Secur-Care® - Ligature Resistant LR1449 Series
ADA 2010 Compliant - Lav/Toilet Ligature Resistant Comby - Offset Toilet Bowl

LR1449-RO-2-04-DMB

Fixture May Show Some Available Options

*Please visit **www.acorneng.com** for most current specifications.*

ADA 2010 Compliant - Lav/Toilet Ligature Resistant Comby - Offset Toilet Bowl

IMPORTANT: For Compliance with CBC Calif. Title 24 refer to 1452 and LR1452 series.

Fixture is arranged to be installed on finished wall and serviced from an accessible pipe chase. Fixture is seamless welded construction and polished to a satin finish. Fixture cabinet and toilet is fabricated of 14 gage, type 304 stainless steel and polished to a satin finish. The inside of the toilet bowl also has a satin finish. Cabinet interior is sound deadened with fire-resistant material. Access panel is provided to service lavy valve pushbuttons. Optional Wall Sleeve or Metal Template is recommended for all installations to provide required wall openings. Engineered to reduce possible risk of the fixture being used as a ligature device. Unit complies with the accessibility requirements of ANSI, UFAS, ADA, and OBC regarding toilet and lavatory fixtures. Compliance is subject to the interpretation and requirements of the local code authority. (**NOTE:** Not compliant for CBC Calif. Title 24 Accessibility requirements.)

Lavatory 'D' Bowl is 15-1/4" x 12-1/2" x 4" deep. Standard P-trap waste outlet is 1-1/2" O.D. plain end.

Optional Valve may be an Air-Control pneumatically operated, hemispherical pushbutton valve with 0.70 GPM flow control for the Hemispherical bubbler spout. Pushbutton requires less than 5 lbs. to activate valve. Valve is metering, non-hold open type. Timing is adjustable from 5 to 60 seconds. Valve can be remotely located up to 10 feet from the operating pushbutton. Valve and bubbler conform with the requirements of NSF61, section 9 and is IAPMO R&T certified to meet the lead free requirements of Section 1417 of the Federal Safe Drinking Water Act and Section 116875 of the California Health and Safety Code.

