installation with TMV spouts and controls included in kit form.

Available with wave-on or tactile operation
Dimensions: 492 x 830 x 397mm

VR01-120   High-Security vanity basin with 2 taps and 2 sensors
VR01-121   High-Security vanity basin with 1 tap and 2 sensors
VR01-122   High-Security vanity basin no outlets
Complimentary accessories:
VR01-130   Vandal resistant vanity cabinet

INFORM enabled: additional parts and subscription required to activate wireless temperature monitoring and using data.
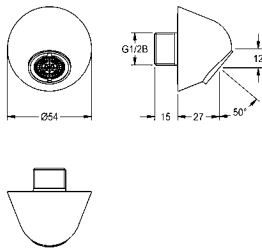
High-security solutions

Pneumatic taps
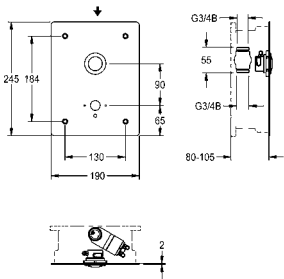
F3S SELF-CLOSING WASHBASIN TAP FOR IN-WALL INSTALLATION

F3S self-closing straight-way valve DN 15 as finished installation kit for in-wall installation in basic installation kit, for sanitary facilities. Especially suitable for facilities at risk of vandalism. Self-closing head part, hydraulically controlled for remote control, piston-free design, self-closing and for connection to pre-mixed hot water or cold water. All-metal construction, visible parts polished chromium-plated. Stainless steel cover plate 190 x 245 x 2 mm, mounting from the front with safety screws, with recess for necessary KWC wall outlet DN 15, pre-mounted push-button actuation. Hydraulic control lines, connecting hose to the straight-way valve and mounting material. Depth adjustability 25mm
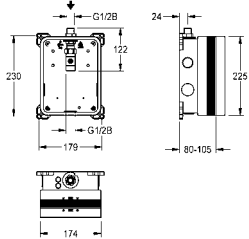
F3SV1010	Self-closing washbasin tap for in-wall installation
Mandatory accessories:	
F3BV1001	R3 system box for in-wall taps
ACXX1008	Wall outlet for in-wall washbasin taps
ACXX1009	Wall outlet for in-wall washbasin taps
ACXX1010	Wall outlet for in-wall washbasin taps

R3 SYSTEM BOX FOR IN-WALL TAPS

R3 basic installation kit for in-wall mounting of finished installation kits DN 15 without mixing unit, for sanitary facilities. For connection to pre-mixed hot water or cold water. KWC system box made of plastic, 174 x 225mm, with connection screws, shell protection, flush connector for flushing, and leak test.

F3BV1001	R3 system box for in-wall taps
Optional accessories	
ACBX9002	Sliding adhesive flange
ZCMPX006	Mounting traverse

F3S SELF-CLOSING WASHBASIN TAP FOR REAR PANEL MOUNTING

F3S self-closing straight-way valve DN 15 for sanitary facilities, with remote control for concealed mounting. Especially suitable for facilities at risk of vandalism. Self-closing head part, hydraulically controlled for remote control, piston-free design, self-closing, for connection to pre-mixed hot water or cold water. All-metal construction, visible parts polished chromium-plated. Stainless steel cover plate 190 x 245 x 2 mm for invisible mounting via threaded rods up to a wall thickness of 50 to 500mm, with recess for KWC wall outlet DN 15 (required separately), pre-mounted push-button actuation. Flush-mounted box, hydraulic control lines with empty conduit (2 m) and mounting material. Connection and maintenance via service room.

F3SV1009	Self-closing washbasin tap for rear panel mounting
Mandatory accessories:	
ACXX1008	Wall outlet for in-wall washbasin taps
ACXX1009	Wall outlet for in-wall washbasin taps
ACXX1010	Wall outlet for in-wall washbasin taps

WALL OUTLET FOR IN-WALL WASHBASIN TAPS

Wall outlet DN 15 for mounting on in-wall washbasin taps. Especially suitable for facilities at risk of vandalism. Suicide-proof housing with anti-twist protection, anti-theft aerator with integrated flow regulator 3.8 l/ min, tilt angle 50°, projection 27mm. Polished chromium-plated brass with mounting material.
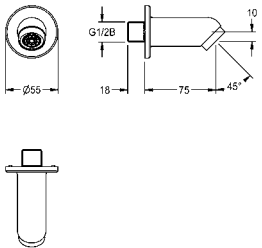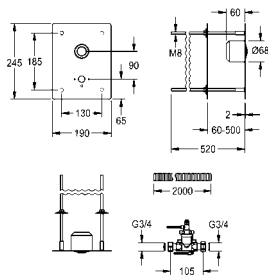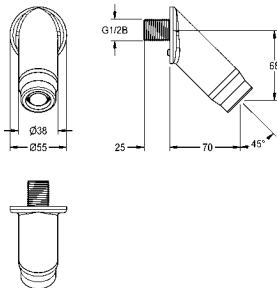
|	
ACXX1009	Wall outlet for in-wall washbasin taps

WALL OUTLET FOR IN-WALL WASHBASIN TAPS

Wall outlet DN 15 for mounting on in-wall washbasin taps. Especially suitable for facilities at risk of vandalism. With anti-twist protection, rosette, anti-theft aerator with integrated flow regulator 6.0 l/min, tilt angle 45°, projection 75mm. Polished chromium-plated brass with mounting material.

ACXX1008	Wall outlet for in-wall washbasin taps

WALL OUTLET FOR IN-WALL WASHBASIN TAPS

Wall outlet DN 15 for mounting on in-wall washbasin taps. Especially suitable for facilities at risk of vandalism. Suicide-proof housing with anti-twist protection, moulded rosette, anti-theft aerator with integrated flow regulator 5.7 l/min, SLIM design, tilt angle 45°, projection 69mm, brushed stainless steel with mounting material.

ACXX1010	

High-security solutions

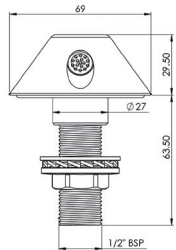# Ligature-resistant taps and spouts
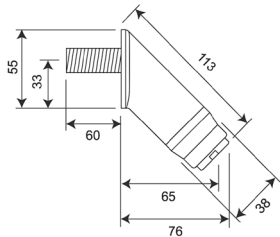
HIGH-SECURITY WALL-MOUNTED TAP SPOUT 45°

45° High-security tap spout, manufactured in 316 stainless steel with a brushed finish. Designed for mental healthcare and high-security environments with fully ligature-resistant design, conforming to the safer cell standards and testing. Additional TMV3 required. WRAS approved 5 litre per minute outlet.

Requires sensor and station kit to operate
Additional TMV3 required
Dimensions: 38 x 113 x 76mm

AT07-040   Wall-mounted tap spout 45°

HIGH-SECURITY WALL-MOUNTED TAP SPOUT 30°

30° High-security tap spout, manufactured in 316 stainless steel with a brushed finish. Ligature-resistant design. WRAS approved 5 litre per minute outlet.

Ø½" DZR Brass BSP connection
Requires sensor and station kit to operate
Additional TMV3 required
Dimensions: 38 x 113 x 76mm

AT07-041   Wall-mounted tap spout 30°

HIGH-SECURITY SAFE ENSUITE BACK PLATE

The High-Security Safe Ensuite Backplate design is aesthetically pleasing, and is designed be used in conjunction with our latest range of Safe Ensuite Low Profile Basins.

Requires sensor and station kit to operate
Additional TMV3 required
Dimensions: 300 x 212 x 111mm

VR01-107   Safe ensuite back plate

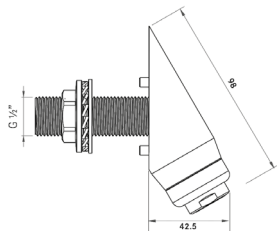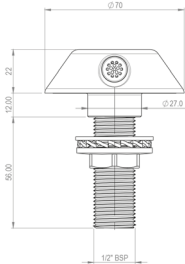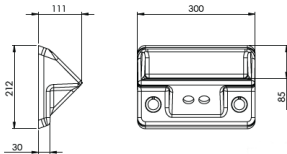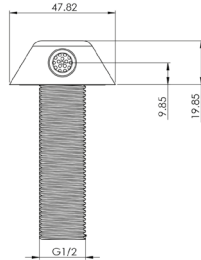### ANGLED DECK MOUNTED BASIN SPOUT

High-security deck mounted spout manufactured in 316 stainless steel with a brushed finish. Designed for mental healthcare and high-security environments with fully ligature-resistant design, conforming to the safer cell standards and testing. Additional TMV3 required.

Ø½" DZR Brass BSP connection
Requires sensor and station kit to operate
Dimensions: 69 x 30 x 69mm

AT07-092   Basin spout
Complimentary accessories:
AC17-042   Restrictaflow in-line flow restricting valve

HIGH-SECURITY DECK MOUNTED SPOUT

High-security deck mounted spout manufactured in 316 stainless steel with a brushed finish. Designed for mental healthcare and high-security environments with fully ligature-resistant design, conforming to the safer cell standards and testing. Additional TMV3 required.

DZR Brass BSP connection
Requires sensor and station kit to operate
Dimensions: 70 x 22 x 70mm

AT07-056   High-security spout
Complimentary accessories:
AC17-042   Restrictaflow in-line flow restricting valve

HIGH-SECURITY DECK MOUNTED SPOUT

High-security deck mounted spout manufactured in 316 stainless steel with a brushed finish. Designed for mental healthcare and high-security environments with fully ligature-resistant design, conforming to the safer cell standards and testing. Additional TMV3 required. Designed with integral flow regulator.
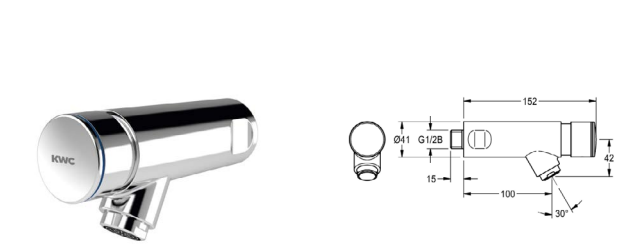
DZR Brass BSP connection
Requires sensor and station kit to operate
Dimensions: 48 x 20mm

AT07-058   High-security spout
Complimentary accessories:
AC17-042   Restrictaflow in-line flow restricting valve

Self-closing and anti-block outlets

F3S SELF-CLOSING BIB TAP

F3S self-closing DN 15 bib tap for sanitary facilities. Self-closing cartridge, hydraulically controlled, self-closing, adjustable flow duration. With anti-blocking system 2 (ABS2) for safety switch-off when permanently active. For connection to pre-mixed hot water or cold water. High-polished, chrome-plated brass housing. Aerator with an integrated flow rate controller 3.0 l/min.
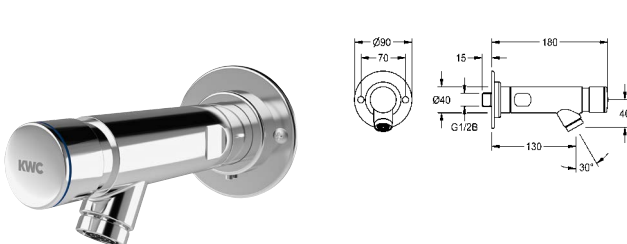
F3SV1005   F3S Bib tap
Mandatory Accessories:
AC17-047   TMV3
Complimentary Accessories:
SD01-001   Wall-mounted soap dispenser (chrome)

F3S SELF-CLOSING PILLAR TAP WITH ANTI-BLOCK

F3S self-closing DN 15 pillar tap for sanitary facilities. Self-closing cartridge, hydraulically controlled, self-closing, stepless adjustment of flow duration. With anti-blocking system 2 (ABS2) for safety switch-off when permanently active. For connection to pre-mixed hot water or cold water. High-polished, chrome-plated brass housing. Aerator with an integrated flow rate controller 3.0 l/min.

F3SV1004   F3S self-closing pillar tap with anti-block
Mandatory Accessories:
AC17-047   TMV3
Complimentary Accessories:
SD110   Wall-mounted soap dispenser

F3S-MIX SELF-CLOSING PILLAR TAP WITH ANTI-BLOCK

F3S-Mix self-closing DN 15 pillar mixer for sanitary facilities. Self-closing cartridge, hydraulically controlled, self-closing, stepless adjustment of flow duration. With anti-blocking system 2 (ABS2) for safety switch-off when permanently active. For connection to hot and cold water via hoses with integrated non-return valves and strainers. Temperature lever with an adjustable turn-proof temperature stop. High-polished, chrome-plated brass housing. Aerator with an integrated flow rate controller 3.0 l/min.

F3SM1008   F3S Mix self-closing pillar mixer with anti-block
Complimentary Accessories:
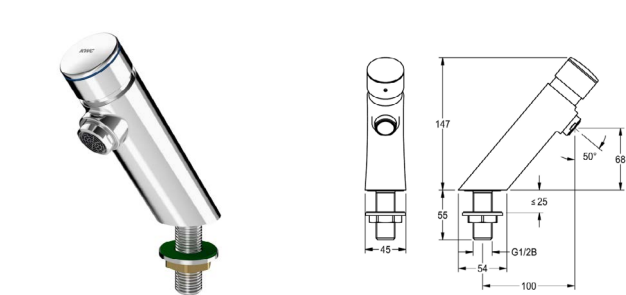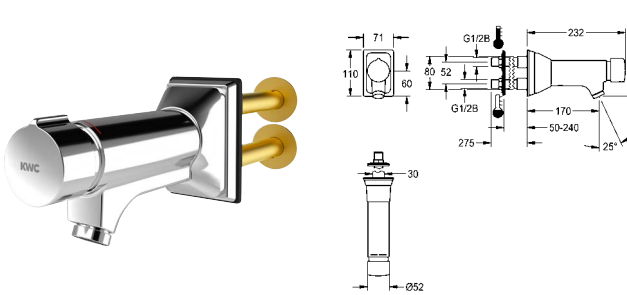**AC00-030**   Soap dispenser - stainless steel
AC17-047   TMV3

F3S SELF-CLOSING BIB TAP WITH ANTI-BLOCK

F3S self-closing bib tap DN 15 with anti-twist protection for sanitary facilities. Especially suitable for facilities at risk of vandalism. Self-closing cartridge, hydraulically controlled, self-closing, adjustable flow duration and anti-blocking system 2 (ABS2) for safety switch-off in case of continuous operation. For connection to pre-mixed hot water or cold water. Rosette diameter 90mm for visible front mounting, with anti-twist protection for bib tap and mounting material. All-metal construction, polished, chromium-plated brass. Anti-theft aerator with integrated flow regulator 6.0 l/min.

F3SV1011   F3S Self-closing bib tap with anti-block
Complimentary accessories:
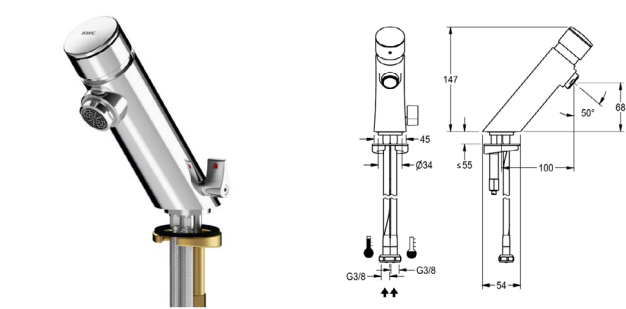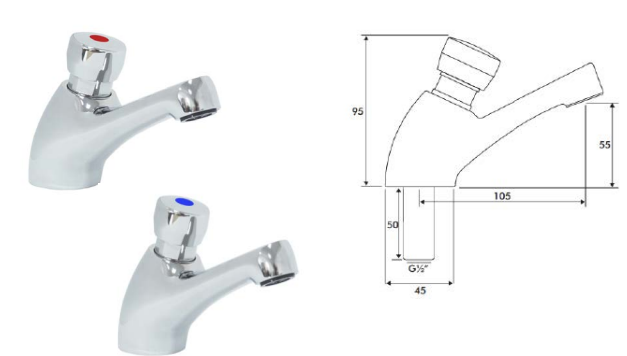**SD300**   Heavy duty wall-mounted soap dispenser

SELF-CLOSING WALL-MOUNTED MIXER FOR REAR PANEL MOUNTING

F5S-Mix is a self-closing wall-mounted mixer with angled outlet, ideal for high-risk vandalism areas. It features FRAMIC self-closing mixer cartridge, ceramic disc technology, flow pressure-independent design, and adjustable temperature stop. It is made of polished, chromium-plated brass and comes with an anti-theft aerator with an integrated flow regulator. It can be connected to hot and cold water and is suitable for wall thicknesses from 50 to 240mm.

F5SM1012   Self-closing wall-mounted mixer
Complimentary accessories:
SD300   Heavy duty wall-mounted soap dispenser

NON CONCUSSIVE TAP

The basin mounted push tap is designed for use with our range of thermostatic mixing valves. With a simple, non-concussive operation and water saving technology, this tap is ideal for use in areas such as leisure and commercial washrooms. The simple operation of the push tap enables users with limited mobility to use the facility. Supplied with red and blue indicator options.
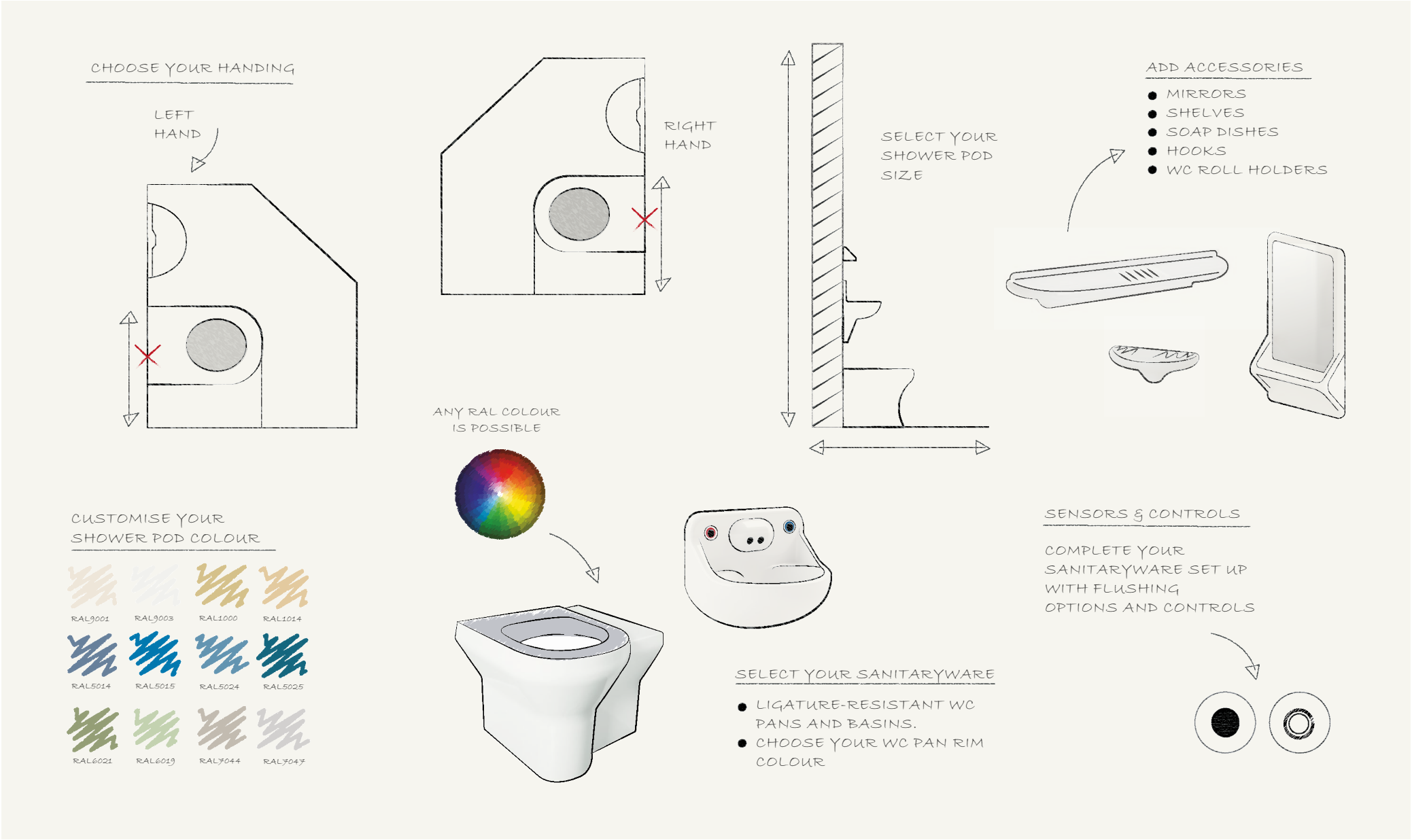
MT00-030   Non cocussive tap (single)
Complimentary Accessories:
AC17-047   TMV3

Showers

KWC DVS have a range of showers, shower heads and shower packs for all high-security and mental health environments.

