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

**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. 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.

**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.

**Spout** selections are located on the deck to the rear of the bowl with valve controls located to the right and/or left of the DMS spout or DMB bubbler option.

**Optional Valve** may be an Air-Control pneumatically operated, pushbutton valve with 1.4 GPM flow control for the DMS spout option and 0.70 GPM flow control for the DMB bubbler spout options. 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 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. Unit is provided with Suicide Resistant Skirt (SPS optional on other fixtures).

**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.

**GUIDE SPECIFICATION**

Provide and install Acorn Penal-Ware 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 36" minimum long 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. 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 when used in conjunction with a minimum of 1.6 GPF. 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.

Please visit [www.acorneng.com](http://www.acorneng.com) for most current specifications.
Penal-Ware® 1449: ADA 2010 Compliant - Lav/Toilet Comby - Offset Toilet Bowl

1. OPTIONAL -04-M AIR-CONTROL VALVE
2. DECK MOUNTED SPOUT & PUSHBUTTONS OPTIONS
3. HYDRAULIC FLUSH VALVE PUSHBUTTON
4. OPTIONAL DMB-BPH DRINKING BUBBLER & PUSHBUTTON
5. GRAB BAR
6. 42" LONG GRAB BAR BY OTHERS
7. ACCESS PANEL
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
Penal-Ware® 1449: ADA 2010 Compliant Lav/Toilet Comby - Offset Toilet Bowl

WALL THICKNESS AND TYPE (Must Specify)
Thickness: ________ Type: [ ] Concrete [ ] Block [ ] Steel

MODEL AND OPTIONS SELECTION:
BASE MODEL NUMBER
[ ] 1449 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

SPOUT SELECTION (Must Specify)
[ ] -DMS Deck Mounted Spout
[ ] -DMB Deck Mounted Bubbler (In Lieu of Spout)
[ ] -BP Bubbler, Penal
[ ] -BPH Bubbler, Penal Hemispherical

VALVE SELECTION (Must Specify)
Air-Control (Pneumatic)
[ ] -03-M Single Temp, Metering
[ ] -04-M Hot & Cold, Metering

Master-Trol® (Electronic)
[ ] -EVS1 Single Temp
[ ] -EVSP1 Single Temp, Piezo Button

Master-Trol® PLUS (Electronic)
[ ] -MTP1 Single Temp
[ ] -MTPP2 Hot & Cold, Piezo Buttons

-MTCP VALVE OPTION
[ ] -PFB Power Failure Bypass (Provides drinking water in the event of power failure)

Time-Trol® (Electronic)
[ ] -MVC1 Single Temp
[ ] -MVC2-BAT Single Temp Battery Powered
[Batteries Not Included]

Programmable (Electronic) w/9VDC Plug-In Transformer
[ ] -PP21 Single Temp Programmable Piezo Button

Valve By Others
[ ] -9 Punched for Valve by Others

VALVE OPTIONS
-Brass Body Valve
[ ] -CI Cycle Interrupt for Time-Trol® Valves
[ ] -MA2 Manifolded, 2-Stack
[ ] -MA3 Manifolded, 3-Stack (N/A with -PFB option)
[ ] -PBH Hemispherical Pushbutton
[ ] -TF Transformer, 120VAC to 24VAC
[ ] -(MVC option only)

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
[ ] -MVCBV Time-Trol® Electronic Flush Valve

CABINET OPTIONS
[ ] -FMT Fixture Mounted Trim
[ ] -GBC Grab Bar Closure Plate
[ ] -LGB Less Grab Bar
[ ] -PH Paper Holder, not ADA Compliant
[ ] -TB Toothbrush Holder Single Hole
[ ] -TG 12 Gage Cabinet
[ ] -TH Towel Hook, Single Double
[ ] -VGC Vent Grille 8-3/4” x 8-3/4”

LAVATORY WASTE OPTIONS
[ ] -CW Combined Waste
[ ] -LWE Lavy Waste Extension (3” Standard)

Toilet Options
[ ] -CO1 Cleanout w/ 2-3/8” OD O-Ring Connection to No-Hub 4” (Plain End Only, Not applicable with -GW or -3 Floor Outlet)
[ ] -CO1-3 Cleanout w/ 2-3/8” OD O-Ring Connection to No-Hub 3” (Plain End Only, Not applicable with -GW or -3 Floor Outlet)
[ ] -COH Cleanout Hook Assembly
[ ] -FTA Flood-Trol (Manual Reset)
[ ] -FTF Flood-Trol Electronic
[ ] -FTV Flush Valve Thru Wall Connector
[ ] -GW Gasket Toilet Waste (Wall Outlet)
[ ] -HPS High Polished Seat
[ ] -PC Pinned Cleanout Plug (For CO1 Options above)
[ ] -TSC Toilet Shipping Cover
[ ] -TWE Toilet Waste Extension, (3” Standard)

PRODUCT OPTIONS
[ ] -EG Enviro-Glaze, Specify Color: __________
[ ] -EGR Enviro-Glaze, Specify Color:
[ ] -EGRG Enviro-Glaze, Specify Color: __________

CABINET OPTIONS
[ ] -FMT Fixture Mounted Trim
[ ] -GBC Grab Bar Closure Plate
[ ] -LGB Less Grab Bar
[ ] -PH Paper Holder, not ADA Compliant
[ ] -TB Toothbrush Holder Single Hole
[ ] -TG 12 Gage Cabinet
[ ] -TH Towel Hook, Single Double
[ ] -VGC Vent Grille 8-3/4” x 8-3/4”

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[ ] -CO1-3 Cleanout w/ 2-3/8” OD O-Ring Connection to No-Hub 3” (Plain End Only, Not applicable with -GW or -3 Floor Outlet)
[ ] -COH Cleanout Hook Assembly
[ ] -FTA Flood-Trol (Manual Reset)
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[ ] -GW Gasket Toilet Waste (Wall Outlet)
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[ ] -PC Pinned Cleanout Plug (For CO1 Options above)
[ ] -TSC Toilet Shipping Cover
[ ] -TWE Toilet Waste Extension, (3” Standard)

PRODUCT OPTIONS
[ ] -EG Enviro-Glaze, Specify Color: __________
[ ] -EGR Enviro-Glaze, Specify Color:
[ ] -EGRG Enviro-Glaze, Specify Color: __________

Company__________________Title______________
Signature_________________ Date______________

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

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

Important: Installation instructions and current rough-in are furnished with each fixture. Do not rough in without certified dimensions.