

 **ISSUE 2**
APR 2023


galvinspecialised
commercial taps + fixtures

Water Solutions for a Healthier Environment



Hospital and Healthcare
Solutions

Today's challenges

Delivering quality care is becoming more complex, technologically-driven, and evidence-based. It's no surprise then, that the infrastructure that supports hospitals and other health care services is also becoming more sophisticated in its design, construction, and functionality.

Plumbing systems in modern care facilities are becoming more complex and these facilities are facing increasing sustainability pressures. That's why, when it comes to water systems, many contemporary approaches to design and daily operations focus on water conservation.

As a result, many facilities have:

- Extended the collection and storage of water for on-site use;
- Increased use of recycled and tank water combined with increasingly low-flow tapware;
- Encouraged extensive use of alcohol hand gels to reduce traditional hand wash sanitation (by up to 80%).

While water-saving measures helps hospitals and other health care facilities adhere to sustainability benchmarks—they can have negative, unintended consequences when it comes to the risk of contamination of water systems.

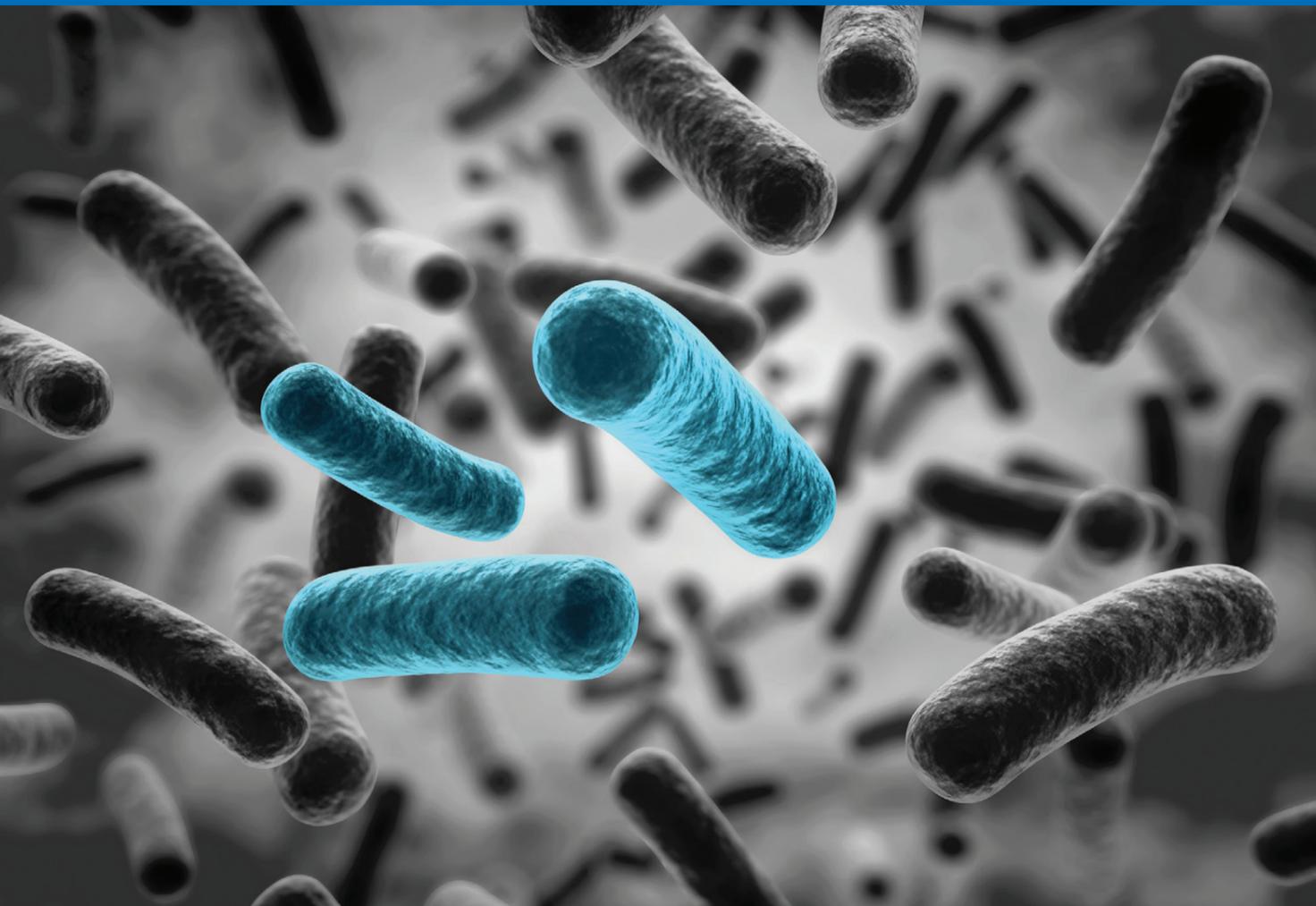
It means that many facilities are harbouring water in their systems for much longer than previously. In addition, many facilities do not have systems in place to be able to determine how their water system is performing in terms of temperatures and levels of flow.