KWC DVS also provide a unique self-contained and extremely robust ensuite shower pod fully designed and installed to the highest standards. The patented ensuite shower pod is tested by the Ministry of Justice and fits flush to the existing fabric of the cell and comprises of a WC, basin, mirror, shelf, LED light and shower.

Patented ensuite shower pod - customise your options

CHOOSE YOUR HANDING

LEFT HAND

RIGHT HAND

SELECT YOUR SHOWER POD SIZE

ADD ACCESSORIES
- MIRRORS
- SHELVES
- SOAP DISHES
- HOOKS
- WC ROLL HOLDERS

ANY RAL COLOUR IS POSSIBLE

CUSTOMISE YOUR SHOWER POD COLOUR

RAL9001   RAL9003   RAL1000   RAL1014

RAL5014   RAL5015   RAL5024   RAL5025

RAL6021   RAL6019   RAL7044   RAL7047

SELECT YOUR SANITARYWARE
- LIGATURE-RESISTANT WC PANS AND BASINS.
- CHOOSE YOUR WC PAN RIM COLOUR

SENSORS & CONTROLS

COMPLETE YOUR SANITARYWARE SET UP WITH FLUSHING OPTIONS AND CONTROLS

1. Choose the Handing

Begin by selecting the handing of your shower pod—left-hand or right-hand—depending on your room layout and the location of service connections such as plumbing and electrics.

Choosing the correct handing not only enhances operational efficiency and accessibility but also supports a safer environment by ensuring all connections are positioned in the most practical and secure configuration for the user and facility staff.

2. Select shower pod size

Every project comes with its own set of spatial challenges, which is why we offer flexible sizing options to ensure your shower pod fits seamlessly into its intended environment.

Whether you're working on a new-build facility with specific architectural parameters or retrofitting into an older site with existing constraints, we can tailor the height and width of the pod to suit your exact needs. Our adaptable designs accommodate everything from narrow cell layouts and reduced ceiling heights to unconventional room proportions.

3. Pick a RAL colour

To elevate the look and integrate seamlessly with your facility's interior design, the pod's exterior can be customised in a wide selection of RAL colours.

Whether you need a calming palette to promote well-being or wish to align with a colour-coded scheme for operational clarity, this feature provides the creative flexibility to match your exact project requirements.

4. Select sanitaryware

Our sanitaryware prioritises safety, hygiene, and durability. Choose from our range of ligature-resistant GRP washbasins and WC pans, specifically designed for secure environments.

Each GRP pan can be customised with a coloured rim to suit your design needs, ensuring the final product meets both aesthetic and functional requirements while maintaining the highest standards of protection.

5. Add accessories

Customise your shower pod with a range of optional accessories such as ligature-resistant shelves, hooks, mirrors, and WC roll holders.

Each item is designed to improve functionality and user comfort while maintaining strict safety standards, making them ideal for secure and mental health environments where both practicality and protection are essential.

6. Choose sensors & control box

Complete your specification by choosing your sensor and control options. Choose between our touch-free sensor technology in order to promote hygiene and ease of use, or our tactile switches for confined space to avoid false triggering.

Add one of our control boxes in order to manage timed flow, water usage. Integrate with our INFORM Custodial Water Management System, allowing for real-time remote monitoring, thermal purging, and detailed performance reporting—delivering greater compliance, efficiency, and peace of mind.

High-security solutions

Patented ensuite shower pod

Our custom-designed in-cell shower pods are expertly crafted to fit the unique layout of any cell, offering a range of shapes, sizes, and configurations. These pods can be retrofitted into existing cells or tailored to new installations, providing seamless integration with current services, waste outlets, and ventilation systems, or accommodating newly installed facilities.

Engineered for durability and safety, the pods are fire-rated, ensuring they do not burn or emit smoke, making them a secure and reliable solution for high-security environments. Transform existing spaces with our bespoke shower pods, designed for efficiency, safety, and adaptability.

All of our GRP sanitaryware – including washbasins & WCs, are fully approved for use in safer cell environments. Manufactured to meet Ministry of Justice specifications, each item is designed to minimise ligature risks, withstand vandalism, and promote hygiene in the most demanding custodial and high-security settings.

Newcastle Joinery Ltd
A **KWC DVS** COMPANY

In-cell shower pods, any RAL colour is possible

Shower Refurbishment Solutions
We provide a comprehensive turnkey solution for the refurbishment of communal wing showers, ensuring a seamless process from start to finish. Our services include drainage, plumbing, ventilation, resin flooring, cubicle systems, wall tiling, decoration, ceilings, and lighting – all meticulously designed and installed to meet Ministry of Justic specifications. Get in touch to discuss your requirements at kwcdvssales@kwc.com or call 01246 458900.

# Ligature-resistant & high-security showers
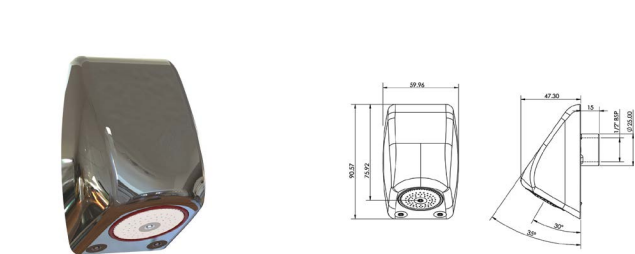
ANTI-MICROBIAL SHOWERHEAD

Anti-microbial showerhead manufactured from brass with a chrome finished cover. Supplied with removable waterway that is manufactured in four different colours with anti-microbial Biomaster silver ion technology. The ligature-resistant heads also feature a one-piece anti-microbial ABS outlet.

Requires sensor and station kit to operate
Additional TMV3 required
Dimensions: 60 x 90 x 47mm

SH07-095   Anti-microbial showerhead
Complimentary accessories:
SH00-070   Replacement Coloured Waterways (Set of 4)
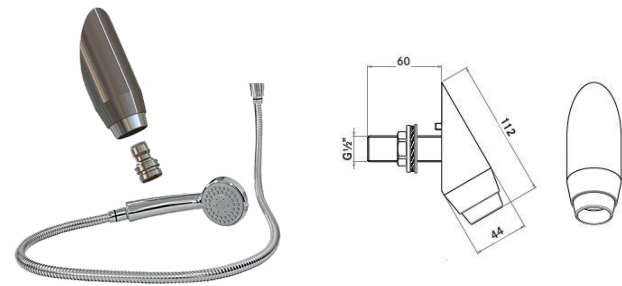
HIGH-SECURITY SHOWERHEAD WITH DETACHABLE HOSE CONNECTION

High-security showerhead with detachable hose connection. The SH07-084 is intended for installations where everything except the showerhead and sensor are concealed behind a wall or panel. This product can be utlilised on its own or as part of a shower pairing with the SH07-040. This showerhead can be used in conjunction with the KWC DVS shower control system.

Features include: – 316 Stainless steel – easy to install – quick release mechanism for ease of connection and disconnection of hose and handset (hose & handset Included) – Ideal for areas where ligature-resistance is required – wall-mounted – perfect for assisted showering areas

Supplied with hose and showerhead
Additional TMV3 required
Sensor and station kit required

SH07-084   High-security showerhead
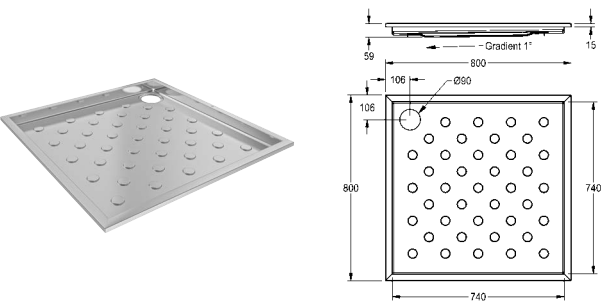
CAMPUS SHOWER TRAY

Campus shower tray, for flush mounting, stainless steel, satin-finished surface, material thickness 1.2mm, welded corners, with anti-slip floor profile and slope towards waste, waste diameter 90mm, earthing lug.

CMPX401N   800 x 59 x 800 mm (W x H x D)
CMPX404N   900 x 59 x 900 mm (W x H x D)
**Complimentary accessories:**
ECMPX018   Shower tray waste
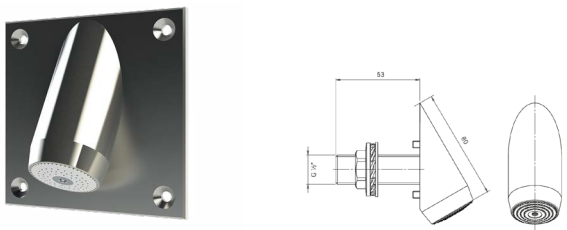
HIGH-SECURITY SHOWERHEAD – 30°

30° high-security showerhead with 4 ring shower rose. Manufactured from 316 stainless steel with a brushed finish. Ligature-resistant design, with a tamper-proof security locking screw. Anti-rotation pins.

Additional TMV3 required
Sensor and station kit required

SH07-040   High-security showerhead – 30°
Complimentary accessories:
**SH07-041**   Square fixing plate
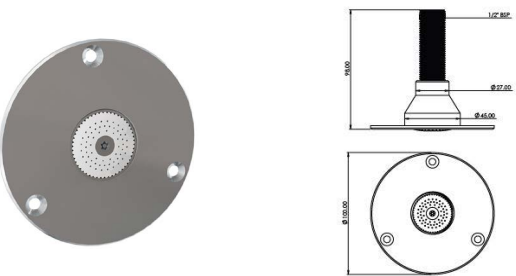
FLUSH MOUNTED CEILING SHOWERHEAD

An aesthetically pleasing take on ceiling height showerheads whilst maintaining ligature & vandal resistant design. ceiling height high-security showerhead with a one-Piece anti-microbial ABS outlet. ligature-resistant design, with a tamper-proof security locking screw. brushed stainless steel finish.

Additional TMV3 required
Sensor and station kit required

SH07-047   Flush mounted ceiling showerhead
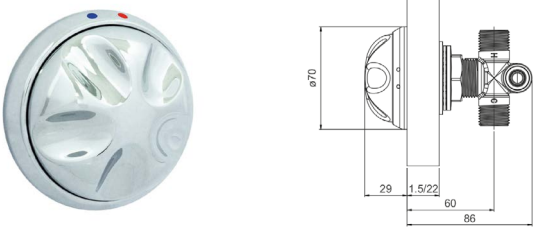
LIGATURE-RESISTANT TEMPERATURE BLENDING VALVE ADJUSTER

Temperature blending valve adjuster, manufactured from brass wtih a chrome finish. Designed to be robust with good aesthetics and therefore suits all applications. Manufactured with a robust construction and tamper-proof design. Easy to install.

Dimensions: 70 x 70mm (W x H)

SH00-011   Wall thickness compatibility 1.5mm - 22mm
SH00-012   Wall thickness compatibility 22mm - 180mm
SH00-013   Wall thickness compatibility 180mm - 280mm
Mandatory accessories:
AC17-047   TMV3
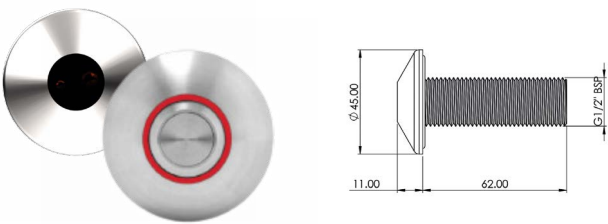
### 12V SHOWER TACTILE AND WAVE-ON SENSORS

Wave-on shower sensor manufactured from stainless steel complete with a 45mm bezel.

Complete with 15 metre cable
Separate control box required
Thread diameter: ½" BSP
Dimensions: 45 x 45 x 73mm

SH00-003   Wave-on sensor
OR
AC02-050   Red tactile switch (hot) (wall mount)
Mandatory accessories:
AC17-101   Solenoid valve (1 required per sensor

High-security solutions

Non-electronic showers
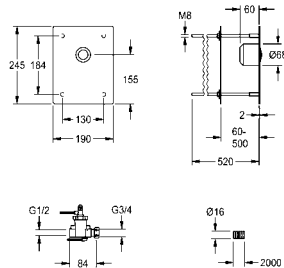
F3S PNEUMATIC SELF-CLOSING SHOWER FITTING FOR REAR PANEL MOUNTING

F3S self-closing straight-way valve DN 15 for shower facilities, with remote control for concealed mounting. Especially suitable for facilities at risk of vandalism. Self-closing head part, hydraulically controlled for remote control, piston-free design, self-closing, for connection to pre-mixed hot water or cold water. All-metal construction, visible parts polished chromium-plated. Stainless steel cover plate 190 x 245 x 2 mm for invisible mounting via threaded rods, up to a wall thickness of 50 to 500mm, pre-assembled push-button operation. Flush-mounted box, hydraulic control lines with empty conduit (2m) and mounting material. Connection and maintenance via service room.

F3SV2010   Anti-microbial showerhead
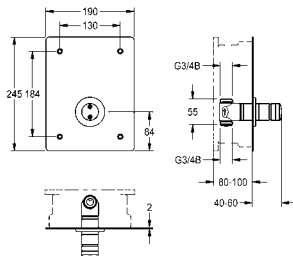
F3S SELF-CLOSING SHOWER FITTING FOR IN-WALL INSTALLATION

F3S self-closing straight-way valve DN 15 as finished installation kit for in-wall installation in basic installation kit, for shower facilities. Especially suitable for facilities at risk of vandalism. Self-closing functional part, hydraulically controlled, piston-free design, self-closing, continuously adjustable flow duration. For connection to pre-mixed hot water or cold water. Housing including shuttle valve seat, pressure cap with safety screws, visible parts, polished chromium-plated brass. Stainless steel cover plate 190 x 245 x 2 mm, mounting from the front with safety screws and rosette. Depth adjustability 20mm
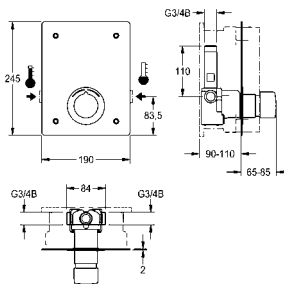
F3SV2011   Self-closing shower fitting for in-wall instalation
Mandatory accessories:
F5BV2002   R5 system box for in-wall valves
Optional accessories
AQRM900   Extension set for depth compensation until 33mm

F5S-MIX SELF-CLOSING SHOWER MIXER FOR IN-WALL INSTALLATION

F5S-Mix self-closing single mixer DN 15 as finished installation kit for in-wall installation in basic installation kit, for shower facilities. Especially suitable for facilities at risk of vandalism. FRAMIC self-closing mixer cartridge, hydraulically controlled, low-maintenance and stagnation-free, with ceramic disc technology, self-closing, flow pressure-independent due to medium separated design. Stepless adjustment of flow duration. With adjustable, turn-proof temperature stop. For connection to hot and cold water. All-metal construction, visible parts polished chromium-plated. Stainless steel cover plate 190 x 245 x 2 mm. Mounting from the front with safety screws, chromium-plated rosette, backflow preventer and strainers. Depth adjustability 20mm.

F5SM2013   Self-closing shower mixer for in-wall installation
Mandatory accessories:
F5BX2001   R5 system box for in-wall mixer
Optional accessories
ACSM2001   Extension set for 25 mm depth compensation

High-security solutions

INFORM Outlet showers with remote monitoring and control
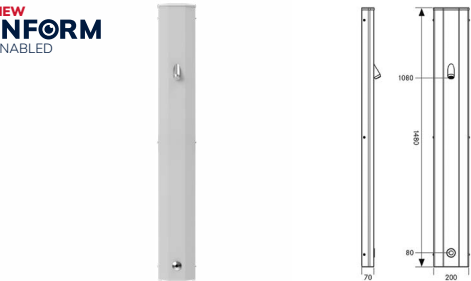

INFORM OUTLET CEILING HEIGHT SHOWER TOWER - TACTILE

INFORM Outlet ceiling height shower tower, manufactured from 316 stainless steel with a brushed finish. Features an anti-microbial outlet and in-built intelligent thermistors which connect to our INFORM system. Remotely monitor temperatures, control the outlet, and collate usage data. Ligature-resistant design with concealed pipework, and in-built TMV3 for high-security applications. Designed to fit flush against the ceiling. Tactile switch is positioned 1 metre from floor level at standard 2.4 metre ceiling height.

Built-in TMV3
Tactile switch operation
Dimensions: 200 x 1080 x 70mm
Available in White

IC04-005   INFORM shower tower - Tactile
Mandatory accessories:
IC07-006   INFORM 6 channel control

INFORM enabled: additional parts and subscription required to activate wireless temperature monitoring and using data.

