



LIGATURE-RESISTANT
JUSTICE REFORM SPACE

INDIVIDUAL LIVING UNIT PRODUCTS

A BETTER ENVIRONMENT FOR INMATES TO REDUCE RECIDIVISM.



IMAGE COURTESY OF HOK | WWW.HOK.COM

SAN MATEO COUNTY MAPLE STREET CORRECTIONAL CENTER
REDWOOD CITY, CALIFORNIA

 MORRIS GROUP INTERNATIONAL

WWW.MORRISGROUPINT.COM



INTRODUCTION

More and more criminal justice systems around the world are calling on architects to design facilities that foster rehabilitation and reflection, particularly for nonviolent, nonsexual offenders. These facilities are not only more humane for inmates, but they also have a positive impact on the staff who work there every day.

To help protect inmates in custody and to provide a safe environment for all, we offer a new line of ligature resistant fixtures called Secure-Care™ designed for this progressive new approach to incarceration. We manufacture these fixtures with “universal design” principles in mind, meaning that they can be used throughout the facility, not just in specified “mental health” treatment areas.

Throughout this brochure, we will also highlight five of the leading rehabilitation design trends at the forefront of this progressive movement—*aesthetic design, building design, designing for autonomy and privacy, mental health spaces that promote healing, and spaces that accommodate vocation, exercise, and spiritual growth.* We will do this by showcasing what some of the world’s most forward-thinking justice systems, designers, and architects are doing to promote rehabilitation and reduce recidivism.

TABLE OF CONTENTS

- PAGE 10 - COMBINATION TOILET-LAVATORY
- PAGE 12 - TOILET
- PAGE 14 - URINAL
- PAGE 16 - LAVATORY
- PAGE 18 - SHOWERS
- PAGE 22 - HYDRATION STATIONS
- PAGE 25 - ACCESSORIES

WHAT IS A LIGATURE POINT?

Any feature in an environment which could be used to support a noose or other strangulation device (especially, to attempt to commit suicide).





HEALTHY ENVIRONMENTS THROUGH AESTHETIC DESIGN

Prisons are beginning to adopt healthcare evidence-based design concepts demonstrating that access to natural light and fresh air, connectedness to nature, and thermal and acoustic comfort have a positive, beneficial impact on mental state and social behavior. Healthy environments reduce the frequency and severity of anti-social behaviors and violence, as well as reducing stress and anxiety.



REHABILITATIVE ENVIRONMENTS

Inmate living environments that promote rehabilitation are environments that feel like home and enhance the inmate's quality of life through intellectual stimulation. In addition to the features above, an open setting with unobstructed views; landscaping; barless wood doors; large windows; movable furniture; carpeting; low, acoustic tiled ceilings; acoustic wall panels; and soft textures and colors all help inmates maintain a calm state.¹

Not only do spaces designed with these features create a healthy and safe environment for prisoners, but they have been found to reduce employee sick days as well.² When visitor areas are welcoming, inmates' families and support systems are more inclined to visit, thus maintaining those crucial relationships that further incentivize rehabilitation.

The Las Colinas Detention Facility, designed in partnership with KMD and HMC Architects, is an excellent example of this theory in practice. Las Colinas is the first detention facility of its kind in the U.S. that uses environmental and behavioral psychology to improve the experience and behavior of both inmates and staff.

PREPARING FOR TRANSITION THROUGH BUILDING DESIGN

When rehabilitation is the ultimate goal, the overall size of the prison needs to shrink. For effective reform, experts suggest no more than 1000 inmates.³

This small number allows employees and administrators to get to know the inmates better and facilitate an individual approach to their rehabilitation. Accounting for individual inmates' strengths and weaknesses provides a greater opportunity to prepare inmates for successful transitions out of the system and into society.

Smaller numbers also mean prisons can be designed with campus-style layouts, which are growing in popularity. It's a layout that mimics communities, and inmates are housed in adjacent self-sufficient units according to security risk and needs. Like college campuses, these prisons have an abundance of communal spaces such as dining areas, kitchens, laundry rooms, study halls, entertainment zones, and gyms.