This may result in water environments ideal for bacterial growth and Legionella colonisation.

Preventing conditions that leads to biofilm, growth of bacteria, and disease spread, all starts with best-practice design of hydraulic systems. Various configurations for the design of water systems will be shaped by the type and layout of a building and its use—however, a key requirement for such systems generally is the need to incorporate a means of disinfecting and draining the system. The following design features are of particular importance:

- Minimising 'dead legs' through plumbing design
- Avoiding water stagnation by enabling system flushing

Galvin Engineering offers a wide range of solutions and products that help assist with compliance to enHealth National Legionella Guidelines addressing current concerns such as infection control, hand hygiene and scald protection.



Key benefits delivered by our solutions



Lead Safe™

Our GalvinClear® Lead Safe™ products comply with NCC 2022 Vol. Three, Lead Free Requirements and NSF/ANSI 372 standard. They include products manufactured from lead free 316 Stainless Steel (0% lead for drinking bubblers) and low lead DZR Brass (< 0.25% lead).



Anti-ligature

Our GalvinCare® and Wallgate brands offer extensive ranges of tapware and fixtures for the mental health wards. The heavy-duty products are safe to use while providing a normal look and feel including warm to touch toilets and basins.



Smart – no touch, Bluetooth

In line with delivering water solutions for a healthier environment and increased requirements for water quality risk management plans; we have released our smart sensor tapware with the option of automated sanitary flushing and incorporation of Bluetooth technology to enable simple easy adjustment of run time settings and sanitary flushing from a mobile device.



Scald protection

Designed to provide stable mixed temperature and rapid shut down in the event of cold or hot water supply failure.

Anti-scald adjustable stop ring.

Hot/cold (red/blue) and warm/cold (yellow/blue) indicators included across the range, including oversized indicators for aged care products.



Cost effective

Our durable products and low ongoing maintenance costs provide whole of life cost advantages. Furthermore, our TMV monitoring and dead leg detection systems allow for significant water, energy and cost savings including reduced compliance costs.

Effective infection control



Our smart hands-free sensor tapware enables automatic flushing of fixtures for optimal Legionella control (including options with Bluetooth connectivity).



(a) Laminar flow



(b) Turbulent flow

All our health tapware includes laminar flow water straighteners and self-draining outlets for effective infection control.

Our anti-microbial tapware with germ-shield® coating system provides effective control against bacteria, mould and fungi thanks to its silver micro composites, while our sanitaryware with Nanoglaze technology offers anti-bacterial properties thanks to its ultra-smooth glazing.

Our progressive and multi-point Thermostatic Mixing Valves (TMVs) and tapware products can be fitted to easily undertake thermal disinfection of warm and cold side of valve and down stream



Digital system monitoring software available for TMV performance and dead leg detection providing significant water, energy and cost savings.

Environmentally sustainable



We are doing our bit to minimise our environmental footprint with most of our products achieving a highly water efficient 4, 5 or 6 star WELS rating.



Additionally, as an ISO 14001 certified local manufacturer we are especially passionate about recycling waste and preserving Australia's lands, waterways, coastlines, wildlife, vegetation, and climate and are committed to 100% recyclable, reusable or compostable packaging by 2025.

Certifications and Warranties



Our products are AS 3718 certified, and we also offer NSF/ANSI 372 certified options.



We are a fourth-generation family owned Australian manufacturing company operating since 1930 and an Australian Made licensee.

We offer extended warranty periods for major projects.