INFORM OUTLET CEILING HEIGHT SHOWER TOWER - SENSOR

INFORM Outlet ceiling height shower tower, manufactured from 316 stainless steel with a brushed finish. Features an anti-microbial outlet and in-built intelligent thermistors which connect to our INFORM system. Remotely monitor temperatures, control the outlet, and collate usage data. Ligature-resistant design with concealed pipework, and in-built TMV3 for high-security applications. Designed to fit flush against the ceiling. Sensor is positioned 1 metre from floor level at standard 2.4 metre ceiling height.

Built-in TMV3
Sensor operation
Control box required
Dimensions: 200 x 1080 x 70
Available in White

IC04-006   INFORM Shower tower - Sensor
Mandatory accessories:
IC07-006   INFORM 6 channel control

INFORM enabled: additional parts and subscription required to activate wireless temperature monitoring and using data.

INFORM OUTLET

**Shower Safety Redefined with INFORM Technology**

Elevate your showers to the apex of safety and effortless control with our stainless-steel shower towers featuring the INFORM enabled showerhead. This innovative head boasts an advanced anti-microbial design, promoting hygiene and peace of mind. Integrated intelligent thermistors seamlessly connect with INFORM, providing real-time temperature monitoring, usage data, and customisable alarms.

KWC DVS INFORM empowers informed action. Should pre-set temperature parameters fall outside safe ranges, the system notifies you allowing for timely and efficient intervention. This translates to complete confidence in your water safety standards, all within seconds.

Ligature-resistant and high-security showers
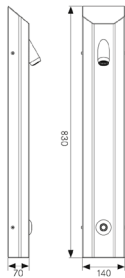
STANDARD SHOWER TOWER

Standard angled top shower tower, manufactured from 316 stainless steel with a brushed finish. Suitable for high-security applications. Designed with concealed pipework.

Wave-on sensor or tactile switch operation
Dimensions: 140 x 830 x 70mm
Available in White

SH01-002	Shower tower - Wave-on
SH01-003	Shower tower - Tactile
Mandatory accessories:	
SH07-001	Shower control system
AC17-047	Thermostatic mixing valve
Complimentary accessories:	
AC17-080	Thermal disinfection valve

STANDARD SHOWER TOWER - PUSH BUTTON

Standard angled top shower tower, manufactured from 316 stainless steel with a brushed finish.

Dimensions: 140 x 830 x 70mm
Available in White

|	
SH01-001	Shower tower
Mandatory accessories:	
AC17-047	Thermostatic mixing valve
Complimentary accessories:	
AC17-080	Thermal disinfection valve
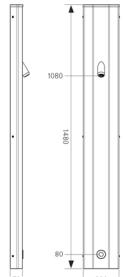
CEILING HEIGHT SHOWER PROGRAMMABLE SENSOR AND TMV3 - MAINS

Ceiling height shower tower, manufactured from 316 stainless steel with a brushed finish. Suitable for high-security applications. Ligature-resistant design with concealed pipework, and in-built TMV3 for high-security applications. Fully programmable using the handheld remote. Functions include adjustable run on times, adjustable range, hygiene purge, lock-outs and more.

Built-in TMV3
Sensor operation
Dimensions: 200 x 1080 x 70mm
Available in White

SH04-061	Shower tower
Mandatory accessories:	
AT00-221	Anti-microbial single station kit
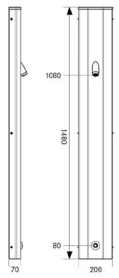
CEILING HEIGHT SHOWER TOWER TMV3 - MAINS

Ceiling height shower tower, manufactured from 316 stainless steel with a brushed finish. Suitable for high-security applications. Ligature-resistant design with concealed pipework, and in-built TMV3 for high-security applications. Designed to fit flush against the ceiling. Control is positioned 1 metre from floor level at standard 2.4metre ceiling height.

Built-in TMV3
Tactile or sensor operation
Dimensions: 200 x 1080 x 70mm
Available in White

|	
SH01-005	Tactile ceiling height shower tower
SH01-006	Sensor ceiling height shower tower
Mandatory accessories:	
SH07-001	Shower control system
Complimentary accessories:	
AC17-080	Thermal disinfection valve

CEILING HEIGHT SHOWER TOWER - SELF-CLOSING

Ceiling height shower tower, manufactured from 316 stainless steel with a brushed finish. Ligature-resistant design with concealed pipework, and in-built TMV3 for high-security applications. Designed to fit flush against the ceiling. Push button is positioned 1 metre from floor level at standard 2.4metre ceiling height.

Self-closing - non concussive
Dimensions: 200 x 1080 x 70
Available in White

|	
SH01-004	Ceiling height shower tower
Complimentary accessories:	
AC17-080	Thermal disinfection valve
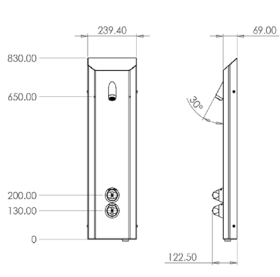
DUAL OUTLET SHOWER TOWER

Dual outlet shower tower with detatchable hose and handset. Manufactured from 316 stainless steel with a brushed finish. Designed with ligature- resistant controls, pre-plumbed pipework and a dual outlet, so 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.

TMV3 required on hot water supply
Available in powder coated white upon request
Dimensions: 239 x 930 x 69mm
Available in White

|	
SH01-013	Dual outlet shower tower
Mandatory accessories:	
AC17-047	Thermostatic mixing valve
Complimentary accessories:	
AC17-080	Thermal disinfection valve

Vandal-resistant shower gullies
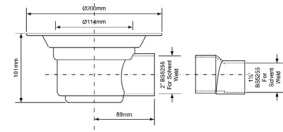
VANDAL-RESISTANT 50MM WATER SEAL GULLY WITH HORIZONTAL OUTLET FOR SHEET FLOORING

This product is a two-piece gully that features a 50mm water seal, a clamp ring, and a cover plate. The gully has a 2" horizontal outlet and a 2" x 1½" socket reducer. It is designed to be used with concrete and suspended timber floors, and it has a flow rate of 48 litres per minute. The gully is ideal for use in showers and is specifically designed for use with timber floors and floor formers. Additionally, it comes with three cover plate options: white plastic, polished stainless steel, or chrome-plated brass.

SW00-110   Vandal-resistant 50mm sheet floor gully
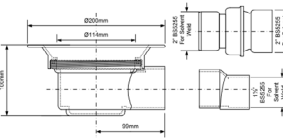
VANDAL-RESISTANT TWO-PIECE 50MM WATER SEAL GULLY FOR SHEET FLOORING

This is a two-piece gully with a 50mm water seal, clamp ring, and cover plate. It has a 2" horizontal outlet and a 2" x 1½" socket reducer. The product comes with three cover plate options: white plastic, polished stainless steel, or chrome-plated brass. It is suitable for concrete and suspended timber floors and has flow rates of 48 litres per minute. The gully is specifically designed for use with timber floors and floor formers and is ideal for showers in various settings.
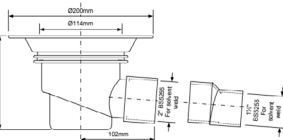
SW00-111   Vandal-resistant 50mm 2 part sheet floor gully
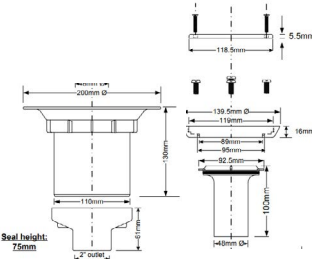
VANDAL-RESISTANT 75MM WATER SEAL GULLY WITH VERTICAL OUTLET FOR SHEET FLOORING

This is a 75mm water seal trapped gully with a 110mm or 2" vertical solvent spigot outlet. It comes with a clamp ring and a cover plate available in white plastic, polished stainless steel, or chrome-plated brass. It is suitable for concrete and suspended timber floors, has an overall height of 130mm, and a flow rate of 48 litres per minute.

SW00-113   Vandal-resistant 75mm vertical sheet floor gully

VANDAL-RESISTANT 75MM WATER SEAL GULLY WITH HORIZONTAL OUTLET FOR SHEET FLOORING

This is a sheet floor gully made of high-quality ABS material. It has a 75mm water seal, a 2" BS EN 1329-1:2020 solvent weld horizontal outlet, and comes with a 2" x 1½" socket reducer. Its flow rate of 48 litres per minute exceeds the minimum requirement of EN 1253-2:2015, and it comes with a choice of white plastic, polished stainless steel, or chrome-plated brass cover plates.

SW00-112   Vandal-resistant 75mm horizontal sheet floor gully

VANDAL-RESISTANT SHOWER GULLY

- Made from Polished Stainless Steel & ABS to the highest quality
- Sheet floor gully suitable for concrete and suspended timber floors
- Flow rates of 48 litres per minute exceed the minimum requirement of EN 1253-2:2015 and are variable dependent on the cover plate used
- Vandal-resistant grating is designed for use in secure accommodation and supplied with a security screwdriver bit to release the grating.

Ensuite washroom controls

Adjustment of taps, urinals, WCs, baths, and showers in high-security environments is effortless with our advanced range of control boxes and sensors. When paired with our programmable remote, these sensors provide a wide array of control options, enabling room-specific programming and customised water schedules tailored to the needs of individual users. This ensures both efficiency and security in demanding environments.

Our INFORM high-security power, water, and light system offers an intelligent solution for effectively managing water usage across showers, basins, and WCs. It allows for precise control with features such as adjustable delays, run times, usage recording, subsequent-use delays, and lockouts, ensuring efficiency and enhanced resource management in high-security environments.

Step 1

Choose control box

Discover the ultimate in washroom safety by configuring your ideal ensuite solution from our range of advanced control options. We have an array of options to choose from, including the state-of-the-art INFORM system, which provides complete remote control, temperature monitoring and usage data. We also offer standard control boxes that are designed to minimise installation costs while still delivering an intuitive and efficient setup.

These control boxes can be easily customised to suit your unique requirements by selecting appropriate sensors from our extensive collection. With our range of options, you can be assured that your washroom puts patient safety at the forefront of your design. Browse through our pages and select the best control box and sensors that fit your needs and preferences.
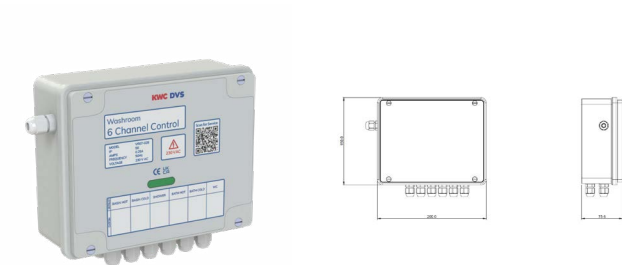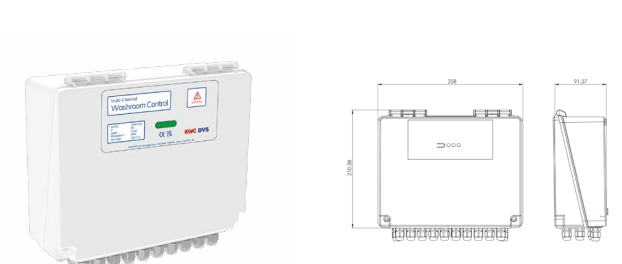
6 CHANNEL WASHROOM CONTROL BOX

External control of 1 room couldn't be easier than with the multi-channel control system. The control box has been designed to provide a fully programmable solution tailored to a user's specific needs in all mental healthcare and high-security environments. And with the addition of the key switch, you can isolate the water supply when necessary.

Cost-saving solution, one box controls two ensuites
5 independent outlets & 1 flush valves
Control various outlets - basins, taps, showers, baths, and WCs
Programmed and maintained via the handheld programmer

Dimensions: 250 x 210 x 91mm

VR07-026   6 channel washroom control box
Complimentary accessory:
AC01-001   Handheld programmer

12 CHANNEL WASHROOM CONTROL BOX

External control of 2 rooms couldn't be easier than with the multi-channel control system. The control box has been designed to provide a fully programmable solution tailored to a user's specific needs in all mental healthcare and high-security environments. And with the addition of the Key switch, you can isolate the water supply when necessary.

Cost-saving solution, one box controls two ensuites
10 independent outlets & 2 flush valves
Control various outlets - basins, taps, showers, baths, and WCs
Programmed and maintained via the handheld programmer

Dimensions: 250 x 210 x 91mm

VR07-020   12 channel washroom control box
Complimentary accessory:
AC01-001   Handheld programmer
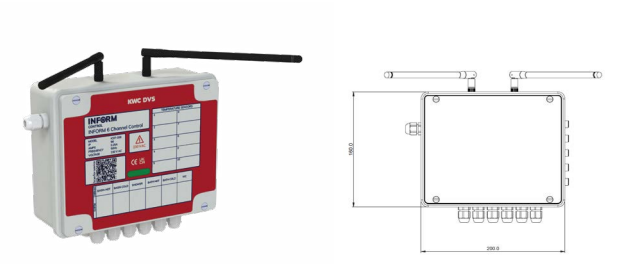
INFORM 6 CHANNEL CONTROL BOX

Following the established VR07-020 multi-channel control box the INFORM 6 channel control box gives the option of unprecedented levels of control and enhanced user options including: Remote wireless control of valves, temperature monitoring, remote or on site programming, valve counts, valve opening and closing timestamps, timed hygiene purges and identification of infrequently used outlets.

All events are monitored, and verified and form part of the extensive range of management information available via the INFORM platform 24/7. In addition, user-friendly, editable alarms can be set to aid compliance.

When used with the CMVL8 there are the additional functions shown below.

Suitable for use with 12 volts sensors

IC07-006   6 channel control box

To enable all functions an Inform subscription will be required.

Step 2

Add remote temperature monitoring

For installations where the INFORM 6 Channel Control (which has inbuilt temperature monitoring as standard) has not been selected, the INFORM Universal Monitor Kit provides intelligent, remote temperature monitoring in one simple package. INFORM Monitor tracks water system temperatures, from anywhere in the world. Analysing trends and pinpointing areas for improvement. Make data-driven decisions to optimise efficiency and prioritise upgrades.

The INFORM Universal kit is suitable for any part of your water system and can be used almost anywhere e.g. taps, spouts, showers, sinks, basins, calorifiers, pipes in ducts & voids, plant rooms, on risers and much more.

15mm Intelligent thermistor

22mm Intelligent thermistor

Thermistor cables

INFORM Monitor device
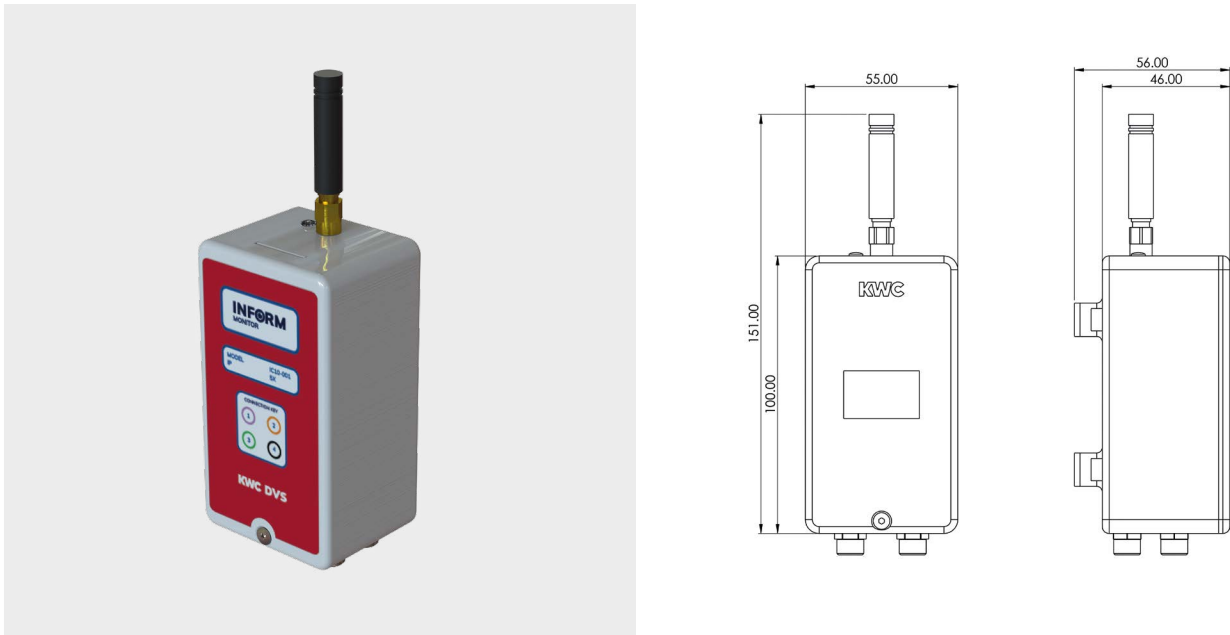
The INFORM Device has a long-lasting battery and does not require invasive plumbing work to install due to the nature of the clip-on temperature thermistors. INFORM Monitor is retrofittable and incredibly easy to install and set up.

The INFORM Universal Kit includes all the necessary parts required, as shown below, to monitor up to four different temperatures. Each IC10-066 universal kit includes:

1 x INFORM Monitor device

4 x Intelligent thermistors for 15mm pipework

4 x Intelligent thermistors for 22mm pipework

4 x Thermistor cables

1 x Universal flexi-hose thermistor adapter

1 x 1st year subscription

Effortless Onboarding:

Get up and running quickly with this comprehensive kit. Our technical team will assist with the initial platform population, and a personalised one-on-one tutorial will guide you on your path to a healthy water system.

Step 3

Choose operation type

12V WC ANTI-VANDAL SENSORS

Tactile switch and anti-vandal wave-on sensor manufactured from stainless steel with blue insert. Compatible with a range of KWC DVS products, including: WC flushvalve's, basins and more.

Complete with 15 metre cable
Thread diameter: Ø21mm (½" BSP)

AC02-043	Blue WC anti-vandal wave-on sensor
AC02-049	Blue WC Tactile switch
WC01-022	WC flushvalve 1 1/2" (1 required per sensor)
WC01-023	WC flushvalve 2" (1 required per sensor)
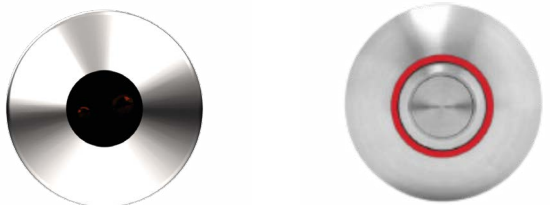
12V SHOWER SENSORS

Wave-on shower sensor manufactured from stainless steel complete with a 45mm bezel.

Complete with 15 metre cable
Thread diameter: ½" BSP

SH00-003	Wave-on sensor
AC02-050	Red tactile switch (hot) (wall mount)
AC17-101	Solenoid valve (1 required per sensor)

12V BATH ANTI-VANDAL SENSORS

Anti-vandal wave-on and tactile switches, manufactured from stainless steel with a brushed finish and temperature indication inserts. Suitable for bath filling modules.