On Bastøy prison island in Norway, inmates are housed in wooden bungalows. Each house can accommodate six prisoners, and while they have their own rooms, they share a kitchen and other facilities. The men earn a wage and shop for provisions at the island's supermarket for their self-prepared breakfasts and dinners. This environment prepares the inmates for a fulfilling life in society upon their release.



DESIGN FOR AUTONOMY AND PRIVACY

It is possible to provide prisoners autonomy and privacy without compromising inmate and staff safety. Spaces should be designed with clear sightlines throughout the housing unit from the officers', preferably open, desk.

Giving inmates the freedom to move about the housing unit gives them some feeling of control over their environment. This autonomy encourages self-managed behavior and responsible choices.

An open and direct supervision structure helps with information surveillance while also opening the lines of communication between officers and inmates.

Experts also encourage providing a degree of privacy for sleeping and personal hygiene, which promotes a sense of personal dignity.⁴ Inmates should be encouraged to personalize their space and be given the ability to adjust the lighting, with the idea being that encouraging respect for themselves and each other will better prepare them for life once they leave the justice system.

MENTAL HEALTH SPACES THAT HEAL

Over half of all prisoners in U.S. correctional facilities have experienced abuse, trauma, and/or mental illness. The Bureau of Justice Statistics says this is true for 75 percent of women inmates and 63 percent of male inmates. Instead of seeing these inmates as prisoners, they should be viewed as patients and a priority should be placed on their physical and mental health.

Not only are the types of crimes inmates are charged with very different, but their addiction and mental health statuses vary. Rehabilitation efforts for those with addiction or mental health issues will look very different from prisoners who do not struggle with these illnesses. That difference should be reflected in the spaces where they are housed.

Previously, facilities were not designed to address these differences. Today, the trend is to create spaces where mental health needs are a top priority. Experts say there is no universal approach, and men, women, and juveniles all require different housing. Once housing is tailored to the group, security can be addressed.

Once again, Las Colinas has set an example in this way of thinking. There, they recognize the importance of a healing environment to promote well-being and prevent psychological deterioration in inmates.

SPACES THAT ACCOMMODATE VOCATION, EXERCISE, AND SPIRITUAL GROWTH

Education and vocation are crucial ingredients in rehabilitation, so care should be given to educational spaces. Correctional facilities can and should adopt best practices for instructional design of high schools and colleges to ensure not only a secure environment but one conducive to learning. A combination of flexible learning spaces for academic and vocational education and areas for quiet study and reflection is needed.

These flexible spaces can be multipurpose, used for not only classrooms, but programs, counseling, group therapy, meditation, yoga, or worship space. However, care should be taken to ensure an adequate number of rooms are planned to reduce competition for the space between programs.

Storstrom Prison, a maximum-security prison on the Danish island of Falster, provides an excellent example of the importance of shared spaces. Designed by Danish architecture firm C.F. Møller Architects,, the prison's layout is centered around social activities. Inmates can spend their time exercising, studying, creating art, meditating, or praying.


"We have concentrated all buildings around a center for joint activities. Here we have a square with, for example, an activity house, a grocery store, a school, a church and a devotional room. We have also made an effort to promote communication between inmates and staff," architect Mads Mandrup of C.F. Møller told the Danish newspaper Berlingske.



ENDNOTES

1, 2, 4 Dr. Marayca López, How to build for success: prison design and infrastructure as a tool for rehabilitation, Penal Reform International
3,5 Correctional News - Beverly Prior, FAIA, NCARB, LEED AP, vice president, justice lead, U.S. West for AECOM, Eric B. Ratts, AIA, principal architect at DLZ; Darrell Stelling, AIA, DLR Group's global sector leader for the Justice+Civic studio; and Gerry Guerrero, AIA, DBIA, senior vice president, justice director of the justice practice for HOK.