Our tapware and sanitaryware are compliant to Australasian Health Facilities Guidelines (AusHFG)

Our products in detail



Galvin Engineering offers a vast range of hospital and healthcare solutions from ensuites to back of house:

- **Basins**
 - Type A - Clinical basin large (scrub basin)
 - Type B - Clinical basin medium
 - Type C - Non-clinical basin small/medium incl. accessible options
- **Shower sets, grab rails and ClevaCare kits**
- **Sinks/cleaner sinks**
- **Dirty utility/ped pan**
- **Kitchen**
- **Laundry**
- **WC (bariatric)**
- **Thermostatic mixing valves (multi-point)**
- **Floor grates and cleanouts**
- **Personnel emergency decontamination systems**

Basins

Best practice has recognised that hobs and benchtops should be free of equipment to reduce the build-up of scum and bacteria, and to improve the effectiveness of cleaning. This has led to a move to wall mounted tapware in healthcare facility design. In addition, products with smooth lines and curves are being favoured over products with hard edges or ridges as they further reduce cleaning time.

Our CliniLever® tapware range features patented inline isolators and screen filters that can be easily and quickly isolated and removed for cleaning and maintenance using the inline ball valve. The inline filter also reduces the risk of debris fouling the tap valve and internals.

Type A: Clinical Basin – Large (Scrub Basin)

Type A clinical scrub basin is required in selected areas requiring clinical hand washing prior to undertaking selected procedures that may occur in non-operating room settings (e.g. delivery room).

The basin is a large wall-mounted type, with hands-free taps that may be wall mounted elbow taps, foot/knee operated, or electronic sensor taps, with warm and cold water delivered by a common spout. Tap placement should allow washing up to the elbow.

Refer to Standard Components: Room Data and Room Layout Sheet – Bay Hand washing Type A AusHFG, Part D - Infection Prevention and Control



Galvin CliniLever® Chrome Plated Brass Hospital Wall Mixing Set Type 51

01

- TC51SC1C** (swivel ceramic disc)
- TC51SJ1C** (swivel jumper valve)
- TC51FC1C** (fixed ceramic disc)
- TC51FJ1C** (fixed jumper valve)



Galvin CliniLever® Chrome Plated Brass Hospital Wall Mixing Set Type 56

02

- TC56FC1C** (fixed ceramic disc)
- TC56FJ1C** (fixed jumper valve)



Galvin CliniLever® Chrome Plated Brass Hospital Hob Mixing Set Type 50

03

- TC50FC1C** (fixed ceramic disc)
- TC50SC1C** (swivel ceramic disc)





Galvin CliniMix® Lead Safe™ Wall Mounted Progressive Lever Mixer (TMV) with integrated hot water disinfection flush and front of wall isolation valves

04

100.30.71.00



Electronic Handsfree Tapware



Galvin Flowmatic® Concealed Sensor Assembly with SS Face Plate & CliniLever® Fixed Wall Outlet 225

05

TZ-FLOWTAPC225



Galvin CliniMix® Lead Safe™ Chrome Plated Brass Wall Mounted Thermostatic Progressive Basin Mixer with Proximity Sensor

06

100.30.79.00



Galvin CliniMix® Lead Safe™ CMV2 Wall Mounted Electronic Thermostatic Mixer, with integral TMV and mains power

07

Available options:

- wave on/off or proximity sensor
- glass or chrome plated face plate
- Smart TMV Temperature Monitoring System compatibility
- Bluetooth

100.41.10.20 (wave on/off, CP)

100.41.10.30 (wave on/off, Glass)

100.41.11.20 (wave on/off, CP, Temp Monitoring)

100.41.11.30 (wave on/off, Glass, Temp Monitoring)

100.41.20.20 (proximity, CP)

100.41.20.30 (proximity, Glass)

100.41.21.20 (proximity, CP, Temp Monitoring)

100.41.21.30 (proximity, Glass, Temp Monitoring)

Type B: Clinical Basin – Medium

The Type B basin is used in areas requiring hand hygiene by staff and visitors for patient care situations and aseptic procedures. The basin is a medium wall-mounted type. The taps may be either wall-mounted or basin-mounted with elbow or wrist hands-free operation, and warm/cold free-running water.