Complete with 15 metre cable
Thread diameter: Ø21mm (½" BSP)

|	
VR00-080	Blue wave-on sensor (cold)
VR00-081	Red wave-on sensor (hot)
VR00-082	Blue tactile switch (cold)
VR00-083	Red tactile switch (hot)
AC17-101	Solenoid valve (1 required per sensor)

For use with VR01-111 backplate only

12V WHB WAVE-ON SENSORS

Wave-on sensors manufactured from stainless steel with a brushed finish and temperature indication insert. Capability to adjust settings (control box required).

Complete with 15 metre cable
Thread diameter: Ø21mm / Ø16.7mm

|	
VR00-003	Blue wave-on sensor (cold) for backplates ONLY
VR00-004	Red wave-on sensor (hot) for backplates ONLY
AC02-043	Blue anti-vandal wave-on sensor (wall mount)
AC02-044	Red anti-vandal wave-on sensor (wall mount)
AC17-101	Solenoid valve (1 required per sensor)

12V WHB TACTILE SWITCHES

Tactile switches, manufactured from stainless steel with a brushed finish and temperature indication insert.

Complete with 15 metre cable
Thread diameter: Ø21mm (½" BSP)

VR00-007	Blue tactile switch (cold) for backplates ONLY
VR00-008	Red tactile switch (hot) for backplates ONLY
AC02-049	Blue tactile switch (cold) (wall mount)
AC02-050	Red tactile switch (hot) (wall mount)
AC17-101	Solenoid valve (1 required per sensor)
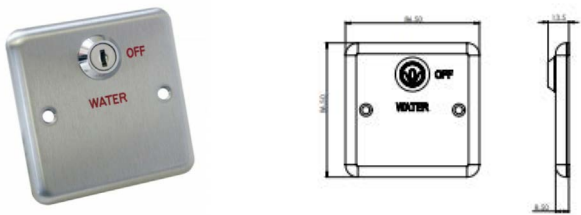
STAINLESS STEEL KEY SWITCH FOR WALL MOUNTING

Key switch for wall mounting, manufactured from stainless steel with a brushed finish. Designed to be used in conjunction with the washroom control box to isolate the water supply when necessary. Supplied with 8 metre cable.

Dimensions: 86.5 x 86.5 x 13.5mm

AC04-016	Water control key switch with 8m cable
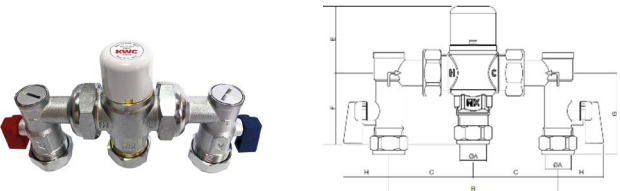
THERMOSTATIC MIXING VALVE 4IN1 – 15/22MM

TMV3 approved thermostatic mixing valve for use in basin, shower, bidet and high pressure bath fill applications (above 1 bar). Designed to control the mixed water outlet temperature to within +/- 2°C regardless of fluctuations in the temperature and pressure of the hot and cold water supplies. The valve will also shut the mixed water outlet instantly in case of hot or cold water failure.

Factory temperature setting: 41-43°C
– Temperature setting range: 38-46°C
– Temperature, hot supply: 52-65°C
– Temperature, cold supply: 5-20°C
– Minimum hot to mix differential temperature: 10°C
– Temperature stability: +/- 2°C
– Working pressure, static: 16 bar max
– Working pressure: 0.2-5
– Maximum pressure loss ratio: 10:1
– Flow rate, minimum: 4lpm
– Flow rate @ 1 bar pressure loss: 21 lpm

AC17-047	Thermostatic Mixing Valve 4in1 – 15/22mm
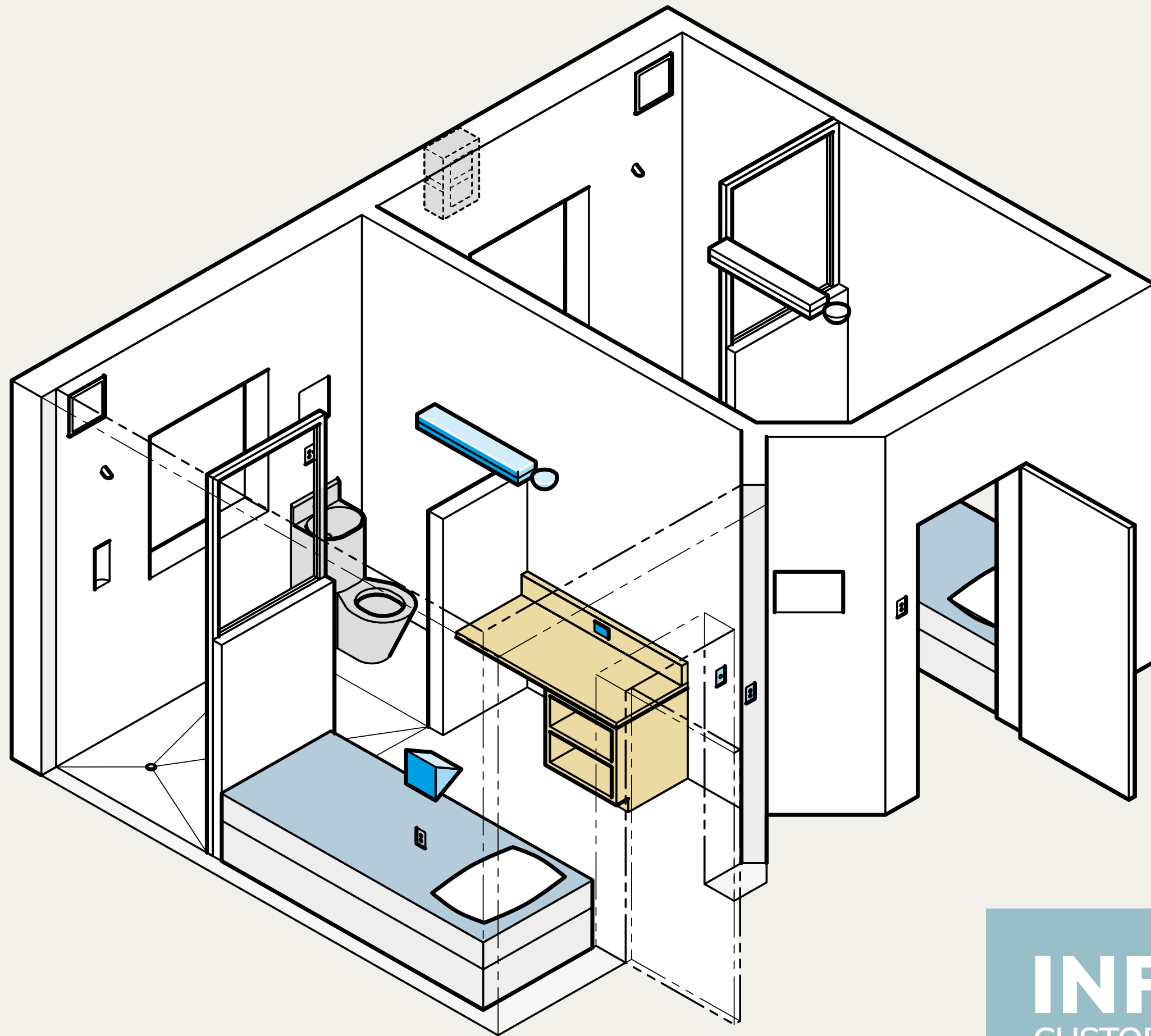
INFORM Custodial

Leading the way in control systems for high-security environments

This range of products has been developed and installed for over 20 years. INFORM High-security gives the option to control power, light & water. The newest generation of these systems has been designed to provide solutions to the changing administration and security needs within high-security and mental healthcare settings.

The INFORM HLI (High-Level Interface) allows staff to manage individual rooms or all of the rooms under their control using a user-friendly, graphical dashboard.

INFORM Custodial

Intelligent dashboard with high level interface

INFORM Custodial can manage water usage for showers, including delays, run times and recording the number of uses per day. This is ideal for high-security and mental health environments as it will indicate any patterns and behaviours that may cause concern.

WCs can be counted per day, along with delaying subsequent use and providing the option of full and half flushing. Basins can also be controlled similarly to WCs, measuring usage per day, delaying subsequent use and providing lockouts. Water use can be minimised by combining intelligent and practical limitations of fixture use and reliable, proven fixture selection.

INFORM Custodial can also form part of a system design using an intelligent dashboard to isolate rooms or groups of rooms, monitor usage, or perform diagnostics on the INFORM High-security system. For details on the INFORM High-security dashboard get in touch with our team at kwcdvsinform.gb@kwc.com

The ultimate solution for high-security environments

INFORM High-security Power, Light & Water

INFORM PLW can manage water usage for showers, basins & WCs including delays, run times, recording the number of uses per day, delaying subsequent use and providing lockouts. This is ideal for high-security and mental health environments as it will indicate any patterns and behaviours that may cause concern. Water usage can be minimised by combining intelligent and practical limitations of fixture use.

NEW
INFORM
ENABLED
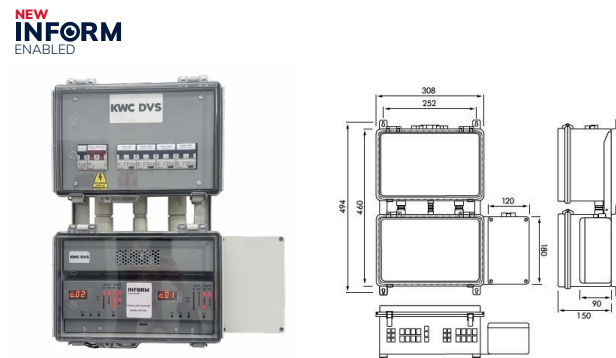
INFORM CUSTODIAL - POWER, LIGHT & WATER

Inform custodial provides a remote platform to safely manage power, light and water usage. Shower parameters can be monitored & customised including delays, run times and recording the number of uses per day. This is ideal for high-security and mental health environments as it will indicate any patterns and behaviours that may cause concern. WCs can be counted per day, along with delaying subsequent use and providing the option of full and half flushing. Basins can also be controlled similarly to WCs, measuring usage per day, delaying subsequent use and providing lockouts. Water use can be minimised by combining intelligent and practical limitations of fixture use and reliable, proven fixture selection.

IC07-001	Inform custodial - Power, Light & Water 1 room
IC07-002	Inform custodial - Power, Light & Water 2 room
Complimentary accessories:	
IC10-066	INFORM Monitor Universal kit

To enable all functions an Inform subscription will be required. Please choose from a range of our tactile switches.

With a control system that allows individual and group settings via an intuitive dashboard the ulitmate level of control for power, lighting and water can be achieved to improve building management.

POWERED BY 🛡 **WARDEN**

BLUE LIGHT
INFORM Control box
MAIN LIGHT
ROOM B
BED LIGHT
ROOM A

P   2 x 230V POWER SOCKETS
1   EXTERIOR SWITCH MAIN LIGHT
2   SWITCH BLUE LIGHT
3   SWITCH BED LIGHT 1
4   SWITCH BED LIGHT 2
5   INTERIOR SWITCH MAIN LIGHT

A single control system provides each room with the following features:

- Complete room water fixture control as per INFORM Custodial
- 230V power sockets - limited to 500 watts
- Up to 2 x room bunk lights
- 1 x main room light with internal/external switches
- 1 x external check (blue) light switch
- RCBO lighting and power circuit protection
- Low-voltage light switch cables
- Allows staff to isolate power circuits if the occupant has radio or TV outside allowable hours or noise levels
- Reduced cabling requirement, especially if the essential and non-essential design is required
- Ability to reduce consumption to essential power supplies during power failure and re-instate when required

Intelligent functions

INFORM Custodial consists of two enclosure boxes of the same size. The top box contains all the mains power connectors, 230V relay boards, supply protection equipment and conduit adaptors. The lower section contains the electronics for fixture control, low voltage I/O connections, and data communications.

This section has power supplied directly from the top box via one of the box interconnecting conduit couplings. Each box is interconnected with short conduit couplings. If there are space constraints, they can be separated.

Health & Safety requirements often demand bedhead lights are always available for inmates. The INFORM Custodial system can be configured so that room light isolation does not affect these lights. All wiring from the INFORM Custodial to the light switches is low voltage, using a standard 2-core cable. A set of volt-free contacts is made available for third-party compliance monitoring of check blue light activations. Other lighting configurations are possible where more than two occupy a single cell.

Product Comparison

	Temperature monitoring	Remote wireless valve control	Automatic firmware updates	Valve usage confirmation	Fixed time purges	Dynamic purges	Remote access to data	Configurable alarms	Reduced site visits	Remote programming	View trends and export data	On-site programming	Mains powered	Battery powered	Isolation of water via key-switch	Change control settings for WC's, wash hand basins and showers	Thermal purge	Cold water isolation tests	Verify hot & cold temperatures are reached within the required time	Remote real time purges	Extend or remove access rights to TV or radio	Remote & immediate isolation of power, light & water	Manual access to data	Remote valve control via LAN	Remote & immediate isolation of power, light & water
INFORM 6 channel control box & CMVL8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗
INFORM 6 channel control box	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗
INFORM Custodial	✗	✗	✗	✓	✗	✗	✓	✗	✗	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✓	✓	✓	✗	✓	✓
INFORM Monitor	✓	✗	✓	✗	✗	✗	✓	✓	✗	✓	✓	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
6 & 12 Channel washroom control box	✗	✗	✗	✓	✗	✓	✗	✗	✗	✗	✓	✓	✓	✗	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗
Urinal controls	✗	✗	✗	✗	✗	✓	✗	✗	✗	✗	✗	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
Tap controls	✗	✗	✗	✗	✗	✓	✗	✗	✗	✗	✗	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
Manual monitoring	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✗	✗

High-security and ligature-resistant accessories

When designing washrooms for environments prone to extreme use or vandalism, hard-wearing stainless steel and GRP accessories are essential. KWC DVS offers a comprehensive range of vandal-resistant and ligature-resistant products tailored for high-security and high-security applications.

This robust collection includes mirrors, shelves, soap dispensers, toilet roll holders, coat hooks, and more. Available in our unique GRP material or 2mm thick grade 304 stainless steel. Designed for exceptional strength, durability, and resistance to wear, KWC DVS accessories provide reliable performance in the most demanding environments.

Ligature-resistant accessories
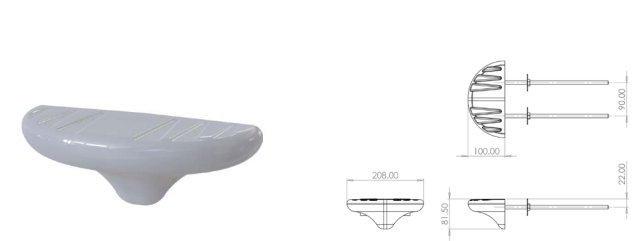
LIGATURE-RESISTANT SOAP DISH

Safe Ensuite soap dish, manufactured from GRP ligature-resistant composite material. Designed and tested to be vandal-resistant and avoid ligature points wherever possible. The techniques employed to construct these accessories are used very successfully in the field of ballistic armour manufacturing, this results in unrivalled impact-resistance . A high-grade non-porous polyester gelcoat surface specially formulated to resist chemicals and ultraviolet rays comes as standard.

Dimensions: 208 x 82 x 100mm

VR01-109   Ligature-resistant soap dish
Complimentary Accessories:
VR00-010   High tack bonding adhesive
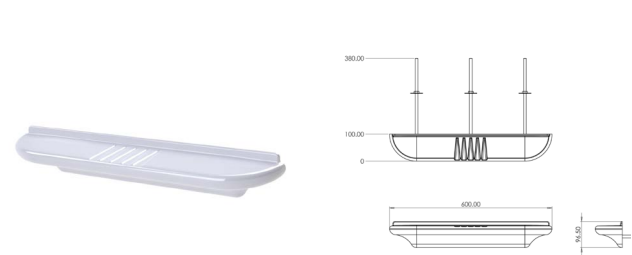
LIGATURE-RESISTANT SHELF

Safe Ensuite shelf, manufactured from GRP ligature-resistant composite material. Designed and tested to be vandal-resistant and avoid ligature points wherever possible. The techniques employed to construct these accessories are used very successfully in the field of ballistic armour manufacturing, this results in unrivalled impact-resistance . A high-grade non-porous polyester gelcoat surface specially formulated to resist chemicals and ultraviolet rays comes as standard.

Dimensions: 600 x 96.5 x 100

VR01-108   Ligature-resistant shelf
Complimentary Accessories:
VR00-010   High tack bonding adhesive

LIGATURE-RESISTANT MIRROR

Safe Ensuite mirror with moulded frame, manufactured from GRP ligature-resistant composite material. Designed and tested to be vandal-resistant and avoid ligature points wherever possible. The techniques employed to construct these accessories are used very successfully in the field of ballistic armour manufacturing, this results in unrivalled impact-resistance . A high-grade non-porous polyester gelcoat surface specially formulated to resist chemicals and ultraviolet rays comes as standard.

Dimensions: 290 x 390 x 20

VR01-025   Ligature-resistant mirror
Complimentary Accessories:
VR00-010   High tack bonding adhesive

LIGATURE-RESISTANT MIRROR WITH SHELF

Safe Ensuite mirror with moulded frame and shelf, manufactured from GRP ligature-resistant composite material. Designed with Impact resistant frame & mirror glass and tested to be vandal-resistant and avoid ligature points wherever possible. The techniques employed to construct these accessories are used very successfully in the field of ballistic armour manufacturing, this results in unrivalled impact-resistance . A high-grade non-porous polyester gelcoat surface specially formulated to resist chemicals and ultraviolet rays comes as standard.

Dimensions: 300 x 500 x 16/96mm

VR01-037   Ligature-resistant mirror with shelf
Complimentary Accessories:
**VR00-010**   High tack bonding adhesive
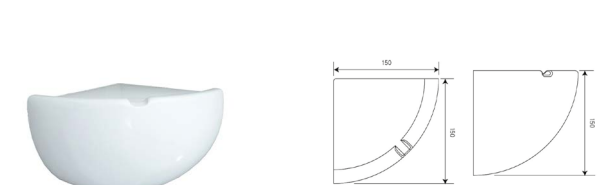
LIGATURE-RESISTANT CORNER SOAP DISH

Safe Ensuite corner soap dish, manufactured from GRP ligature-resistant composite material. Designed and tested to be vandal-resistant and avoid ligature points wherever possible. The techniques employed to construct these accessories are used very successfully in the field of ballistic armour manufacturing, this results in unrivalled impact-resistance . A high-grade non-porous polyester gelcoat surface specially formulated to resist chemicals and ultraviolet rays comes as standard.