"Inmates need to be protected while in custody. An inmate has a right to a safe environment while in jail."

U.S. Department of Justice
National Institute of Corrections



LIGATURE RESISTANCE AND UNIVERSAL DESIGN

Ligature-resistant fixtures can be employed throughout the facility, providing safety and security for all inmates.

MODEL NO. LR1812
**12X22-1/2" REAR-MOUNTED ADA
SECURITY MIRROR**

MODEL NO. LR1829
REAR-MOUNTED WALL HOOK

MODEL NO. LR1677L
ACORN CORNER SINK

MODEL NO. LR1840
**RECESSED REAR-MOUNTED
TOILET PAPER HOLDER**

LR3332 SERIES
**WALL WASTE SIPHON JET
SECURITY TOILET FOR REAR
MOUNT (CHASE) APPLICATION**

MODEL NO. LR7010
ACORN CORNER DESK

CHAIR BY CORTECH USA

COMBINATION TOILET-LAVATORY



Our ligature-resistant combination toilet-lavatories (“combys”) feature a durable, stainless steel structure with a number of integrated features designed to provide ligature resistance. The rounded frame and wing sides minimizes ligature attachment points and offers a high level of vandal

resistance. The hemispherical push button and bubbler and ligature-resistant drain also contribute to the safety features of this product. The stainless steel can be coated with white Enviro-Glaze® at no extra cost for a softer appearance.



LR1418 SERIES

18” LAV-TOILET COMBY WITH OVAL LAVATORY BOWL





Featuring a hemispherical cabinet design, seamless welded construction, and toilet bowl housing, the LR1418 Comby significantly reduces ligature attachment points. Toilet is a concealed blowout jet type with elongated bowl, self-draining flushing rim, integral contoured seat, and Air-Control™ pneumatically operated pushbutton valve.



PRODUCT FUNCTION:

The toilet is designed to meet the needs for ligature resistance, ADA, water conservation and the rigorous demands of security facilities in a chase (rear mount) application.

PRODUCT DETAILS:

BRAND: Secur-Care™    
MATERIAL: 14 gage stainless steel
MOUNTING: Rear Mount (Chase), On-Floor Mount
TOILET ORIENTATION: Left Offset (-LO), Right Offset (-RO)
CONFIGURATIONS AVAILABLE: On-Floor with Wall Waste Outlet (-2), On-Floor with Floor Waste Outlet (-3)
PRODUCT FEATURES: Ligature-resistant, highly vandal-resistant, lead free
COMPLIANCES: ADA compliant (when installed properly), WaterSense - Meets EPA criteria certified by IAPMO R&T 1.28 gpf, GREEN UPC

LR1449 SERIES

ADA COMPLIANT LAV-TOILET COMBY - OFFSET TOILET





Model LR1449 Comby features a 19 x 49.25 inch (483 x 1,251 mm) counter with an integral D-shaped lavatory bowl and back splash. The offset toilet’s winged sides, hemispherical components, and grab bar with closure plate all serve to limit the unit being used as a ligature device. Fixture is arranged to be installed on finished wall and serviced from an accessible pipe chase.



PRODUCT FUNCTION:

The toilet is designed to meet the needs for ligature resistance, water conservation and the rigorous demands of security facilities in a chase (rear mount) application.

PRODUCT DETAILS:

BRAND: Secur-Care™    
MATERIAL: 14 gage Stainless Steel
TOILET ORIENTATION: Rear Mount (Chase), On-Floor Mount
TOILET ORIENTATION: Angle Left (-AL), Centered (-CT), Angle Right (-AR)
CONFIGURATIONS AVAILABLE: On-Floor with Wall Waste Outlet (-2), On-Floor with Floor Waste Outlet (-3)
PRODUCT FEATURES: Ligature-Resistant, highly vandal-resistant, lead free
COMPLIANCES: WaterSense – Meets EPA criteria, certified by IAPMO R&T 1.28 gpf, GREEN UPC.