Toilet is blowout jet type with ligature resistant elongated bowl manufactured to ASME A112.19.3 and CSA B45.4 requirements and will flush with a minimum of 25 PSI flow pressure when used in conjunction with a minimum of 1.6 GPF. Trap has a minimum 3-1/2" seal and will pass a 2-1/8" ball. Toilet waste outlet is 2-3/8" diameter plain end extending 3" beyond the back of fixture for wall outlet and Gasket Waste for floor outlet.
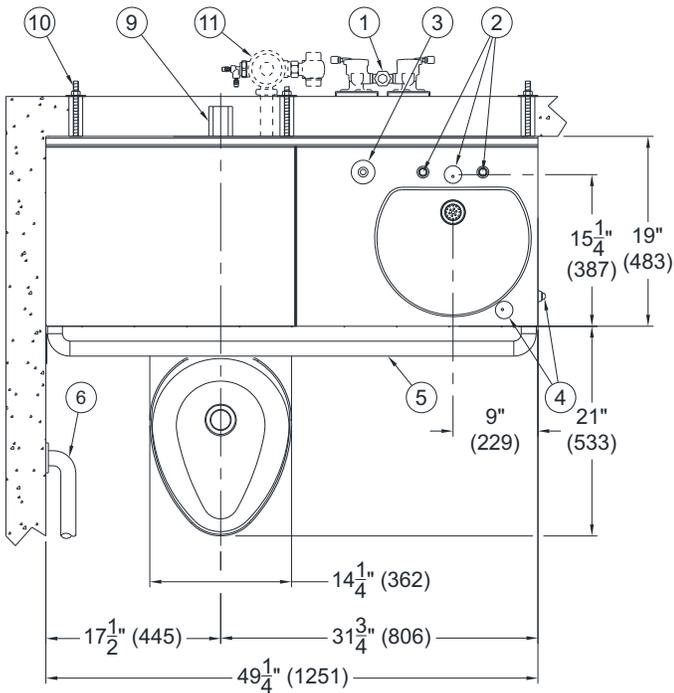
Grab Bar is heavy gage type 304 stainless steel construction, 1-1/2" diameter, extends the width of the fixture and measures 47-3/8" long from center to center. Grab bar is positioned behind toilet and is integral to the cabinet. Also includes ADA Compliant closure plate to reduce ligature points. Important: Optional Grab Bar Closure Plate may affect ADA Conformance.
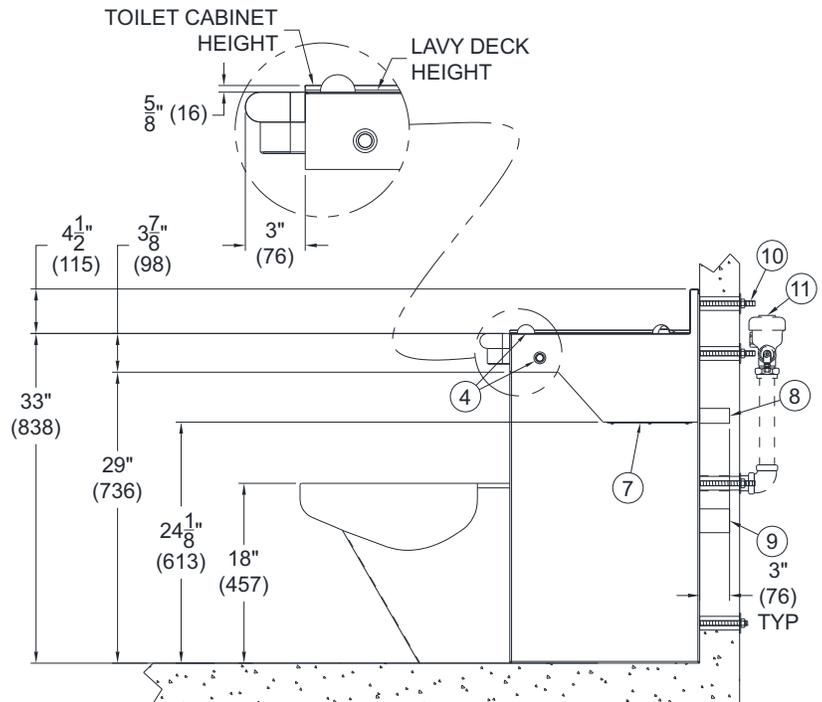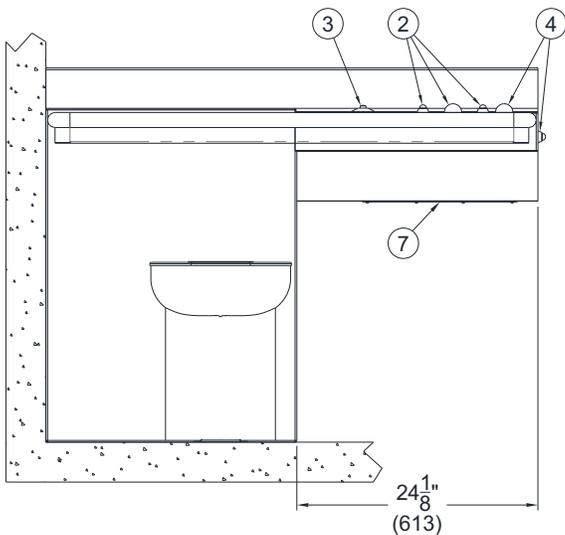
GUIDE SPECIFICATION