Pre-drilled steel brackets included
Dimensions: 150 x 50 x 150mm

**VR01-026**   Ligature-resistant corner soap dish
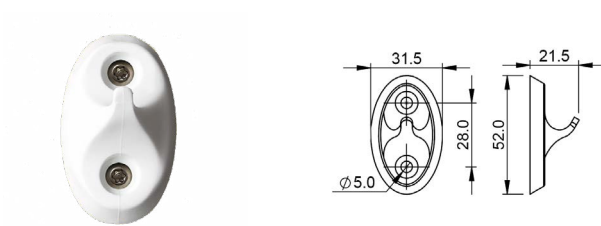
LIGATURE-RESISTANT HOOK

Ligature-resistant hook. Manufactured from. Designed to be wall-mounted and fully ligature-resistant with no sharp corners. The hook has been designed to be durable, not have any loose parts, and is resistant to chemicals. The hook can withstand over 1000 overloads, and will release once the load has reached 10kg.

Dimensions: 52 x 31 x 21mm

**VR01-054**   Ligature-resistant hook
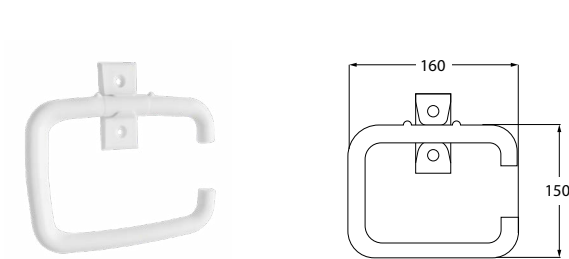
LIGATURE-RESISTANT TOILET ROLL HOLDER

Designed specifically for high-security environments, this ligature-resistant toilet roll holder features smooth edges, robust hygienic materials and has been tested by SP Technical Research Institute of Sweden.

- Releases vertical load at a maximum of 20kg

- No sharp corners-Hygienic and chemical resistant

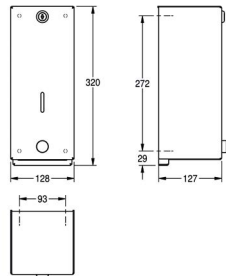**VR01-055**   Ligature-resistant toilet roll holder
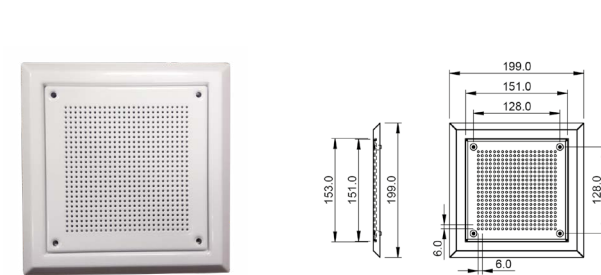
STAINLESS STEEL VENTILATION GRILLE

Stainless steel ventilation grille, made from 1.2mm thick stainless steel with a durable white powder-coated finish (custom RAL colors available on request). Featuring a ligature-resistant design, it is suitable for both wall or ceiling mounting. Supplied with tamper-proof security screws for easy and secure installation. Once installed, the grille can be sealed with anti-pick sealant for added safety.

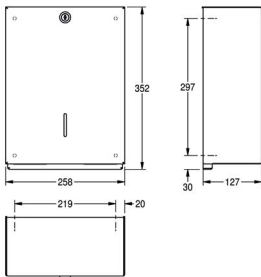|		
VR01-059	Ventilation grille	150mm x 150mm
VR01-060	Ventilation grille	200mm x 200mm
VR01-061	Ventilation grille	250mm x 250mm
VR01-062	Ventilation grille	300mm x 300mm
VR01-063	Ventilation grille	350mm x 350mm
VR01-064	Ventilation grille	400mm x 400mm
VR01-065	Ventilation grille	450mm x 450mm
VR01-066	Ventilation grille	500mm x 500mm

High-security accessories

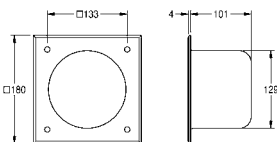### HEAVY DUTY WALL-MOUNTED SOAP DISPENSER

Manufactured from 2mm thick grade 1.4301 (304) stainless steel with a satin polish finish. The casing is held in place by a stainless steel rod fixed to the mounting plate and a security lock. Suitable for liquid soaps and lotions with push button operation and 1 litre tank accessed using the cylinder lock. Fixings included.

Heavy duty liquid soap dispenser
Capacity: 1 litre liquid soap tank
Mounting: Wall-mounted
Manual operation
Dimensions: 128 x 127 x 320mm

SD300	Wall-mounted soap dispenser
SO10L	Liquid soap, 10 litres

HEAVY DUTY WALL-MOUNTED PAPER TOWEL DISPENSER

Manufactured from 2mm thick grade 1.4301 (304) stainless steel with a satin polish finish. The casing is held in place by a stainless steel rod fixed to the mounting plate and a security lock. Suitable for z fold paper with a loading capacity of 400 - 600 pcs of paper. Fixings included.

Paper towel dispenser
Capacity: 400 - 600 paper towels
Mounting: Wall-mounted
Manual operation
Dimensions: 258 x 127 x 352mm

TD350	Wall-mounted paper towel dispenser
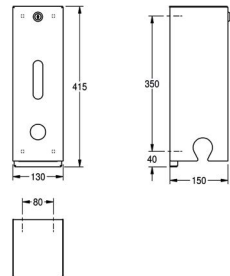
HEAVY DUTY INSET LIGATURE-RESISTANT TOILET ROLL HOLDER

Toilet paper roll compartment for installation in walls, stainless steel with a white powder coat finish. Material thickness 2,0 mm, visible surface satin finished. Round insert compartment for one WC paper roll. Mounting from front. With 4 mounting holes, fixing material included.

Dimensions 180 x 180 x 105 mm (W x H x D)

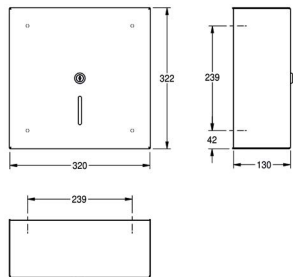|	
HDTX673E	Inset ligature-resistant toilet roll holder

HEAVY DUTY WALL-MOUNTED TOILET ROLL HOLDER

Manufactured from 2mm thick grade 1.4301 (304) stainless steel with a satin polish finish. The casing is held in place by a stainless steel rod fixed to the mounting plate and a security lock. The unit has a tear-off edge, with viewing window for reserve rolls, and comes without spindles. Suitable for rolls with a maximum width of 120mm and maximum diameter 115mm. Fixings included.

Heavy duty toilet roll holder
Capacity: 3 rolls max. dia. 115mm
Mounting: Wall-mounted
Dimensions: 150 x 415 x 130mm

HDTX674	Wall-mounted toilet roll holder

HEAVY DUTY WALL-MOUNTED JUMBO TOILET ROLL HOLDER

Manufactured from 2mm thick grade 1.4301 (304) stainless steel with a satin polish finish. The casing is held in place by a stainless steel rod fixed to the mounting plate and a security lock. Suitable for rolls with a maximum diameter of 300mm the square outer case has an inspection window to the front, and an integrated stainless steel tear-off edges. Fixings are included.

Heavy duty jumbo toilet roll holder
Capacity: Roll max. dia. 300mm
Mounting: Wall-mounted
Dimensions: 320 x 130 x 320mm

RH320	Wall-mounted jumbo toilet roll holder

STAINLESS STEEL SOAP TRAY

Soap tray for wall mounting, manufacture from stainless steel with a satin finish. Material thickness 1.0 mm, deep drawn soap dish. Supplied with stainless steel screws and dowels.

Dimensions 125 x 22 x 90 mm (W x H x D)
Soap dish with drainage

BS646	Soap dish

Accessible

KWC DVS have a range of showers, shower heads and shower packs for all high-security and high-security environments.

KWC DVS also provide a unique self-contained and extremely robust in cell shower pod fully designed and installed to the highest standards. The in-cell shower pod is tested by the Ministry of Justice and fits flush to the existing fabric of the cell and comprises of a WC, basin, mirror, shelf, LED light and shower.

High-security solutions

Accessible washrooms

DEMENTIA CARE DOC M SHOWER PACK WITH LIGATURE-RESISTANT GRAB RAILS

Doc M shower pack in red supplied with: Vita pro lever mixer shower, shower rail and hose, thermal disinfection valve, TMV3 thermostatic mixing valve and grab rail kit.

Grab rail kit includes:

1 x ligature-resistant backrest rail 400 x 150mm (RAL 3020)
1 x ligature-resistant white backrest cushion
2 x ligature-resistant hinge support rail 760 x 250mm (RAL 3020)
2 x ligature-resistant straight grab rail 35 x 600mm (RAL 3020)
1 x shower seat 650mm (RAL 3020)

DMPXVT20R

HIGH-SECURITY LIGATURE RESISTANT DOC M SHOWER PACK

Doc M ligature-resistant shower pack in blue supplied with: high-security dual outlet shower, thermal disinfection valve, TMV3 thermostatic mixing valve and grab rail kit.

Grab rail kit includes:

1 x ligature-resistant backrest rail 400 x 150mm (RAL 5011)
1 x ligature-resistant white backrest cushion
2 x ligature-resistant hinge support rail 760 x 250mm (RAL 5011)
2 x ligature-resistant straight grab rail 35 x 600mm (RAL 5011)
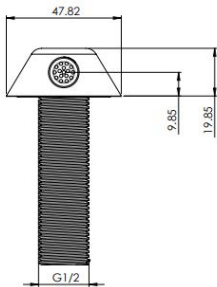1 x shower seat 650mm (RAL 5011)

DMPXVR13B

HIGH-SECURITY LIGATURE-RESISTANT DOC M SHOWER PACK

Doc M ligature-resistant shower pack in White supplied with: high-security dual outlet shower, thermal disinfection valve, TMV3 thermostatic mixing valve and grab rail kit.

Grab rail kit includes:

1 x ligature-resistant backrest rail 400 x 150mm (RAL 5011)
1 x ligature-resistant white backrest cushion
2 x ligature-resistant hinge support rail 760 x 250mm (RAL 5011)
2 x ligature-resistant straight grab rail 35 x 600mm (RAL 5011)
1 x shower seat 650mm (RAL 5011)

DMPXVR13W

Bath filling
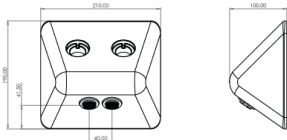
LIGATURE-RESISTANT BATH FILLING MODULE

Safe Ensuite bath module: moulded impact-resistant construction, vandal and ligature-resistant, suitable for mental healthcare, healthcare and high-security applications.

Separate sensors, control and TMV required
Dimensions: 210 x 190 x 100mm

VR01-111   Safe ensuite bath filling module

LIGATURE-RESISTANT BATH SPOUT 1/2" BSP

High-security deck mounted Spout. Ligature-resistant design. Brushed 316 Stainless Steel finish and DZR Brass BSP connection.

Separate sensors, control and TMV required

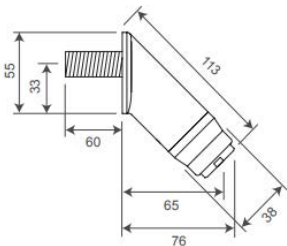**AT07-058**   Ligature-resistant bath spout
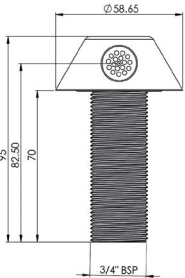
LIGATURE-RESISTANT BATH SPOUT 3/4" BSP

High-security deck mounted spout manufactured in 316 stainless steel with a brushed finish. Designed for mental healthcare and high-security environments with fully ligature-resistant design, conforming to the safer cell standards and testing. Additional TMV3 required.

DZR Brass BSP connection
Separate sensors, control and TMV required
Dimensions: 58 x 25 x 58mm

AT07-059   Ligature-resistant bath spout

45" LIGATURE-RESISTANT BATH SPOUT

45° High-security Bath Spout. Ligature-resistant design, complete with unrestricted aerator. Anti-rotation pins. Brushed Stainless Steel finish.

Separate sensors, control and TMV required.

SH07-043   Ligature-resistant bath spout

HIGH-SECURITY ASSISTED BATH SETUP - LIGATURE-RESISTANT

Accessible bath pack in stainless steel supplied with: white enameled steel bath, high-security bath filling backplate with hot and cold tactile sensors, bath control system mains operated, anti-microbial valve, thermal disinfection valve, TMV3 thermostatic mixing valve and red grab rails. Manufactured in accordance with HBN 00-10, Part C Standards.

Bath dimensions: 1700 x 700mm

Grab rails include:

3 x ligature-resistant straight grab rail 35 x 600mm (RAL 3020)

DMPX59R

HIGH-SECURITY ASSISTED BATH SETUP - LIGATURE-RESISTANT

Accessible bath pack in stainless steel supplied with: white enameled steel bath, high-security bath filling backplate with hot and cold tactile sensors, bath control system mains operated, anti-microbial valve, thermal disinfection valve, TMV3 thermostatic mixing valve and blue grab rails. Manufactured in accordance with HBN 00-10, Part C Standards.

Bath dimensions: 1700 x 700mm

Grab rails include:

3 x ligature-resistant straight grab rail 35 x 600mm (RAL 5011)

DMPX59B

HIGH-SECURITY ASSISTED BATH SETUP - LIGATURE-RESISTANT

Accessible bath pack in stainless steel supplied with: white enameled steel bath, high-security bath filling backplate with hot and cold tactile sensors, bath control system mains operated, anti-microbial valve, thermal disinfection valve, TMV3 thermostatic mixing valve and white steel grab rails. Manufactured in accordance with HBN 00-10, Part C Standards.

Bath dimensions: 1700 x 700mm

Grab rails include:

3 x ligature-resistant stainless steel straight grab rail 35 x 600mm

DMPX59W

Ligature-resistant DOC M packs with thermal disinfection

DOC M PACK BTW BLUE - LIGATURE-RESISTANT SENSOR OPERATED WITH THERMAL DISINFECTION

Blue Doc M back to wall ligature-resistant pack supplied with: Ligature-resistant GRP WC with blue top, GRP accessible WC spacer box, concealed plastic cistern kit, WC flushvalve kit with programmable sensor, ligature-resistant and short projection washbasin with backplate and cold and hot sensors, anti-microbial two station mains kit, thermal disinfection valve, TMV3 thermostatic mixing valve.

Grab rail kit includes:

1 x ligature-resistant hinged support rail 760 x 250mm (RAL 5011)
4 x ligature-resistant straight grab rail 35 x 600mm (RAL 5011)
1 x ligature-resistant straight grab rail 35 x 450mm (RAL 5011)
1 x ligature-resistant backrest with cushion 35 x 240mm (RAL 5011)

DMPX30B

DOC M PACK BTW WHITE - LIGATURE-RESISTANT SENSOR OPERATED WITH THERMAL DISINFECTION

White Doc M back to wall ligature-resistant pack supplied with: Ligature-resistant GRP WC with blue top, GRP accessible WC spacer box, concealed plastic cistern kit, WC flushvalve kit with programmable sensor, ligature-resistant and short projection washbasin with backplate and cold and hot sensors, anti-microbial two station mains kit, thermal disinfection valve, TMV3 thermostatic mixing valve.

Grab rail kit includes:

1 x ligature-resistant hinged support rail 760 x 250mm
4 x ligature-resistant straight grab rail 35 x 600mm
1 x ligature-resistant straight grab rail 35 x 450mm
1 x ligature-resistant backrest with cushion 35 x 240mm

DMPX30W

DOC M PACK BTW RED DEMENTIA CARE - WC & RAILS - MANUAL OPERATION WITH THERMAL PURGE

Red Doc M back to wall pack supplied with: ligature-resistant high-security GRP WC with red top, spacer box, cistern, tactile flusvalve kit, Variuscare barrier-free single washbasin with red coloured stripe for the visually impaired, slotted waste, bottle trap, F5L-Therm barrier-free thermostatic single-lever pillar mixer tap, hygiene unit for F5L tap, battery compartment, TMV3 thermostatic mixing valve, and grab rail kit.

Ligature-resistant grab rail kit includes:

1 x ligature-resistant hinged support rail 760 x 250mm (RAL 3020)
4 x ligature-resistant straight grab rail 35 x 600mm (RAL 3020)
1 x ligature-resistant straight grab rail 35 x 450mm (RAL 3020)
1 x ligature-resistant backrest with cushion 35 x 240mm (RAL 3020)

DMPXF5LHR   Left-hand
DMPXF5RHR   Right-hand

NEW Hygiene unit allows thermal purge override of the manual tap

Ligature-resistant grab rail packs

BLUE LIGATURE-RESISTANT GRAB RAIL PACK

The blue ligature-resistant grab rail pack is a complete solution designed to provide safety, support, and durability in high-security and healthcare environments. Featuring a robust design and ligature-resistant construction, this pack ensures optimal functionality while prioritising user safety.

Each component is manufactured with precision to resist tampering and ensure a safe environment. The vibrant blue finish is visually appealing and aids visibility, meeting accessibility standards. Perfect for high-security, healthcare, or any settings where safety and hygiene are paramount..

GRBX803

Grab rail kit includes:

GRBX141BLR	1 x Ligature-resistant straight grab rail 35 x 450mm
GRBX161BLR	4 x Ligature-resistant straight grab rail 35 x 600mm
GRBX271BLR	1 x Ligature-resistant hinged support rail 760 x 250mm
GRBX312B	1 x Blue backrest cushion
GRBX321BLR	1 x Backrest rail 400 x 150mm

WHITE LIGATURE-RESISTANT WHITE GRAB RAIL PACK

The white ligature-resistant grab rail pack is a complete solution designed to provide safety, support, and durability in high-security and healthcare environments. Featuring a robust design and ligature-resistant construction, this pack ensures optimal functionality while prioritising user safety.

Each component is manufactured with precision to resist tampering and ensure a safe environment. The vibrant blue finish is visually appealing and aids visibility, meeting accessibility standards. Perfect for high-security, healthcare, or any settings where safety and hygiene are paramount.

GRBX807

Grab rail kit includes:

GRBX141WLR	1 x Ligature-resistant straight grab rail 35 x 450mm
GRBX161WLR	4 x Ligature-resistant straight grab rail 35 x 600mm
GRBX271WLR	1 x Ligature-resistant hinged support rail 760 x 250mm
GRBX312W	1 x Backrest cushion
GRBX321WLR	1 x Backrest rail 400 x 150mm

RED LIGATURE-RESISTANT GRAB RAIL PACK

The red ligature-resistant grab rail pack is a complete solution designed to provide safety, support, and durability in high-security and healthcare environments. Featuring a robust design and ligature-resistant construction, this pack ensures optimal functionality while prioritising user safety.

Each component is manufactured with precision to resist tampering and ensure a safe environment. The vibrant blue finish is visually appealing and aids visibility, meeting accessibility standards. Perfect for high-security, healthcare, or any settings where safety and hygiene are paramount.