TOILET



Our ligature-resistant toilets are made of durable, vandal-resistant stainless steel. They are designed to be installed with a rear (chase) mount, the most common arrangement in

correctional facilities, for easy installation and retrofitting. Ligature-resistant toilets mount on-floor and are available in ADA and non-ADA configurations.



LR2140 SERIES

BLOWOUT JET REAR MOUNT TOILET

The LR2140 Series toilet is fabricated from 16 gage type 304 stainless steel to reduce possible risk of the fixture being used as a ligature device. Toilet is a blowout jet type. Toilet can be specified to ADA height. Please check with local ADA requirements. ADA compliance is subject to proper installation and the interpretations of the local code authority.

PRODUCT FUNCTION:

Providing a Ligature Resistant rear mount stainless steel Blowout Jet type toilet. Toilet is only available as an on-floor, wall waste model (off-floor toilets are NOT Ligature Resistant). Options shown are limited to those offering Ligature Resistant characteristics. The toilet is design to meet the needs for ligature resistance, water conservation and ADA compliancy (if ADA option requested), and the rigorous demands of security facilities.



REGULARLY FURNISHED:

LR2140-T-2-RM TOILET Top Supply, On-Floor, Wall Waste, Rear (Chase) Mount

LR2140-W-2-RM TOILET Wall Supply, On-Floor, Wall Waste, Rear (Chase) Mount,

PRODUCT DETAILS

COMPLIANCES: WaterSense - Meets EPA Criteria certified by IAPMO R&T 1.28 gpf , ASME A112.19.3 , CSA B45.4 , GREEN UPC

BRAND: Acorn Ligature Resistant

MATERIAL: Stainless Steel

MOUNTING: Rear Mount (Chase) , Floor Mount

WATER SUPPLY: Wall Supply (configured with a back spud for a typically concealed behind-the-wall flush valve)

WASTE LOCATION: Wall

PRODUCT FEATURES: Ligature Resistant



LR3332 SERIES

WALL WASTE SIPHON JET SECURITY TOILET FOR REAR MOUNT (CHASE) APPLICATION

LR3332 Series toilet is a ligature resistant solution to the Acorn 3332 Series replacement toilet. The LR3332 is still an on-floor, rear mount, siphon jet type toilet manufactured in 14 gage stainless steel and features a wall waste. This toilet can be matched to existing rough-ins to make replacement easy. Toilets can be specified with ADA Height. Please check with local ADA requirements. ADA compliance is subject to proper installation and the interpretations of the local code authority.

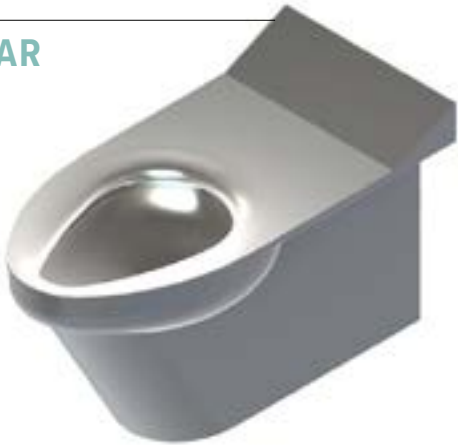
PRODUCT FUNCTION:

The toilet is designed to meet the needs for replacing old existing fixtures, ligature resistance, water conservation and ADA compliancy (if ADA option requested), and the rigorous demands of security facilities.

REGULARLY FURNISHED:

LR3332-W-2 Wall Supply Toilet

LR3332-T-2 Top Supply Toilet requires a flush valve housed in LRFVC Flush Valve Cover to be ligature



POPULAR OPTIONS INCLUDE:

-ADA- Configured to ADA height.