Provide and install Secur-Care® - Ligature Resistant ADA 2010 Compliant Lav/Toilet-Comby-Offset Toilet Bowl (specify model number and options). Fixture shall be fabricated from type 304 stainless steel. Construction shall be seamless welded and exposed surfaces shall have a satin finish. Provide a stainless steel grab bar to be located behind toilet. Fixture shall have an Air-Control pneumatically operated, metering, non-hold open pushbutton valve. Valve shall require less than 5 lbs. to activate. Valve and bubbler conform with the requirements of NSF61, section 9 and is IAPMO R&T certified to meet the lead free requirements of Section 1417 of the Federal Safe Drinking Water Act and Section 116875 of the California Health and Safety Code. Toilet shall be concealed blowout jet type with an elongated bowl, a self-draining flushing rim, and an integral contoured seat. Fixture shall be cUPC certified and toilet shall meet ASME A112.19.3 and CSA B45.4 requirements and will flush with a minimum of 25 PSI flow pressure . Toilet trap shall have a minimum 3-1/2" seal that shall pass a 2-1/8" diameter ball and be fully enclosed. Cabinet interior is to be sound deadened with fire-resistant material. Fixture shall withstand loadings of 5,000 pounds without permanent damage. Fixture shall be furnished with necessary fasteners for proper installation.

Secur-Care® - Ligature Resistant LR1449:
ADA 2010 Compliant Lav/Toilet Ligature Resistant Comby - Offset Toilet Bowl

1. OPTIONAL -04-M AIR-CONTROL VALVE

2. DECK MOUNTED SPOUT & PUSHBUTTONS

3. HYDRAULIC FLUSH VALVE PUSHBUTTON

4. OPTIONAL -DMB DRINKING BUBBLER & PUSHBUTTON

5. 1-1/2" DIA X 49" LG GRAB BAR WITH L-SHAPED CLOSURE

6. 42" LONG GRAB BAR BY OTHERS

7. ACCESS PANEL/FLUSH MOUNT

8. 1-1/2" OD LAVY WASTE OUTLET

9. 2-3/8" OD TOILET WASTE OUTLET

10. WALL MOUNTING HARDWARE

11. CHASE MOUNTED FLUSH VALVE, HYDRAULIC SHOWN

Secur-Care® - Ligature Resistant LR1449:
ADA 2010 Compliant Lav/Toilet Ligature Resistant Comby - Offset Toilet Bowl

WALL THICKNESS AND TYPE (Must Specify)
Thickness: _____ Type: ❏ Concrete ❏ Block ❏ Steel

MODEL AND OPTIONS SELECTION:

BASE MODEL NUMBER
☑ LR1449   49" Lav-Toilet Comby

TOILET ORIENTATION (Must Specify)
❏ -LO   Left Offset
❏ -RO   Right Offset

FIXTURE MOUNTING AND WASTE (Must Specify)
❏ -2   On-Floor, Wall Outlet
❏ -3   On-Floor, Floor Outlet w/ Gasket
            Waste Outlet

VALVE SELECTION (Must Specify)
Air-Trol (Pneumatic)
❏ -03-M   Single Temp, Metering
❏ -04-M   Hot & Cold, Metering

Master-Trol (Electronic)
❏ -EVS1   Single Temp
❏ -EVS2   Hot & Cold
❏ -EVSP1   Single Temp, Piezo Button
❏ -EVSP2   Hot & Cold, Piezo Buttons

Master-Trol PLUS (Electronic)
❏ -MTP1   Single Temp
❏ -MTP2   Hot & Cold
❏ -MTPP1   Single Temp, Piezo Button
❏ -MTPP2   Hot & Cold, Piezo Buttons
  -MTP VALVE OPTION
  ❏ -PFB   Power Failure Bypass (Provides emergency
            drinking water in the event of power failure)

Time-Trol (Electronic)
❏ -MVC1   Single Temp
❏ -MVC1-BAT   Single Temp Battery Powered
              (Batteries Not Included)
❏ -MVC2   Hot & Cold
❏ -MVC2-BAT   Hot & Cold Battery Powered
              (Batteries Not Included)