GRBX809

Grab rail kit includes:

GRBX141RLR	1 x Ligature-resistant straight grab rail 35 x 450mm
GRBX161RLR	4 x Ligature-resistant straight grab rail 35 x 600mm
GRBX271RLR	1 x Ligature-resistant hinged support rail 760 x 250mm
GRBX312W	1 x Backrest cushion
GRBX321RLR	1 x Backrest rail 400 x 150mm

Safer cell furniture - Castlesafe Plus

MOJ approved Safer Cell Furniture for use in areas where maximum safety and protection is required. This is our CastleSafe Plus range and is finished with solid surface material and concealed robust fixings.

The exceptionally robust nature of our CastleSafe Plus furniture makes it the first choice for MOJ Safer Cell environments. An innovative mould and water-resilient frame and substrate is finished with a solid surface resin material.

When the surface is in contact with natural or artificial light its active properties allow air purification, elimination of harmful bacteria and ensures easy cleaning.

The range includes beds, lockers, desks, stools, privacy screens, sanitation ducts and heating pipe shrouds. It is designed to withstand the most challenging conditions where maximum safety and protection is required.

Furniture
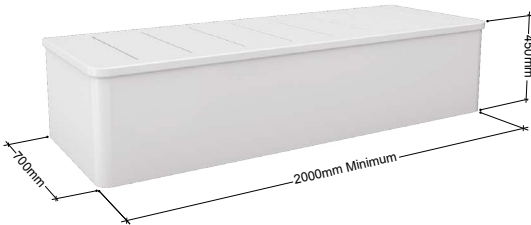
Castlesafe Plus

CASTLESAFE PLUS BED

Approved by the MOJ for use within a Safer Cell and also used within CSU, Healthcare and Observation cells. An innovative mould and water-resilient frame and substrate is finished with a solid surface resin material. When the surface is in contact with natural or artificial light its active properties allow air purification, elimination of harmful bacteria and ensures easy cleaning.

Fire-resistant and ligature-resilient design with no visible fixings. Available in different handings to suit the specific requirements of a cell layout. Can be scribed to an uneven wall or floor surface without the need for skirting. All wall and floor junctions should be sealed with hard-setting epoxy non-pick mastic. Can be manufactured to any size.

CASTLESAFE PLUS BUNK BED

Ligature-resilient in design and manufactured from either mild or stainless steel and finished with powder coating to most BS or RAL colours. The bunk bed is mechanically anchored to the wall or through the wall using threaded anchors set in epoxy resin. All wall and floor junctions should be sealed with hard-setting epoxy non-pick mastic. Can be manufactured to any size.
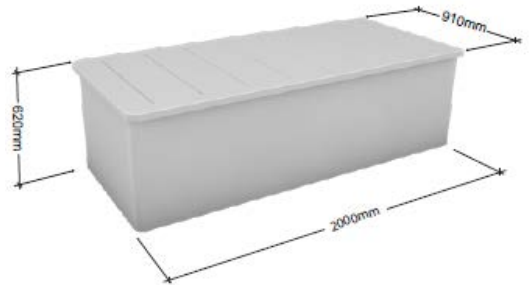
CASTLESAFE PLUS HOSPITAL BED

Approved by the MOJ for use within a Safer Cell and also used within Observation cells. An innovative mould and water-resilient frame and substrate is finished with a solid surface resin material. When the surface is in contact with natural or artificial light its active properties allow air purification, elimination of harmful bacteria and ensures easy cleaning.

Fire-resistant and ligature-resilient design with no visible fixings. Often installed central within a Healthcare cell with the head to a wall to allow access all the way around. Can be scribed to an uneven wall or floor surface without the need for skirting. All wall and floor junctions should be sealed with hard-setting epoxy non-pick mastic. Can be manufactured to any size.

CASTLESAFE PLUS LOCKER

Approved by the MOJ for use within a Safer Cell and also used within CSU, Healthcare and Observation cells. An innovative mould and water-resilient frame and substrate is finished with a solid surface resin material. When the surface is in contact with natural or artificial light its active properties allow air purification, elimination of harmful bacteria and ensures easy cleaning.
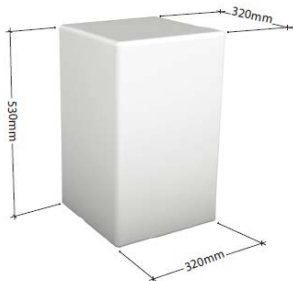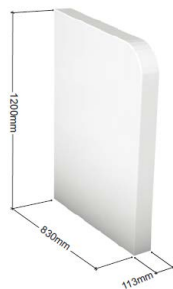
Fire-resistant and ligature-resilient design with no visible fixings. All wall and floor junctions should be sealed with hard-setting epoxy non-pick mastic. Can be manufactured to any size.

CASTLESAFE PLUS DESK

Approved by the MOJ for use within a Safer Cell. Often also used within CSU, Healthcare and Observation cells. An innovative mould and water-resilient frame and substrate is finished with a solid surface resin material. When the surface is in contact with natural or artificial light its active properties allow air purification, elimination of harmful bacteria and ensures easy cleaning.

Fire-resistant and ligature-resilient design with no visible fixings. Available in a variety of widths to suit the specific requirements of a cell layout. Widths below 900mm will not incorporate a central leg. Can be scribed to an uneven wall or floor surface without the need for skirting. All wall and floor junctions should be sealed with hard-setting epoxy non-pick mastic. Can be manufactured to any size.

CASTLESAFE PLUS STOOL

Often used within CSU, Healthcare and Observation cells. An innovative mould and water-resilient frame and substrate is finished with a solid surface resin material. When the surface is in contact with natural or artificial light its active properties allow air purification, elimination of harmful bacteria and ensures easy cleaning.

Fire-resistant and ligature-resilient design with no visible fixings. All floor junctions should be sealed with hard-setting epoxy non-pick mastic. Can be manufactured to any size.

Furniture

Castlesafe Plus

CASTLESAFE PLUS PRIVACYSCREEN

Approved by the MOJ for use within a Safer Cell and also used within CSU, Healthcare and Observation cells. An innovative mould and water-resilient frame and substrate is finished with a solid surface resin material. When the surface is in contact with natural or artificial light its active properties allow air purification, elimination of harmful bacteria and ensures easy cleaning.

Fire-resistant and ligature-resilient design with no visible fixings. Can be scribed to an uneven wall or floor surface without the need for skirting. All wall and floor junctions should be sealed with hard-setting epoxy non-pick mastic. Can be manufactured to any size.

CASTLESAFE PLUS LOW & HIGH LEVEL SANITATION DUCT- RESIN

Manufactured to meet the objectives and standards of a MOJ Safer Cell. A marine grade stainless steel or galvanised steel frame finished with a mould and water-resilient substrate and solid surface resin material. When the resin surface is in contact with natural or artificial light its active properties allow air purification, elimination of harmful bacteria and ensures easy cleaning.

Fire-resistant and ligature-resilient design with removable access panels using security headed countersunk bolts. The dimensions and configuration of access panels are made to suit the specific requirements of a cell layout. Can be scribed to an uneven wall or floor surface without the need for skirting. All wall and floor junctions should be sealed with hard-setting epoxy non-pick mastic.

CASTLESAFE PLUS LOW & HIGH LEVEL SANITATION DUCT

- STAINLESS STEEL

Manufactured to meet the objectives and standards of a MOJ Safer Cell. A marine grade stainless steel frame finished with matching 3mm thick stainless steel facing and supplied either primed ready to receive decoration, or powder coated to any standard RAL colour. This duct is popular as it has the ability to be painted as part of a cell maintenance regime. The duct is ligature-resilient in design with no visible fixings and incorporates removable access panels using security headed countersunk bolts. The dimensions, configuration of access panels and sanitaryware plumbing cut-outs are made to suit the specific requirements of a cell layout. All wall and floor junctions should be sealed with hard-setting epoxy non-pick mastic.

CASTLESAFE PLUS HEATING PIPE SHROUD

Manufactured to conceal exposed heating and other pipes whilst meeting the objectives and standards of a MOJ Safer Cell. Constructed from steel framework and finished with 304 grade stainless steel, generally without a joint, and complete with ligature-resilient fixings. The shroud may be manufactured in a variety of sizes to suit most applications and cell layouts. All wall and floor junctions should be sealed with hard-setting epoxy non-pick mastic.
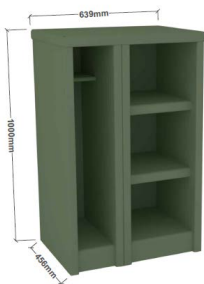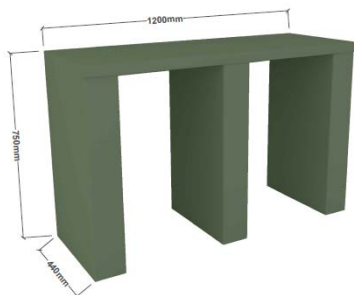
Castlesafe Home furniture

CastleSafe Home uses design and colour to create a domesticated style bedroom or cell whilst adhering to the principles of a MOJ fully compliant Safer Cell.

All furniture is finished in visually seamless solid surface material, which is extremely robust, non-porous and noncombustible, and is available in a choice of colours and finishes.

The range includes beds, lockers, desks, stools, privacy screens, sanitation ducts, heating pipe shrouds and media units. It is designed to withstand the most challenging conditions where maximum safety and protection is required.

Furniture
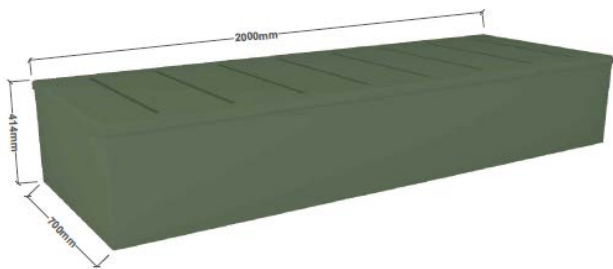
Castlesafe Home

CASTLESAFE HOME BED

Approved by the MOJ for use within a Safer Cell and also used within CSU, Healthcare and Observation cells. An innovative mould and water-resilient frame and substrate is finished with a solid surface resin material. When the surface is in contact with natural or artificial light its active properties allow air purification, elimination of harmful bacteria and ensures easy cleaning.

Fire-resistant and ligature-resilient design with no visible fixings. Available in different handings to suit the specific requirements of a cell layout. Can be scribed to an uneven wall or floor surface without the need for skirting. All wall and floor junctions should be sealed with hard-setting epoxy non-pick mastic. Can be manufactured to any size.

CASTLESAFE HOME HEATING PIPE SHROUD

Manufactured to conceal exposed heating and other pipes whilst meeting the objectives and standards of a MOJ Safer Cell. Constructed from steel framework and finished with 304 grade stainless steel, generally without a joint, and complete with ligature-resilient fixings. The shroud may be manufactured in a variety of sizes to suit most applications and cell layouts. All wall and floor junctions should be sealed with hard-setting epoxy non-pick mastic.

CASTLESAFE HOME LOCKER

Approved by the MOJ for use within a Safer Cell and also used within CSU, Healthcare and Observation cells. An innovative mould and water-resilient frame and substrate is finished with a solid surface resin material. When the surface is in contact with natural or artificial light its active properties allow air purification, elimination of harmful bacteria and ensures easy cleaning.

Fire-resistant and ligature-resilient design with no visible fixings. All wall and floor junctions should be sealed with hard-setting epoxy non-pick mastic. Can be manufactured to any size.
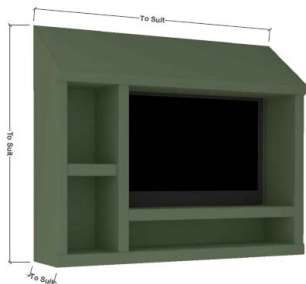
CASTLESAFE HOME MEDIA UNIT TYPE 1

Manufactured from an innovative mould and water-resilient frame and substrate, finished with a solid surface resin material. When the surface is in contact with natural or artificial light its active properties allow air purification, elimination of harmful bacteria and ensures easy cleaning.

Fire-resistant and ligature-resilient design with no visible fixings. Available in a variety of sizes to suit the specific requirements of equipment and cell layout. All wall and floor junctions should be sealed with hard-setting epoxy non-pick mastic. Can be manufactured to any size.

CASTLESAFE HOME DESK

Approved by the MOJ for use within a Safer Cell. Often also used within CSU, Healthcare and Observation cells. An innovative mould and water-resilient frame and substrate is finished with a solid surface resin material. When the surface is in contact with natural or artificial light its active properties allow air purification, elimination of harmful bacteria and ensures easy cleaning.

Fire-resistant and ligature-resilient design with no visible fixings. Available in a variety of widths to suit the specific requirements of a cell layout. Widths below 900mm will not incorporate a central leg. Can be scribed to an uneven wall or floor surface without the need for skirting. All wall and floor junctions should be sealed with hard-setting epoxy non-pick mastic. Can be manufactured to any size.

CASTLESAFE HOME MEDIA UNIT TYPE 2

Manufactured from an innovative mould and water-resilient frame and substrate, finished with a solid surface resin material. When the surface is in contact with natural or artificial light its active properties allow air purification, elimination of harmful bacteria and ensures easy cleaning.

Fire-resistant and ligature-resilient design with no visible fixings. Complete with lockable doors and protective TV panel to accommodate consoles, personal effects and avoid access to cabling. Available in a variety of sizes to suit the specific requirements of equipment and cell layout. All wall and floor junctions should be sealed with hard-setting epoxy non-pick mastic. Can be manufactured to any size.
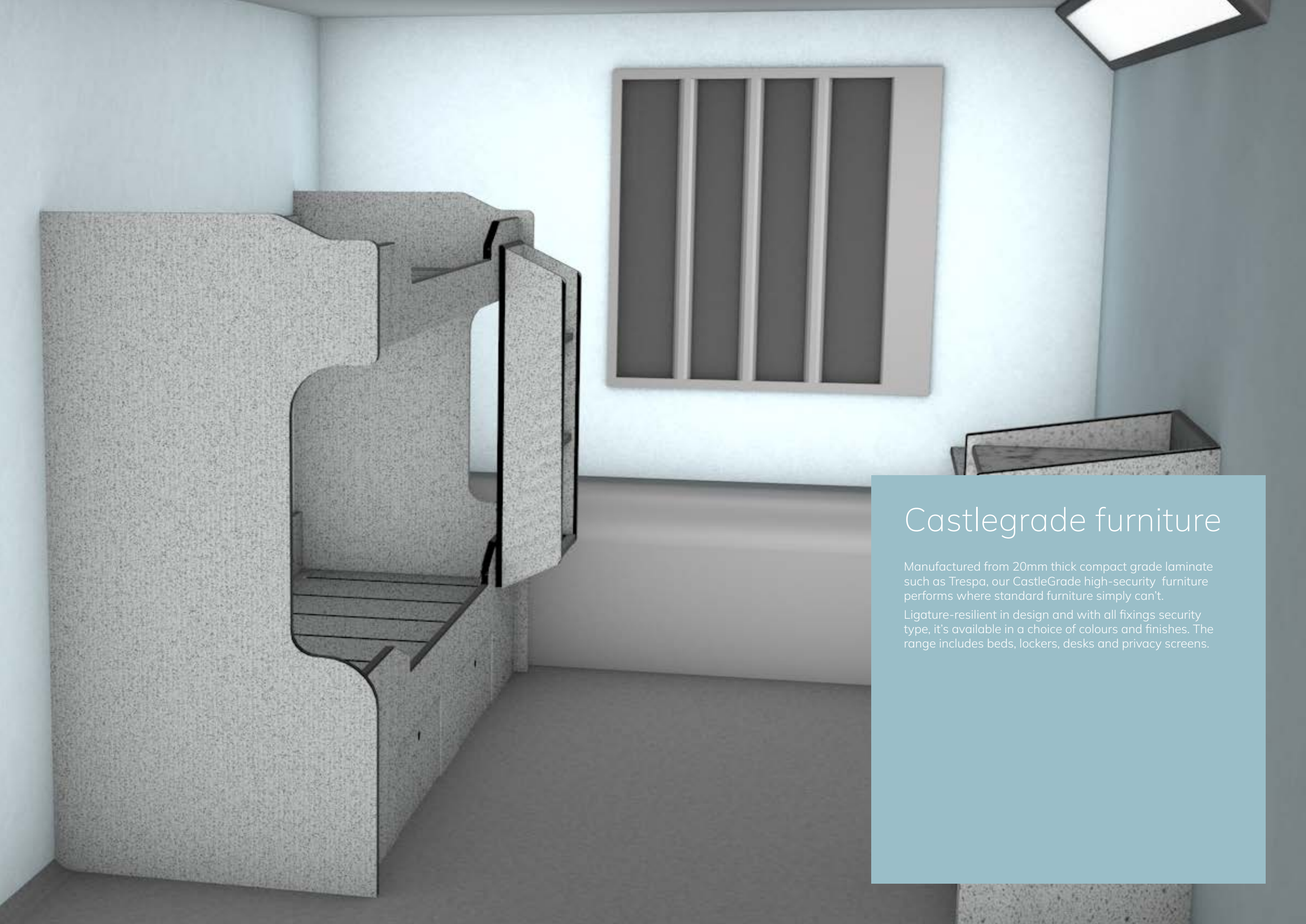
Castlegrade furniture

Manufactured from 20mm thick compact grade laminate such as Trespa, our CastleGrade high-security furniture performs where standard furniture simply can't.
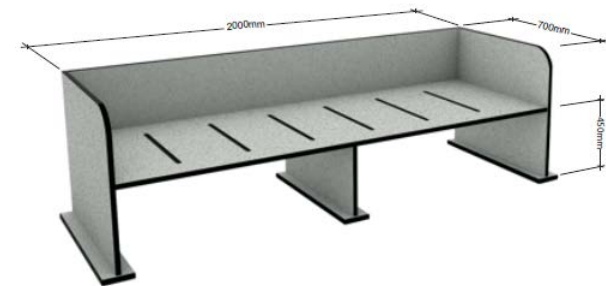
Ligature-resilient in design and with all fixings security type, it's available in a choice of colours and finishes. The range includes beds, lockers, desks and privacy screens.