PRODUCT DETAILS

BRAND: Secur-Care™

MOUNTING: Floor Mount, Rear Mount (Chase)

COMPLIANCES: WaterSense - Meets EPA Criteria certified by IAPMO R&T 1.28 gpf, GREEN UPC



URINAL



The tapered design of our ligature-resistant urinal minimizes the chance that it can be used as a ligature attachment point. The durable stainless steel can be coated with white

Enviro-Glaze® to reduce the institutional look. When mounted correctly, the ligature-resistant urinal complies with ADA regulations.



URINAL



MODEL NO. LR1709FG

HIGH EFFICIENCY REAR-MOUNTED SECURITY URINAL

Tapered design reduces the risk of the fixture being used as a ligature device. The LR1709FG urinal is fabricated from 14 gage type 304 stainless steel with exposed surfaces polished to a satin finish and features a contoured interior to facilitate cleaning. Unit complies with ANSI, ADA, and UFAS accessibility requirements and conforms to California Energy Commission requirements.

PRODUCT FUNCTION:

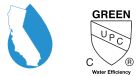
The urinal is designed to provide ligature resistance, high vandal resistance and ADA compliance in a chase (rear mount) application.

REGULARLY FURNISHED:

The urinal is provided in a wall supply configuration.

PRODUCT DETAILS

COMPLIANCES: For Sale and Use in California (Water Conservation), GREEN UPC



LAVATORY



Our vandal resistant, stainless steel security lavatory basins are designed with tapered side splashes and a sloped back splash. The tapered design reduces the risk of the fixture being used to support a noose or other strangulation device. There are no accessible voids or crevices where contraband

can be concealed. ADA models are available as are air-control pneumatic pushbutton valves. The pneumatic valve ensures inmates and staff will have access to fresh drinking water in the event there is a disruption to the power supply



IMAGE COURTESY OF HOK | WWW.HOK.COM
SAN MATEO COUNTY MAPLE STREET CORRECTIONAL CENTER
REDWOOD CITY, CALIFORNIA

MODEL NO. LR1652

ADA COMPLIANT SECURITY LAVATORY WITH OPEN BOWL



LR1652 OVAL BOWL LAVATORY FEATURES TAPERED SIDE SPLASHES AND A SLOPED BACK SPLASH TOP; THE TAPERED DESIGN REDUCES THE RISK OF THE FIXTURE BEING USED AS A LIGATURE DEVICE.

Fabricated from 14 gage type 304 stainless steel with a seamless welded construction and satin finish. Includes air-circulating, self-draining soap dish. Sound deadened with fire-resistant material. Complies with ANSI, UFAS, CBC and ADA requirements for accessibility; valve and bubbler conform with lead free requirements of NSF61, Section 9, 1997 and CHSC 116875.

PRODUCT FUNCTION:

The lavatory is designed to provide ligature resistance and ADA compliance in a chase (rear mount) application.



MODEL NO. LR1653

ADA COMPLIANT 'D' BOWL SECURITY LAVATORY



LR1653 'D' BOWL LAVATORY FEATURES TAPERED SIDE SPLASHES AND A SLOPED BACK SPLASH TOP, REDUCING THE RISK OF THE FIXTURE BEING USED AS A LIGATURE DEVICE.

Fabricated from 14 gage type 304 stainless steel with a seamless welded construction and satin finish. Sound deadened with fire-resistant material. Complies with ANSI, UFAS, CBC and ADA accessibility requirements; valve and bubbler comply with lead free requirements of NSF61, Section 9, 1997 and CHSC 116875.

PRODUCT FUNCTION:

The lavatory is designed to provide ligature resistance and ADA compliance in a chase (rear mount) application.

PRODUCT DETAILS:

PATENT: D809,112



SHOWERS



Conical showerhead and provided valve choices contribute to the ligature resistant features to this shower. Units that conform with ANSI, UFAS, and ADA requirements for accessibility are available. Our cabinet style showers have

a slip-resistant shower floor finish, and the drain includes ligature resistant baffle in addition to the conical showerhead. A collapsible towel hook is welded on the outside of the entry.