Programmable (Electronic) w/9VDC Plug-In Transformer
❏ -PPZ1   Single Temp Programmable Piezo Button
❏ -PPZ2   Hot & Cold Programmable Piezo Button

Valve By Others
N/A

VALVE OPTIONS
❏ -BRS   Brass Body Valve
❏ -CI   Cycle Interrupt for Time-Trol Valves
❏ -MA2   Manifolded, 2-Stack
❏ -MA3   Manifolded, 3-Stack
❏ -MA4   Manifolded, 4-Stack
❏ -TF   Transformer, 120VAC to 24VAC
            (-MVC option only)

FLUSH VALVE GPF's (Must Specify)
❏ -1.28 GPF
❏ -1.6 GPF

FLUSH VALVE OPTIONS (Must Specify)
❏ -EVSFV   Master-Trol Electronic Flush Valve
❏ -EVSPFV   Master-Trol Electronic Flush Valve w/ Piezo Button
❏ -FVBO   Flush Valve by Others
❏ -FVH   Flush Valve, Hydraulic
❏ -MTPFV   Master-Trol PLUS Electronic Flush Valve
❏ -MTPPFV   Master-Trol PLUS Electronic Flush Valve
            w/ Piezo Button
❏ -MVCFV   Time-Trol Electronic Flush Valve

CABINET OPTIONS
❏ -FMT   Fixture Mounted Trim
❏ -LGB   Less Grab Bar
❏ -PH   Paper Holder, not ADA Compliant
            (Opposite Toilet/Offset Orientation)
❏ -TG   12 Gage Cabinet
❏ -THLR   Towel Hook, ❏ Single ❏ Double
            (Installed on lavy side of unit)

LAVATORY WASTE OPTIONS
❏ -CW   Combined Waste*
            *NOTE: Reduces Ligature Resistance due to
            Lavy Waste Drain Hole located within Toilet Bowl.

❏ -LWE   Lavy Waste Extension (3" Standard)
            Specify Length Beyond Fixture: _____

TOILET OPTIONS
❏ -CO1   Cleanout w/ 2-3/8" OD O-Ring Connection to No-
            Hub 4" (Plain End Only, Not applicable with -GW)
❏ -CO1-3   Cleanout w/ 2-3/8" OD O-Ring Connection to No-
            Hub 3" (Plain End Only, Not applicable with -GW)
❏ -COH   Cleanout Hook Assembly
❏ -FT   Flood-Trol (Manual Reset)**
❏ -FTA   Flood-Trol Auto-reset**
❏ -FTE   Flood-Trol Electronic**
            **NOTE: Reduces Ligature Resistance due to
            Toilet Bowl Sensor Fitting.

❏ -FVT   Flush Valve Thru Wall Connector
❏ -GW   Gasket Toilet Waste, -Wall Outlet,
            (Standard with Floor Outlet)
❏ -HPS   High Polished Seat
❏ -PC   Pinned Cleanout Plug (For CO1 Options above)
❏ -TSC   Toilet Shipping Cover
❏ -TWE   Toilet Waste Extension, (3" Standard)
            Specify Length Beyond Fixture: _____
❏ -WO3B   2-3/8" P-Trap w/ 3" OD Plain End
            Waste Outlet

PRODUCT OPTIONS
❏ -EGE   Enviro-Glaze, Specify Color: _____
            Toilet Exterior Only
❏ -DMB   Deck Mounted Hemispherical Drinking Bubbler
            (Cold water only) Not applicable with -03-M
            tempered supply
❏ -LPFV   Less Punching for Flush Valve
❏ -MT   Metal Template (Only 1 required per project)
❏ -SW   Wall Sleeve
❏ -VAC   AcornVac Systems

Please visit **www.acorneng.com** for most current specifications.

⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Selection Summary	Approved for Manufacturing
Model No. & Options_____	Company_____Title_____
Quantity_____	Signature_____ Date_____