Refer to Standard Components: Room Data and Room Layout Sheet – Bay Hand washing Type B. AusHFG, Part D - Infection Prevention and Control



Galvin CliniLever® CP-BS Hospital Basin Set Fixed 150 C/D

08

TCBFC150C



Galvin Flowmatic® Concealed Sensor Assembly with SS Face Plate & CliniLever® Fixed Wall Outlet 225

09

TZ-FLOWTAPC225



Galvin Flowmatic® Concealed Sensor Assembly 24v AC for scrub sinks with Stainless Steel Face Plate, 190mm reach gooseneck swivel outlet

10

85007 (outlet)

TZ-FLOWTAPC24 (sensor)



Galvin Flowmatic® Hob Basin Tap Mains Power Single Temperature (all serviceable components above bench, smart infrared sensor with automatic setting)

11

TZ-FLOWHOBSP





Galvin CliniMix® Lead Safe™ Hob Mounted Thermostatic Progressive Basin Mixer – Lever (TMV), with integrated hot water disinfection flush and front of wall isolation valves

12

100.00.71.00



Galvin CliniLever® Chrome Plated Brass Hospital Wall Mixing Set Type 51

13

TC51SC1C (swivel ceramic disc)
TC51SJ1C (swivel jumper valve)



Galvin CliniLever® Chrome Plated Brass Hospital Basin Set Fixed 80 C/D

15

TCBFC80C



GalvinAssist® Single Lever Basin Mixer with oversized directional/temperature indicators W/C

16

TM-BASCPL



Accessible Basin (AS 1428.1 Compliant)

Type C: Non-Clinical Basin – Small/Medium

The Type C basin is required in public, patient and staff amenities.

Type C is a small wall-mounted basin, which may be part of a vanity unit. The taps may be wall-mounted or basin-mounted. Supply warm and cold water. Cold water-only may be provided to Type C facilities in areas such as public amenities.

For ease of cleaning and use taps should be lever operated as commercially available.

Refer to Standard Components: Room Data and Room Layout Sheet – Bay Hand washing Type C.

Basins in accessible toilets must comply with Standards Australia, 2010, AS 1428 (Set) 2010 Design for access and mobility Set (SAI Global). AusHFG, Part D - Infection Prevention and Control



GalvinAssist® Accessible, 600mm Wall Mount Basin, Bowl, 1 TH with Overflow (600 x 450mm, complete with chrome plug and waste)

17

105.33.10.01 (LH bowl)
105.33.11.01 (RH bowl)



Galvin CliniLever® CP-BS Hospital Single Lever Basin Mixer

14

TM-BASCP
TM-BASCPY (with oversized indicator W/C)



Galvin CliniLever® Hospital Single Lever Basin Mixer W 165mm Disabled Lever

18

TM-BASCPD
TM-BASCPDY (with oversized temperatur indicator W/C)



Galvin CliniLever® Chrome Plated Brass Hospital Basin Set Fixed 80 C/D

19

TCBFC80C





GalvinAssist® Single Lever Shower Mixer
with oversized directional/temperature indicators W/C 28

TM-SHWCP



Galvin CliniLever® CP-BS Hospital Fixed Shower Arm
and Rose, robust and with easy to clean rubber nodes 29

42008



GalvinCare® CP-BS Mental Health Anti-Ligature
Safe-Connect Shower Head with Hand Shower 30

42020

HYTP-019.1 Mental Health shower



GalvinCare® CP-BS Prison Ezy-Grip Shower Set
Complete with Vandal Resistant Shower 31

50151C



Galvin CliniLever® Chrome Plated Brass
Hospital Wall Top Assembly 80 C/D Pair 32

TCWTC80PC



GalvinAssist® Straight Grab Rail Stainless Steel 33

105.00.00.01 (300mm)
105.00.06.01 (600mm)
105.00.09.01 (900mm)



GalvinAssist® Angled 870 x 700 mm Grab Rail 34

105.05.08.31 (Left)
105.05.08.41 (Right)



GalvinAssist® Angled 450 x 450 mm Grab Rail 35

105.07.23.01



GalvinAssist® Fold Down SS Grab Rail
with Fixed Toilet Roll Holder 36

105.62.08.31 (Left)
105.62.08.41 (Right)



GalvinAssist® 960 x 400 x 480mm
folding shower seat 37

105.70.09.01





GalvinAssist® PWD Backrest 38

105.76.02.01



ClevaCare® CP-BS Shower Arm 39

CLEVA010



GalvinAssist® Hand Shower Kit with 900 x 32 Stainless Steel Hygienic Grab Rail, ClevaCare® Shower - Low 40

CLEVA035 (white handpiece and spiral hose)

CLEVA035PC (chrome plated handpiece and spiral hose)



Sinks



Galvin CliniLever® CP-BS Hospital Single Lever Sink Mixer 250 Reach 41

TM-SNKCP



Galvin CliniLever® CP-BS Hospital Single Lever Sink Mixer 250 Reach with 165 Disabled Lever 42