LR1741 SERIES

FLUSH MOUNTED PUSHBUTTON SECURITY SHOWER

CONICAL SHOWERHEAD AND PROVIDED VALVE CHOICES ARE LIGATURE RESISTANT FEATURES OF THIS SHOWER.

This fixture is fabricated from 14 gage, type 304 stainless steel with a satin exterior finish. The accessible variant of LR1741 is LR1741ADA and is pictured below.



PRODUCT FUNCTION:

The LR1741 Series is designed to meet needs for ligature resistance, durability, water conservation, and optionally offers ADA compliance. Shower is designed to be installed on a finished wall and serviced from an accessible pipe chase.

REGULARLY FURNISHED:

The mounting plate is 20" (508 mm) high. Single Temperature Showers are 8" (203 mm) while Showers with Hot & Cold buttons are 10" (254 mm)

LR1741ADA SERIES

ADA COMPLIANT FLUSH-MOUNTED PUSHBUTTON SECURITY SHOWER – DUAL SHOWERHEAD



DUAL CONICAL SHOWERHEADS AND PROVIDED VALVE CHOICES ARE LIGATURE RESISTANT ELEMENTS OF THIS SHOWER.

The fixture is fabricated from 14 gage, type 304 stainless steel with a satin exterior finish. Unit conforms with ANSI, UFAS, and ADA requirements for accessibility. Compliance is subject to the interpretation and requirements of the local code authority.

PRODUCT FUNCTION:

Ligature Resistant Shower is designed to be installed on a finished wall and serviced from an accessible pipe chase. It also provides ADA compliance with a lower fixed head conical showerhead.

REGULARLY FURNISHED:

The mounting plate is 42" (1067 mm) high. Single Temperature Showers are 8" (203 mm) while Showers with Hot & Cold buttons are 10" (254 mm)

Each shower requires a valve. What is used on the top shower will additionally be used on the lower shower. The following Ligature Resistant pushbutton valves are available:

- 03-M-PBH Air-Control, Single Temperature, Metering
- 04-M-PBH Air-Control, Hot & Cold, Metering
- EVS1-PBH Master-Trol Electronic Valve System - Single Temp
- EVSP1 Master-Trol Electronic Valve System with Single Temp Piezo Pushbutton
- EVS2-PBH Master-Trol Electronic Valve System - Hot & Cold
- EVSP2 Master-Trol Electronic Valve System - Hot & Cold Piezo Pushbuttons
- MVC1-PBH Time-Trol - Single Temp
- MVC2-PBH Time-Trol - Hot & Cold
- PPZ1 Programmable Piezo Button - Single Temp
- PPZ2 Programmable Piezo Button - Hot & Cold



SECURITY CABINET SHOWERS



Dual conical showerheads and provided valve choices are ligature resistant elements of this shower.

This fixture is fabricated from 14 gage, type 304 stainless steel with a satin exterior finish. ADA models are also available.

PRODUCT FUNCTION:

This shower is designed to meet needs for ligature resistance, durability, and water conservation.

REGULARLY FURNISHED:

Items include a metering Air-Control valve, a Tapered Collapsible Towel Hook bolted on the outside of door jamb, Ligature-Resistant Drain and wall mounting hardware.



LIGATURE RESISTANT CONICAL SHOWERHEAD WITH SWIVEL

A chrome-plated, conical-shaped Ligature Resistant Showerhead that provides user-adjustable universal swivel angle adjustment both vertically and horizontally. Designed for vandal-prone areas and mental health facilities.