Furniture

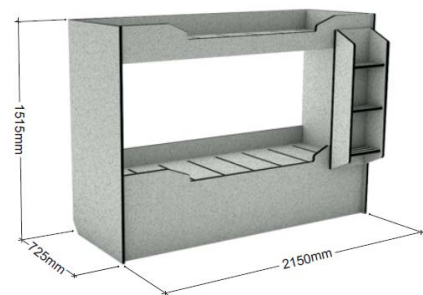# Castlegrade furniture
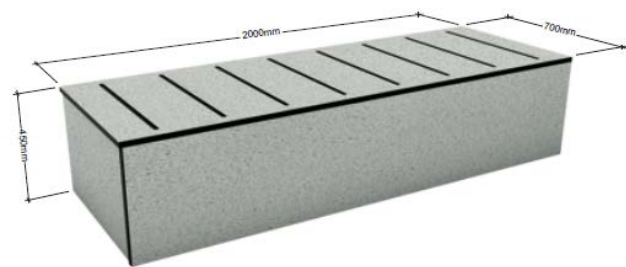
CASTLEGRADE BED ENCLOSED UNDER

Manufactured from 20mm thick compact grade laminate such as Trespa. All accessible edges are chamfered. All panels are rebated to one another to provide extra strength where applicable. Countersunk security screws are used in assembly where visible. All wall and floor junctions should be sealed with nonpick mastic. Available in a wide range of colours. Can be manufactured to any size. No need for skirting.
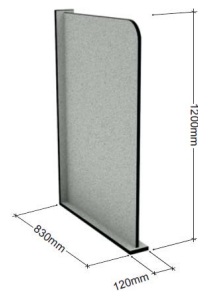
CASTLEGRADE LOCKER

Manufactured from 20mm thick compact grade laminate such as Trespa. All accessible edges are chamfered. All panels are rebated to one another to provide extra strength where applicable. Countersunk security screws are used in assembly where visible. All wall and floor junctions should be sealed with nonpick mastic. Available in a wide range of colours. Can be manufactured to any size.

CASTLEGRADE BED STORAGE

Manufactured from 20mm thick compact grade laminate such as Trespa. All accessible edges are chamfered. All panels are rebated to one another to provide extra strength where applicable. Countersunk security screws are used in assembly where visible. All wall and floor junctions should be sealed with nonpick mastic. Available in a wide range of colours. Can be manufactured to any size.
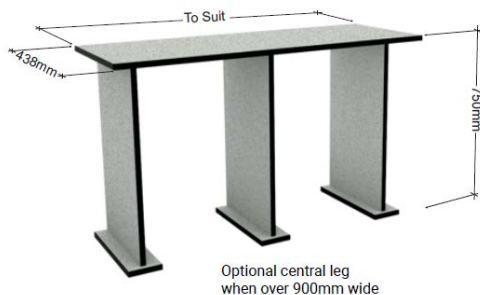
CASTLEGRADE DESK

Manufactured from 20mm thick compact grade laminate such as Trespa. All accessible edges are chamfered. All panels are rebated to one another to provide extra strength where applicable. Countersunk security screws are used in assembly where visible. All wall and floor junctions should be sealed with nonpick mastic. Available in a wide range of colours. Can be manufactured to any size. Widths below 900mm will not incorporate a central leg.

Optional central leg when over 900mm wide

CASTLEGRADE BUNK BED

Manufactured from 20mm thick compact grade laminate such as Trespa. All accessible edges are chamfered. All panels are rebated to one another to provide extra strength where applicable. Countersunk security screws are used in assembly where visible. All wall and floor junctions should be sealed with nonpick mastic. Available in a wide range of colours. Can be manufactured to any size.

CASTLEGRADE PRIVACY

Manufactured from 20mm thick compact grade laminate such as Trespa. All accessible edges are chamfered. All panels are rebated to one another to provide extra strength where applicable. Countersunk security screws are used in assembly where visible. All wall and floor junctions should be sealed with nonpick mastic. Available in a wide range of colours. Can be manufactured to any size.

Castleboard furniture

Created for environments where robustness and functionality matter, our CastleBoard cell furniture is manufactured from fire-rated, melamine-faced MDF as commonly used within standard high-security cells incorporating Whitewood furniture.

Ligature-resilient in design and with security-type fixings, the range includes beds, lockers, desks and privacy screens.
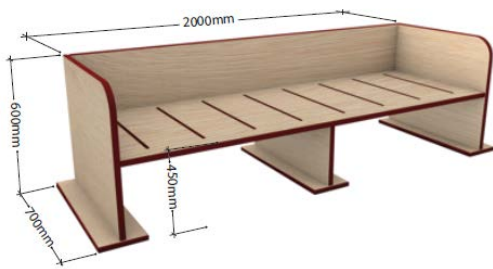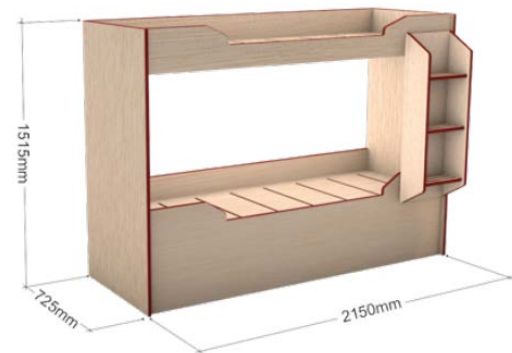
Furniture

Castleboard furniture
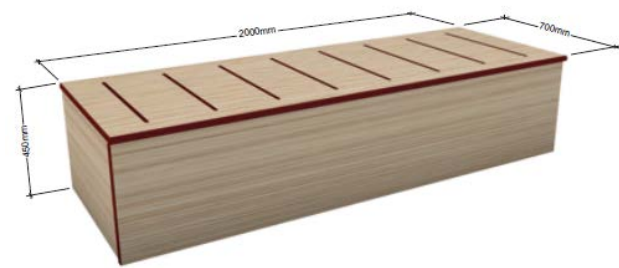
CASTLEBOARD BED ENCLOSED UNDER

Manufactured from 25mm thick pre-finished fire-rated MDF board. All accessible edges are chamfered. Countersunk security screws are used in assembly where visible. All wall and floor junctions should be sealed with nonpick mastic.

All visible edges may be sealed (as an option) and coated with two coats of clear lacquer. Available in a wide range of colours. Can be manufactured to any size.

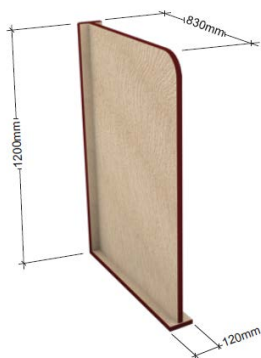### CASTLEBOARD BED STORAGE UNDER

Manufactured from 25mm thick pre-finished fire-rated MDF board. All accessible edges are chamfered. Countersunk security screws are used in assembly where visible. All wall and floor junctions should be sealed with nonpick mastic.

All visible edges may be sealed (as an option) and coated with two coats of clear lacquer. Available in a wide range of colours. Can be manufactured to any size.

CASTLEBOARD BUNK BED

Manufactured from 25mm thick pre-finished fire-rated MDF board. All accessible edges are chamfered. Countersunk security screws are used in assembly where visible. All wall and floor junctions should be sealed with nonpick mastic.

All visible edges may be sealed (as an option) and coated with two coats of clear lacquer. Available in a wide range of colours. Can be manufactured to any size.

CASTLEBOARD LOCKER

Manufactured from 25mm thick pre-finished fire-rated MDF board. All accessible edges are chamfered. Countersunk security screws are used in assembly where visible. All wall and floor junctions should be sealed with nonpick mastic. All visible edges may be sealed (as an option) and coated with two coats of clear lacquer. Available in a wide range of colours. Can be manufactured to any size.

CASTLEBOARD DESK

Manufactured from 25mm thick pre-finished fire-rated MDF board. All accessible edges are chamfered. Countersunk security screws are used in assembly where visible. All wall and floor junctions should be sealed with nonpick mastic.

All visible edges may be sealed (as an option) and coated with two coats of clear lacquer. Available in a wide range of colours. Can be manufactured to any size. Widths below 900mm will not incorporate a central leg.

CASTLEBOARD PRIVACY SCREEN

Manufactured from 25mm thick pre-finished fire-rated MDF board. All accessible edges are chamfered. Countersunk security screws are used in assembly where visible. All wall and floor junctions should be sealed with nonpick mastic.

All visible edges may be sealed (as an option) and coated with two coats of clear lacquer. Available in a wide range of colours. Can be manufactured to any size.

NJL

Furniture and accessories, shower pods and conference booths

Lambeth cell benches and accessories

Our Lambeth cell benches are exceptionally tough and used by police forces throughout the UK. They are an iconic piece of police furniture.

Built in accordance with the Metropolitan Police specification and recommended by the Home Office.

Each bench features concealed fixings and a unique concealed edge detail, all supported by a robust steel framework with a stainless steel front. We also provide dirty protest beds, benches, interview table and chairs and closed visit cubicle seating.
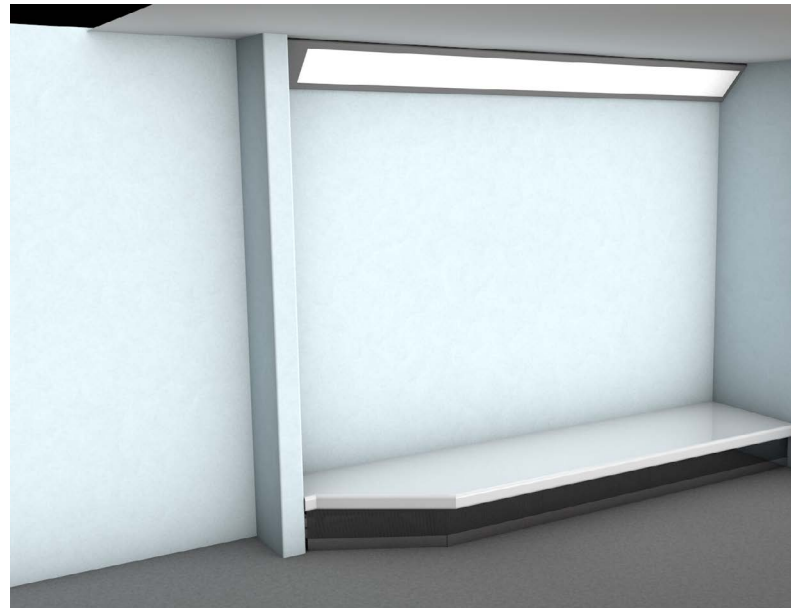
Reception desks

Our bespoke reception desks are the choice of police forces all over the UK.

Built in accordance with the Metropolitan Police specification and recommended by the Home Office.

Every reception desk we design and develop is done so with the client to ensure it meets the specific needs of their custody suite, and each delivers a robust, seamless and hygienic finish.

Shower pod

To improve decency in high-security s our modular shower pods are approved by the MOJ. They can be retrofitted into rooms or incorporated within new build modular accommodation.

Designed with robustness and ligature-resilience in mind the shower pod can be adapted to suit a particular cell layout and existing mechanical services.

Each pod is manufactured from water-resilient materials which generally includes a stainless steel frame, stainless steel outer wall, resin shower tray and internal finishes and complete with extract ventilation, WC, basin, mirror, shelf, shower and ligature-resilient curtain.

Operation of the various sanitaryware is managed by an electronic control box which may be programmed to restrict use and prevent over-use or flooding. All components are fire rated and may be repaired.

Video conference booth

To reduce the cost of attending Court, NJL has developed a safe and secure booth for use within high-security. It is enabled with secure video conferencing equipment (in conjunction with an MOJ provider).

The booth is extremely robust and boasts a number of features including ventilation, lighting, ligature-resilient design and a certified sound reduction in excess of 40 dB.

Manufactured from a powder coated metal exterior, door and frame. It's lined internally with extremely robust and hygienic acoustic panels providing chambers to absorb sound and create pathways for a variety of cable routes.

The door is double glazed creating an acoustic chamber and available to suit a number of lock options. The VC Booth may be situated within both legal visit areas and live wings. When used within a live wing a number of additional options are available including a pitched anti-climb roof.
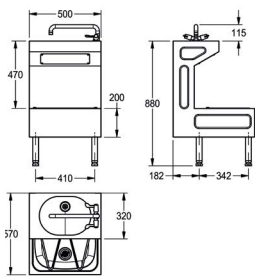
Cleaning and janitorial sinks

Our range of cleaning and janitorial products suitable for high-security and high-security facilities, offering durability, safety, and efficiency. Made from high-quality materials, our products withstand heavy use while maintaining the highest hygiene standards.

Cleaning and janitorial

HEALTHCARE COMPLIANT JANITORIAL UNIT

Manufactured from 1.2mm thick, grade 1.4301 (304) stainless steel (except for lower bowl - 0.9mm). Supplied complete with lever operated monobloc mixer. With copper tails, 32mm flush grated waste outlet for top wash bowl and 38mm domed waste (for lower bowl). The janitorial unit can be fixed with 4 legs for floor standing or part wall hung / floor standing by using two of the front legs or alternatively the unit can be fitted as a wall hung unit by using the joggle strip provided. Manufactured in accordance with HTM 64/HBN 00-10, Part C Standards.

Tap: Monobloc mixer
Without overflow
Dimensions: 500 x 995 x 570mm

G20055N	Janitorial unit
Complimentary accessories:	
G20051N	Combination waste kit
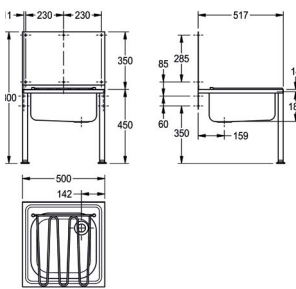
STAINLESS STEEL FLOOR STANDING BUCKET SINK

Manufactured from 1.2mm thick, grade 1.4301 (304) stainless steel. Designed with splash back, hinged grating, 38mm BSP waste fitting and complete with integral wall brackets. The bucket sink is supported on two front legs and is held in position by screwing the two integral wall brackets directly to the wall. Screws and wall plugs are not supplied. Stainless steel bucket is not included.

Dimensions: 500 x 800 x 517mm

|	
G21663N	Bucket sink
Complimentary accessories:	
F1071/3N	Pair of bib taps
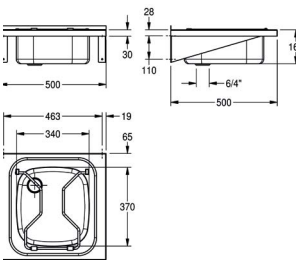
CLEANERS SINK WITH GRID FOR WALL MOUNTING

Manufactured from 1.5mm thick, grade 1.4301 (304) stainless steel with a satin finish. Designed with a seamlessly welded bowl with rounded edges. Incorporates 38mm plug waste with a plastic overflow pipe, drainage back left, 30mm rear up-stand. Supplied with stainless steel grid with rubber bumps, stainless steel screws and dowels.

Mounting: Wall-mounted
Bowl dimensions: 370 x 160 x 340mm
Dimensions: 500 x 160 x 500mm

|	
WB500GV	Cleaners sink with grid for wall mounting
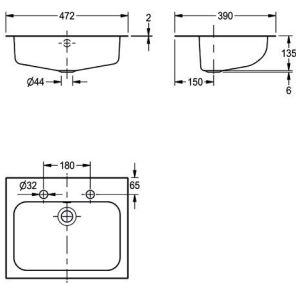
INSET WASH BASIN WITH TAP LANDING

Manufactured from 0.9mm thick grade 1.4301 (304) stainless steel. Prepared with a 32mm waste outlet and overflow hole and a rear ledge with two tap holes suitable for either basin taps or mixer taps. Supplied with fixing clips for insetting into worktops. Waste kit is available as an extra.

Finish: Descaled
Tap holes: 2
With overflow
Waste: Centre
Bowl dimensions: 410 x 265 x 140mm
Dimensions: 472 x 390 x 140mm

|	
D20168N	Inset washbasin
Mandatory accessories:	
F2117	32mm waste, plug, chain and overflow
Complimentary accessories:	
F1074N	3mm high neck lever taps
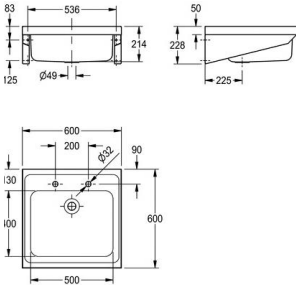
WALL-MOUNTED SINGLE BOWL SINK

Manufactured from 1.2mm thick, grade 1.4301 (304) stainless steel with a satin polish finish. The sink top is turned down on all four edges and incorporates a wet area recess. The bowl is prepared for a 38mm waste outlet and the sink top can either be mounted on wall brackets or front leg supports (sold separately). NOTE: It is not possible to fit an overflow. Manufactured in accordance with HTM 64 / HBN 00-10, Part C Standards.
Without overflow
Bowl dimensions: 500 x 400 x 200mm
Dimensions: 600 x 600 x 218mm

G22002N	Without tap holes
G22002NT	Tap holes: 2 at 200mm centres
Mandatory accessories:	
F2068	38mm flush grated waste
G26523L/R	Stainless steel cantilever bracket left/right
OR	
G26524L/R	Stainless steel front leg support left/right
Complimentary accessories:	
F1074N	3mm high neck lever taps
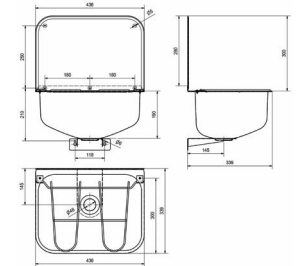
WALL-MOUNTED CLEANERS SINK WITH GRID

Manufactured from grade 1.4301 (304) stainless steel, material thickness 0.9mm, with splash back, hinged grating, 38mm BSP waste fitting and complete with an integral wall bracket.

Cleaners sink
Mounting: Wall-mounted
Bowl dimensions: 436 x 190 x 300mm
Dimensions: 436 x 490 x 339mm

|	
WB440COP-UK	Cleaners sink

Catering

Designed for the demanding conditions of high-security and high-security facilities, our stainless steel catering sinks, tables, and equipment provide the ultimate combination of strength, hygiene, and longevity. Manufactured from high-grade stainless steel, our products are resistant to vandalism, corrosion, and heavy daily use, ensuring durability in the most challenging environments.
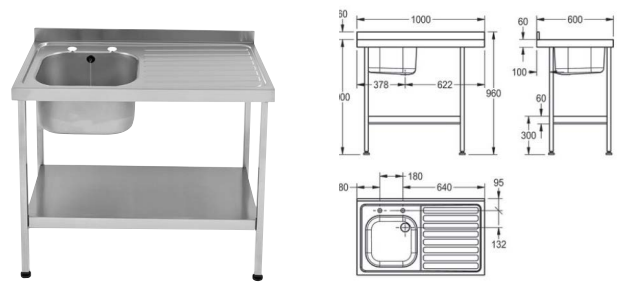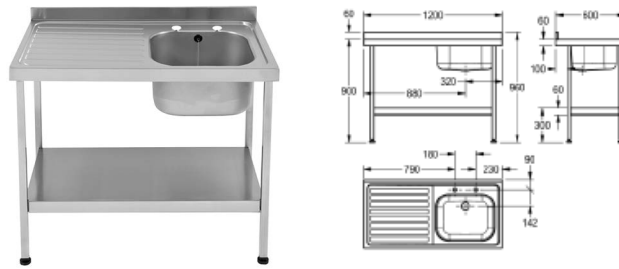
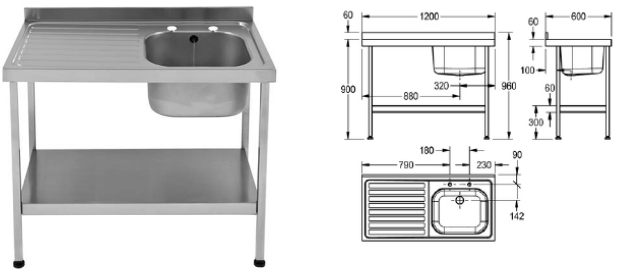# Mini Catering Sinks

MINI CATERING SINKS - SINGLE BOWL

Mini sinks are manufactured from 1.2mm thick authentic grade stainless steel polished to a satin finish. Single bowl sinks are all suppled with 38mm waste, plug, chain and overflow. Single bowl sinks have two holes drilled at 180mm centre suitable for either `1mm pillar taps or mixer taps. An earthing lug is fitted under the drainer. Stainless steel under frames complete with shelf are supplied in a flat pack form.