TM-SNKCPD



GalvinAssist® Single Lever Sink Mixer with oversized directional/temperature indicators W/C 43

TM-SNKCPL



RO Water Galvin ProLab® EC-BS Lab Set 1-Way Bench Mounted Deionized Unit Max 400kPa 44

TLDIMPE

Cleaner Sinks



Galvin® Vandal Resistant CP-BS Wall Mounted Sink Set with 225mm Swivel Upswept Outlet and Jumper Valve 45

49952



Galvin CliniLever® Chrome Plated Brass Hospital Wall Bath Set 80 C/D with 180 Fixed Outlet Laminar 46

TCWBC80C



Dirty Utility/Ped Pan



Galvin Ezy-Wash® Stainless Steel Slophopper Hose/
Spring Assembly with Heavy Duty Hand Trigger Spray **47**

37408



Galvin Ezy-Wash® Hand Held Trigger Spray
1000mm Hose & Walk Bracket
with CliniLever® Chrome Plated Brass
Hospital Wall Top Assembly 80 C/D Pair **48**

37405
TCWTC80PC



Galvin Flowmatic® Cell Call Activated Assembly
24v AC for Flushing Rim Sink with SS Face Plate,
complete with solenoid valve and power pack **49**

TZ-FLOWTRIM



Galvin CliniLever® Chrome Plated Brass Hospital
Wall Sink Set 80 C/D with 190 Gooseneck Outlet **50**

TCWSC80C



Kitchen



Galvin Ezy-Wash® Chrome Plated Brass Wall Mounted
Conc Mixing Pre-Rinse Unit Type 82 Wall Tap
(located centrally over the partition between the bowls; tapware
to the small end bowl of the triple bowl sink) **51**

TF82WJS (Standard)

TF82WJP (Pot Filler)



Galvin Ezy-Wash® CP-BS Hob Mounted
Twin Mixer Pre-Rinse Unit Type 84 Flex Tail **52**

TF84HJS (Standard)

TF84HJP (Pot Filler)



Galvin Ezy-Wash® Washdown Gun & 15m Auto
Retractable Hose Reel and wall mounting bracket **53**

37402



Galvin® Vandal Resistant CP-BS J/V Hose Tap
– Cold, with 15mm non-removable handle **54**

49965

Laundry



Galvin® Vandal Resistant Chrome Plated Brass Wall Mounted Sink Set with 225mm Swivel Upswept Outlet and Jumper Valve

55

49952



Galvin® Vandal Resistant Chrome Plated Brass J/V Washing Machine Tap Cold

56

49920

Sanitary - Toilet Suite



GalvinAssist® Wall Faced, Clean Flush, Easy Care, Accessible Toilet Suite with Blue Seat

57

105.10.10.01
HYWC-001 Accessible



GalvinAssist® Wall Faced, Clean Flush, Easy Care, Accessible Toilet Pan with Blue Seat

58

105.11.10.01



GalvinAssist® Wall Faced, Clean Flush, Easy Care, Toilet Pan with Soft Close Seat

59

105.11.00.00
HYWC-004



GalvinAssist® Wall Faced, Clean Flush, Easy Care, Toilet Suite with Soft Close Seat

60

105.10.00.00
HYWC-003 Standard/ Patient



GalvinAssist® Wall Faced, Clean Flush, Easy Care, Toilet Pan with Soft Close Seat

61

105.11.20.00
HYWC-003 Standard/ Patient



GalvinAssist® Wall Faced, Clean Flush, Easy Care, Ambulant Toilet Suite with Soft Close Seat

62

105.10.20.00
HYWC-004 Ambulant





Wallgate Anti-Ligature, Anti-Vandal Disable
Solid Surface BTW Pan S&P
with Grey Integrated Seat 460x810 – White

63

CWC-155W-AST-BCA

Min 90mm access



Wallgate Anti-Ligature, Anti-Vandal Solid Surface
Back To Wall Pan S&P with Grey Integrated Seat
446x702 - White

64

CWC-155W-AST-AUS

Min cavity access 90mm

HYWC-005 Mental Health



Galvin Safe-Cell® Electronic Dual Flush Pan Assembly
with Controller (Concealed), complete with solenoid
valve and power pack

65

TZ-FLOWTPANMIN (duct mounted)

TZ-FLOWTPANMAX (recess mounted)

Min 25mm supply



GalvinAssist® PWD Backrest

66

105.76.02.01



GalvinAssist® Chrome, Accessible Dual Flush Plate,
Pneumatic Push to Suit Inwall Cistern

67

105.96.00.00



GalvinAssist® Chrome, Dual Flush Plate,
Pneumatic Push to Suit Inwall Cistern

68

105.95.00.00



GalvinAssist® Angled 450x 450 Grab Rail

69

105.07.23.01



Thermostatic Mixing Valves (TMVs)

The CliniMix® TMV range includes Multi Point as well as Point of Use (POU) options.