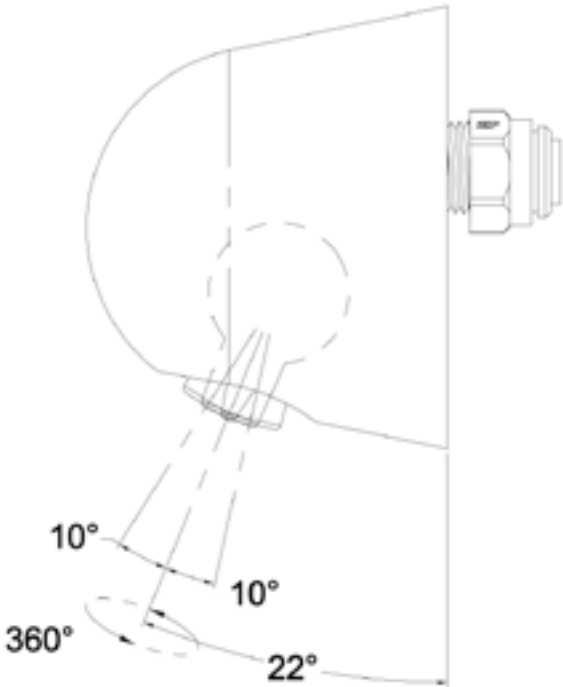


PRODUCT FUNCTION:

Showerhead is designed to meet the needs for ligature resistance, ADA compliancy, California Building Code 1115B.4.4.6 compliancy and the rigorous demands of security facilities.

FEATURES:

- Ligature Resistant Conical Shape
- Overall dimension: 2.75 inch (69.85 mm) diameter x 2.25 inch (57.15 mm) projection from wall
- Rear Mounted Vandal Resistant Design
- Solid Brass and Stainless Steel Construction
- Non-Adjustable Cone Spray Pattern, Self-Cleaning, Self-Draining and Scale Resistant
- Ball Joint Cartridge provides 20° user adjustable spray angle; this adjustment can be made both vertically and horizontally
- 1/4" OD Push-in Inlet Fitting
- 1.6GPM flow rate



HYDRATION STATIONS

Our vandal resistant, stainless steel drinking fountains are designed with tapered sides and a hemispherical bubbler. These design features reduce the risk of the fixture being used as a ligature device



MODEL NO. LR1670

REAR MOUNTED OVAL BOWL SECURITY DRINKING FOUNTAIN

The LR1670 Oval Bowl Drinking Fountain features tapered side splashes and a sloping backsplash top, reducing the risk of the fixture being used as a ligature device.

Fabricated from 14 gage, type 304 stainless steel with a seamless welded construction and satin exterior finish. Valve and bubbler conform with lead free requirements in NSF61, Section 9, 1997, and CHSC 116875.

PRODUCT FUNCTION:

The drinking fountain is designed to provide ligature resistance and high vandal resistance in a chase (rear mount) application.



MODEL NO. LR1672

ADA COMPLIANT REAR MOUNTED MULTI-SIDED BOWL DRINKING FOUNTAIN

LR1672 is a multi-sided bowl, rear mounted drinking fountain with a tapered design to reduce the risk of the fixture being used as a ligature device.

Fabricated from 14 gage, type 304 stainless steel with a seamless welded construction and satin exterior finish, the fixture is sound deadened with fire-resistant materials. Conforms with ANSI, UFAS, and ADA requirements for accessibility; valve and bubbler conform with lead-free requirements of NSF61, Section 9, 1997, and CHSC 116875.

PRODUCT FUNCTION:

The drinking fountain is designed to provide ligature resistance, high vandal resistance and ADA compliance in a chase (rear mount) application.



WALL WASTE SECURITY DRINKING FOUNTAIN

LR1673 is an drinking fountain with a D-shaped bowl and conical deck-mounted drinking bubbler. It is fabricated from 14-gage type 304 stainless steel and features a seamless welded construction with satin finish. There are no accessible voids where contraband may be concealed.

PRODUCT FUNCTION:

LR1673 is an on-floor drinking fountain designed to provide drinking water while minimizing ligature attachment points.

REGULARLY FURNISHED:

Items include a ligature-resistant Drain, Plain End Elbow Waste, Conical Drinking Bubbler, Hemispherical Pushbutton, and mounting hardware.