L OR R after the code refers to the handing of the drainer.

External: 1000x600mm
Bowl: 400x400x250mm

Single Drainer

| **E20601L/R**	Single Bowl and drainer
Complimentary accessories:	
K20670N	Stand & shelf for E20601L/R
F1081N	13mm crosshead high neck pillar taps OR
F1083N	13mm fluted taps

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L OR R after the code refers to the handing of the drainer.

External: 1200x600mm
Bowl: 500x400x250mm

Single Drainer

| **E20602L/R**	Single Bowl and drainer
Complimentary accessories:	
K20671N	Stand & shelf for E20602L/R & E20603L/R
F1081N	13mm crosshead high neck pillar taps OR
F1083N	13mm fluted taps

MINI CATERING SINKS - SINGLE BOWL

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L OR R after the code refers to the handing of the drainer.

External: 1200x600mm
Bowl: 500x400x300mm

Single Drainer

E20603L/R	Single Bowl and drainer
Complimentary accessories:	
K20671N	Stand & shelf for E20602L/R & E20603L/R
F1081N	13mm crosshead high neck pillar taps OR
F1083N	13mm fluted taps
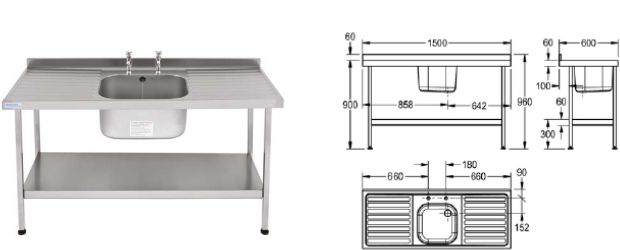
MINI CATERING SINKS - DOUBLE DRAINER

Mini sinks are manufactured from 1.2mm thick authentic grade stainless steel polished to a satin finish. Single bowl sinks are all suppled with 38mm waste, plug, chain and overflow. Single bowl sinks have two holes drilled at 180mm centre suitable for either 1mm pillar taps or mixer taps. An earthing lug is fitted under the drainer. Stainless steel under frames complete with shelf are supplied in a flat pack form.

L OR R after the code refers to the handing of the drainer.

External: 1500X600mm
Bowl: 500x400x300mm

Double Drainer

| **E20604N**	Double drainer
Complimentary accessories:	
K20672N	Stand & shelf for E20604N
F1081N	13mm crosshead high neck pillar taps OR
F1083N	13mm fluted taps
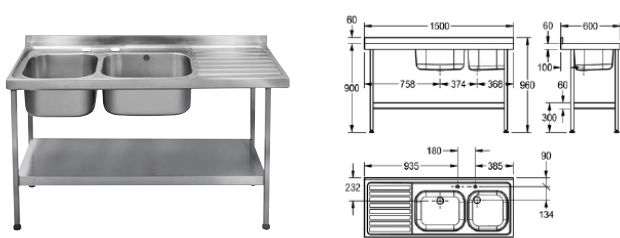
MINI CATERING SINKS 600MM WIDE - DOUBLE BOWL

Mini sinks are manufactured from 1.2mm thick authentic grade stainless steel polished to a satin finish. The larger bowl is fitted with a 38mm waste, plug, chain and overflow and the smaller outer bowl supplied with a 38mm basket strainer waste outlet. They are both drilled for mixer taps only.

An earthing lug is fitted under the drainer. Stainless steel underframes complete with shelf are supplied in a flat pack form. Each leg is fitted with an adjustable foot with a working height of 900mm.

External: 1500x600mm
Bowl: 500x400x250mm and 400x400x250mm

Single Drainer

E20605L/R	
Complimentary accessories:	
K20672N	Stand & Shelf
F1026N	13mm deck pattern mixer tap
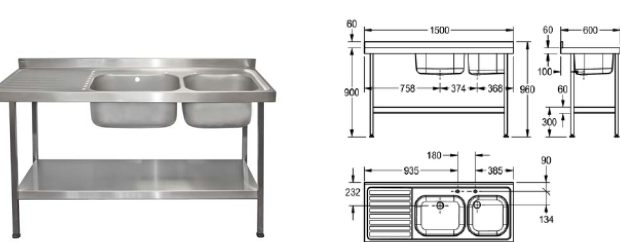
MINI CATERING SINKS 600MM WIDE - DOUBLE BOWL

Mini sinks are manufactured from 1.2mm thick authentic grade stainless steel polished to a satin finish. The larger bowl is fitted with a 38mm waste, plug, chain and overflow and the smaller outer bowl supplied with a 38mm basket strainer waste outlet. They are both drilled for mixer taps only.

An earthing lug is fitted under the drainer. Stainless steel underframes complete with shelf are supplied in a flat pack form. Each leg is fitted with an adjustable foot with a working height of 900mm.

External: 1500x600mm
Bowl: 500x400x300mm and 400x400x250mm

Single Drainer

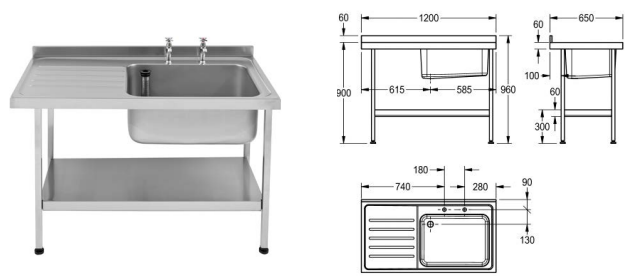| **E20606L/R**	
Complimentary accessories:	
K20672N	Stand & Shelf
F1026N	13mm deck pattern mixer tap
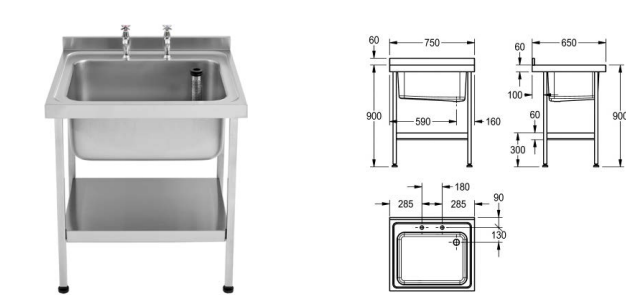
Catering

MIDI CATERING SINK 750MM X 650MM

Manufactured from 1.2mm thick, grade 1.4301 (304) stainless steel, with a satin finish. Designed with an earthing lug fitted under the drainer. Stainless steel underframes and shelf (sold separately) are supplied in a flat pack form with easy to read assembly instructions. Each leg is fitted with an adjustable foot (-20, +10mm) with a working height of 900mm. The sink is supplied with 38mm waste and standpipe strainer overflow.

No drainer
Tap holes: 2 at 180mm centres
Bowl dimensions: 600 x 450 x 300mm
Dimensions: 750 x 900 x 650mm

E20608NP   Complete with underframe
Complimentary accessories:
F1081N   13mm crosshead pillar taps
F1083N   13mm fluted handle pillar taps
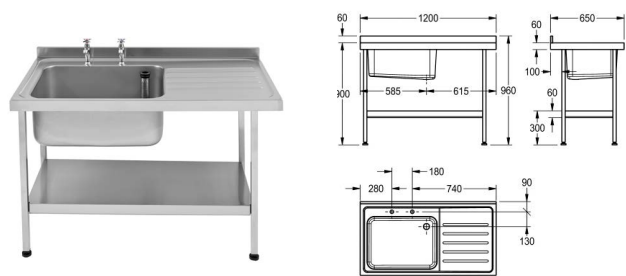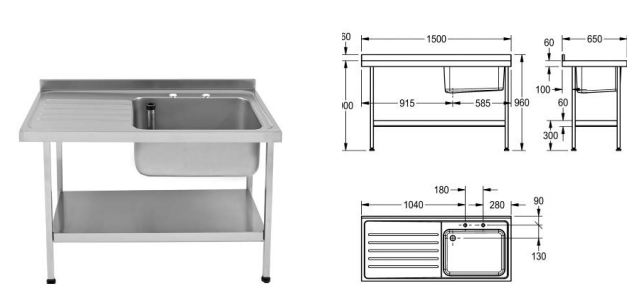**F1026N**   13mm deck pattern mixer tap

MIDI CATERING SINK 1200MM X 650MM WITH LEFT-HAND DRAINER

Manufactured from 1.2mm thick, grade 1.4301 (304) stainless steel, with a satin finish. Designed with an earthing lug fitted under the drainer. Stainless steel underframes and shelf (sold separately) are supplied in a flat pack form with easy to read assembly instructions. Each leg is fitted with an adjustable foot (-20, +10mm) with a working height of 900mm. The sink is supplied with 38mm waste and standpipe strainer overflow.

Drainer: Left-hand drainer
Tap holes: 2 at 180mm centres
Bowl dimensions: 600 x 450 x 300mm
Dimensions: 1200 x 900 x 650mm

E20610LP   Complete with underframe
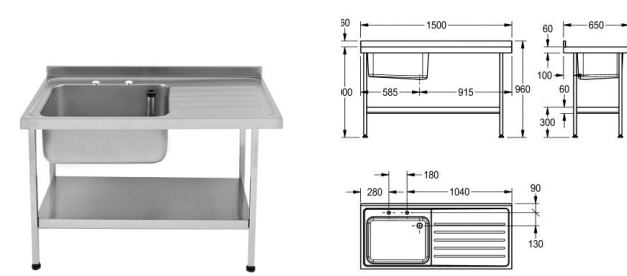**E20610LTP**   Complete with stand pack and F1083N taps

MIDI CATERING SINK 1200MM X 650MM WITH RIGHT-HAND DRAINER

Manufactured from 1.2mm thick, grade 1.4301 (304) stainless steel, with a satin finish. Designed with an earthing lug fitted under the drainer. Stainless steel underframes and shelf (sold separately) are supplied in a flat pack form with easy to read assembly instructions. Each leg is fitted with an adjustable foot (-20, +10mm) with a working height of 900mm. The sink is supplied with 38mm waste and standpipe strainer overflow.

Drainer: Right-hand drainer
Tap holes: 2 at 180mm centres
Bowl dimensions: 600 x 450 x 300mm
Dimensions: 1200 x 900 x 650mm

E20610RP   Complete with underframe
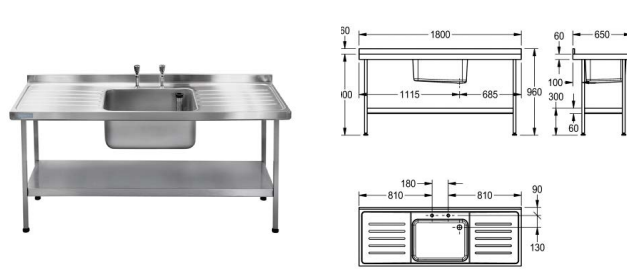**E20610RTP**   Complete with stand pack and F1083N taps

MIDI CATERING SINK 1500MM X 650MM WITH LEFT-HAND DRAINER

Manufactured from 1.2mm thick, grade 1.4301 (304) stainless steel, with a satin finish. Designed with an earthing lug fitted under the drainer. Stainless steel underframes and shelf (sold separately) are supplied in a flat pack form with easy to read assembly instructions. Each leg is fitted with an adjustable foot (-20, +10mm) with a working height of 900mm. The sink is supplied with 38mm waste and standpipe strainer overflow.

Drainer: Left-hand drainer
Tap holes: 2 at 180mm centres
Bowl dimensions: 600 x 450 x 300mm
Dimensions: 1500 x 900 x 650mm

E20612LP   Complete with underframe
E20612LTP   Complete with stand pack and F1083N taps

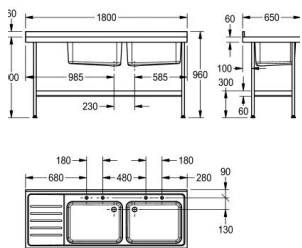## MIDI CATERING SINK 1500MM X 650MM WITH RIGHT-HAND DRAINER

Manufactured from 1.2mm thick, grade 1.4301 (304) stainless steel, with a satin finish. Designed with an earthing lug fitted under the drainer. Stainless steel underframes and shelf (sold separately) are supplied in a flat pack form with easy to read assembly instructions. Each leg is fitted with an adjustable foot (-20, +10mm) with a working height of 900mm. The sink is supplied with 38mm waste and standpipe strainer overflow.

Drainer: Right-hand drainer
Tap holes: 2 at 180mm centres
Bowl dimensions: 600 x 450 x 300mm
Dimensions: 1500 x 900 x 650mm

E20612RP   Complete with underframe
E20612RTP   Complete with stand pack and F1083N taps

MIDI CATERING SINK 1800MM X 650MM WITH SINGLE BOWL AND DOUBLE DRAINER

Manufactured from 1.2mm thick, grade 1.4301 (304) stainless steel, with a satin finish. Designed with an earthing lug fitted under the drainer. Stainless steel underframes and shelf (sold separately) are supplied in a flat pack form with easy to read assembly instructions. Each leg is fitted with an adjustable foot (-20, +10mm) with a working height of 900mm. The sink is supplied with 38mm waste and standpipe strainer overflow.

Drainer: Double drainer
Tap holes: 2 at 180mm centres
Bowl dimensions: 600 x 450 x 300mm
Dimensions: 1800 x 900 x 650mm

E20614DP   Complete with underframe
E20614DTP   Complete with stand pack and F1083N taps
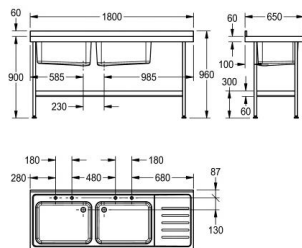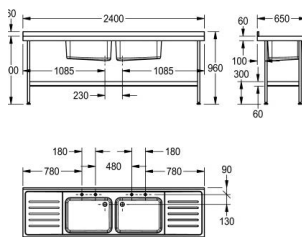
Catering

MIDI CATERING SINK 1800MM X 650MM WITH LEFT-HAND DRAINER

Manufactured from 1.2mm thick, grade 1.4301 (304) stainless steel, with a satin finish. Designed with an earthing lug fitted under the drainer. Stainless steel underframes and shelf are supplied in a flat pack form with easy to read assembly instructions. Each leg is fitted with an adjustable foot (-20, +10mm) with a working height of 900mm. The sink is supplied with 38mm waste and standpipe strainer overflow.

Drainer: Left-hand drainer
Bowl dimensions: 600 x 450 x 300mm
Dimensions: 1800 x 650mm

E20616LP	Complete with underframe
E20616LTP	Complete with stand pack and F1083N taps

MIDI CATERING SINK 1800MM X 650MM WITH RIGHT-HAND DRAINER

Manufactured from 1.2mm thick, grade 1.4301 (304) stainless steel, with a satin finish. Designed with an earthing lug fitted under the drainer. Stainless steel underframes and shelf are supplied in a flat pack form with easy to read assembly instructions. Each leg is fitted with an adjustable foot (-20, +10mm) with a working height of 900mm. The sink is supplied with 38mm waste and standpipe strainer overflow.

Drainer: Right-hand drainer
Bowl dimensions: 600 x 450 x 300mm
Dimensions: 1800 x 650mm

|	
E20616RP	Complete with underframe
E20616RTP	Complete with stand pack and F1083N taps

MIDI CATERING SINK 2400MM X 650MM WITH DOUBLE DRAINER

Manufactured from 1.2mm thick, grade 1.4301 (304) stainless steel, with a satin finish. Designed with an earthing lug fitted under the drainer. Stainless steel underframes and shelf (sold separately) are supplied in a flat pack form with easy to read assembly instructions. Each leg is fitted with an adjustable foot (-20, +10mm) with a working height of 900mm. The sink is supplied with 38mm waste and standpipe strainer overflow.

Drainer: Double drainer
Bowl dimensions: 600 x 450 x 300mm
Dimensions: 2400 x 650mm

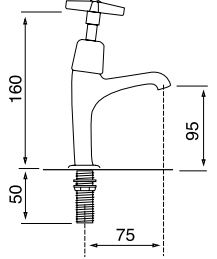|	
E20618DP	Complete with underframe
E20618DTP	Complete with stand pack and F1083N taps
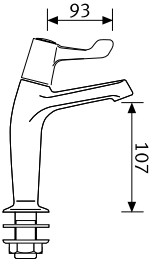
OPTIMA ADRIATIC HIGH NECK LEVER TAPS

For connecting to hot and cold water. Manufactured from chromium-plated brass.

Mounting: Deck mounted
Spout projection: 93mm

F1330N

CROSSHEAD PILLAR TAPS

For connecting to hot and cold water. The 13mm basin taps are manufactured from chromium-plated brass. Ideal for smaller sinks.

Mounting: Deck mounted
Spout projection: 75mm

F1081N

WALL MOUNTED BIB TAPS

Wall-mounted pair of bib taps with 13mm diameter spout, supplied with hot and cold water indicators. These F1071/3N bib taps have a manual crosshead control, and are made from chrome-plated brass. These taps can be purchased with a pair of wall extensions to provide an additional 80mm depth to the overall tap.

Flow rate set at 0.6lpm at 3 bar pressure
Conforms to BS5412 standard
DN 15

F1071/3N	Pair of bib taps
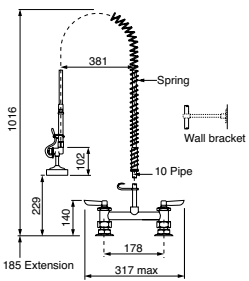
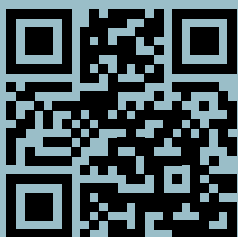### DECK PATTERN MIXER OVERHEAD SPRAY

For connecting to hot and cold water. The pre-rinse overhead sprays are suitable for those locations where there is a need for a thorough rinsing of utensils and crockery in dish-washing areas. The deck pattern mixer overhead spray is designed for tap hole centres of 180mm. Supplied complete with spray valve and 150mm wall bracket. Suitable for temperatures up to 54°C. Manufactured from chromium-plated brass.

Mounting: Deck mounted
Spout projection: 381mm

F1062

DELABIE | DVS

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information visit our
website