Our Progressive POU TMVs enable water to be mixed closer to the point of discharge, minimising warm water stagnation ('dead legs') reducing the risk of Legionella bacteria growth.

Other benefits are:

- thermally insulated "cool to touch" mixer body
- maximum temperature limiter with locked override ensuring safe temperature
- smooth bore internal and external components limiting bacteria growth
- self-draining outlet with hygienic laminar flow water straightener
- unique inbuilt thermal disinfection facility to minimise bacteria build-up. The manual thermal flush allows you to bypass the thermostat and re-direct hot water through the cold side of the tap.
- Lead Safe™ options available



Galvin CliniMix® Lead Safe™ TMV SS Cabinet
Assembly with Universal Door 20 Bottom In & Out

70

101.10.70.10

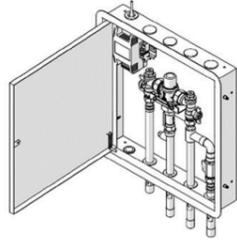




Galvin CliniMix® Lead Safe™ TMV SS Cabinet Assembly with Universal Door 20 Cold Bypass, Bottom In & Out

71

101.11.70.10



Galvin CliniMix® Lead Safe 4 Leg TMV, SS Cabinet Hinged Lid & Bypass with integral CliniMix® TMV Monitoring functionality

72

101.11.30.10



Galvin CliniMix® Lead Safe™ Hob Mounted Thermostatic Progressive Basin Mixer - Lever (TMV), with integrated hot water disinfection flush and front of wall isolation valves

73

100.00.71.00



Galvin CliniMix® CP-BS Wall Mounted Thermostatic Progressive Basin Mixer – Lever (TMV), with integrated hot water disinfection flush and front of wall isolation valves

74

WM-TMVPMW

100.30.71.00 (Lead Safe)



Galvin CliniMix® CP-BS Wall Mounted Thermostatic Progressive Basin Mixer – Proximity Sensor (TMV), with integrated hot water disinfection flush and front of wall isolation valves

75

WM-TMVPMW-PS

100.30.79.00 (Lead Safe)



Galvin CliniMix® Lead Safe™ Inwall Thermostatic Progressive Shower Mixer - Lever

76

100.50.72.00



Galvin CliniMix® CP-BS Lead Safe™ Inwall Thermostatic Progressive Shower Mixer with GalvinCare® Handle (Warm and Cold)

77

100.50.75.01



Floor Grates and Cleanouts



Galvin® Stainless Steel Floor Drain Grate Assembly Vinyl 100x80 PVC Slip-In

78

303176X



Galvin HeelGrate® Stainless Steel
Floor Drain Vinyl Round 150x100
with ABS Body PVC/HDPE/CU Slip-In

79

303185XP



Galvin Slip-Safe® SS Vinyl Bolted Cleanout
150 x 100 PVC/HDPE/CU Slip-In

80

Threaded body for height adjustment available

69468X



Galvin Slip-Safe® SS316 Bolted Cleanout Round
150x100 PVC/HDPE/CU Slip-In

81

67790X



Galvin® Industrial Floor Waste Combo - Stainless Steel
Square Grate 150x100 PVC/HDPE/CU
& Stainless Steel Dual Strainers (kitchen floor)

82

DI4M06SX



Galvin Safe-Cell® Polished SS316 (CRR) Prison Floor
Drain Vinyl 100 x 80 BSP with Galvin® PPR Floor Drain
Adaptor Ring 80BSP FI x100PVC/HDPE Slip-in

83

303077X

302168 (adaptor ring)

Personnel Emergency Decontamination Systems



GalvinSafe® Free Standing CombiShower,
AXION® MSR ABS Eye/Face Wash,
Hand & Foot Act (HAWS)

84

190.80.10.90



GalvinSafe® Eye/Face Wash, Wall Mounted,
Hand Activated, AXION® MSR Head
& SS Bowl (HAWS)

85

190.42.11.12

We design, manufacture and supply safe, green and smart water solutions for high risk and high care environments.

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- New Zealand
- UK
- USA

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