PRODUCT DETAILS

BRAND: Secur-Care™
PRODUCT TYPE: Drinking Fountain
MATERIAL: 14-gage stainless steel
CONFIGURATIONS AVAILABLE: On-floor with Wall Waste Outlet Wall
MOUNTING: Rear mount (Chase)
LEAD-FREE: Yes
PRODUCT FEATURES: Ligature-resistant design



MODEL NO. LR1617

BOTTLE FILLER

Our bottle filler/water bubbler includes a number of features designed to provide increased ligature resistance. Hemispherical buttons control the conical-shaped bottle filler and bubbler. The drain is designed to be ligature-resistant.

PRODUCT FUNCTION:

The Ligature-Resistant version of the LR1671 series bottle/ cup filler and bubbler is designed to provide fresh drinking water while minimizing ligature attachment points. The bottle/cup filler and bubbler is ADA-compliant when installed properly and meets all federal and local codes (ADA, lead-free, NSF, ANSI). Product features a slim, rear-mounted design.

REGULARLY FURNISHED:

- Ligature-resistant bottle filler, bubbler, drain, and dual push buttons
- Rear-mounted bottle/cup filler with optional drinking fountain
- Satin finish, 14-gage type 304 stainless steel
- Optional chiller unit
- Vandal resistant

PRODUCT DETAILS

BRAND: Secur-Care™
PRODUCT TYPE: Drinking Fountain
MATERIAL: 14-gage stainless steel
CONFIGURATIONS AVAILABLE: Recessed Wall Mounted
MOUNTING: Rear mount (Chase)
LEAD-FREE: Yes
PRODUCT FEATURES: Ligature-resistant design



LIGATURE-RESISTANT ACCESSORIES

MODEL NO. LR1812

12X22-1/2” REAR-MOUNTED ADA SECURITY MIRROR



MODEL NO. LR1820

RECESSED STAINLESS STEEL SHELF



MODEL NO. LR1823

STAINLESS STEEL REAR-MOUNTED SHELF WITH HOOKS



MODEL NO. LR1825

STAINLESS STEEL REAR-MOUNTED SHELF



MODEL NO. LR1828

FRONT MOUNTED WALL PANEL WITH FOUR HOOKS



MODEL NO. LR1829

REAR-MOUNTED WALL HOOK WITH FOUR HOOKS



MODEL NO. LR1832

RECESSED STAINLESS STEEL SOAP DISH



MODEL NO. LR1840

RECESSED REAR-MOUNTED TOILET PAPER HOLDER



ALL ACCESSORIES ARE ALSO AVAILABLE IN A WHITE POWDER COAT FINISH.



**CONTROL FIXTURE USE.
SAVE WATER. REDUCE OPERATING COSTS.**

Electronic Water Management System

MASTER-TROL[®] PLUS



Acorn Engineering Company[®]
has been a manufacturer of innovative
security plumbing fixtures since 1954 and
electronic valve systems for over 25 years.

- Stops inmates from flooding cells by limiting flushes
- Stops long run times on showers and sinks
- Stops inmates from flushing contraband
- Provides user-friendly touch screen operation
- Offers easy installation and time-saving maintenance advantages



ACORNENG.COM
Acorn Engineering Company[®]

Manufacturing Divisions

WATER CONTROLS



DRAINAGE



PLUMBING FIXTURES & ACCESS



FIRE PROTECTION



MANUFACTURING SUPPORT



Sales & Distribution



UNITED KINGDOM



ELMCO + ASSOC.



SILVER STATE



STEWART



MORRIS/LEE LTD.
CANADA



UNITED ARAB
EMIRATES



MORRIS INDUSTRIES
MEXICO



SWORDS

L1001460
1224



STREET ADDRESS
15125 PROCTOR AVENUE
CITY OF INDUSTRY, CA 91746

MAILING ADDRESS
P.O. BOX 3527
CITY OF INDUSTRY, CA 91744

PHONE: (626) 336-4561
E-MAIL: INFO@ACORNENG.COM
WEBSITE: ACORNENG.COM