15" Lav-Toilet Comby with Lavatory Multi-Sided Bowl

**Fixture** is arranged to be installed on finished wall and serviced from an accessible pipe chase. Optional Wall Sleeve or Metal Template is recommended for all installations for required wall openings. Fixture is fabricated from 14 gage, type 304 stainless steel cabinet and toilet bowl and is seamless welded construction with a satin finish. The inside of the toilet bowl also has a satin finish. Cabinet interior is sound-deadened with fire-resistant material. There are no accessible voids or crevices where contraband can be concealed.

**Lavatory Multi-Sided Bowl** is 12-3/4" x 8-1/4" x 5" deep. Standard elbow waste outlet is 1-1/2" O.D. plain end.

**Optional Valve** may be an Air-Control pneumatically operated, pushbutton valve using atmospheric air. Pushbutton is vandal-resistant and requires less than 5 pounds to activate valve. Valve is direct acting, non-metering type and is optionally available as metering with non-hold open feature. Metering valve timing is adjustable from 5 to 60 seconds. Valve includes a 0.5 GPM flow control and can be remotely located up to 10 feet from the operating pushbutton. Valve and bubbler conform with lead free requirements for NSF61, Section 9 and CHSC 116875.

**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 1.28 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 fixture for wall outlet or Gasketed Waste for floor outlet.

**Regularly Furnished** items include a fast drain, integral raised soap ribs, and mounting hardware.

**GUIDE SPECIFICATION**

Provide and install Acorn Penal-Ware® 15" wide Lav-Toilet Comby (specify model number and options). Fixture shall be fabricated of type 304 stainless steel. Construction shall be seamless welded and exposed surfaces shall have a satin finish. Countertop shall have raised soap ribs. Provide Air-control pneumatically operated pushbutton valve. Valve and bubbler conform with lead free requirements for NSF61, Section 9 and CHSC 116875. Toilet shall be concealed blowout jet type with an elongated bowl, a self-draining flushing rim, and an integral contoured seat. 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 1.28 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 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.
NOTES:
1. -04 Hot & Cold Air-Control Valve Shown
2. Lavy Valve Pushbuttons
3. Lavy -BP Penal Bubbler Shown
4. Lavy Waste Outlet
5. Optional -FV Flush Valve Shown
6. Toilet Waste Outlet
7. Wall Mounting Hardware

1415-AL-2-BP-04 SHOWN (-AR OPPOSITE)

1415-CT-1-BP-04
**Penal-Ware® 1415: 15" Lav-Toilet Comby with Lavatory Multi-Sided Bowl**

**WALL THICKNESS AND TYPE (Must Specify)**
- Thickness: __________ Type: □ Concrete □ Block □ Steel

**MODEL AND OPTIONS SELECTION:**
- **BASE MODEL NUMBER**
  - □ 1415 15" Lav-Toilet Comby

**TOILET ORIENTATION (Must Specify)**
- □ AL Angled Left
- □ AR Angled Right
- □ CT Centered Toilet

**FIXTURE MOUNTING AND WASTE (Must Specify)**
- □ -1 Off-Floor, Wall Outlet
- □ -2 On-Floor, Wall Outlet
- □ -3 On-Floor, Floor Outlet

**BUBBLER SELECTION (Must Specify)**
- □ -BC Bubbler, Code
- □ -BPH Bubbler, Penal Hemispherical
- □ -LF Lav-Filler

**VALVE SELECTION (Must Specify)**
- **Air-Control (Pneumatic)**
  - □ -03 Single Temp, Non-Metering
  - □ -03-M Single Temp, Metering
  - □ -04 Hot & Cold, Non-Metering
  - □ -04-M Hot & Cold, Metering
  - □ -04-MH Hot & Cold, Metering Hot Side Only

**Master-Trol® (Electronic)**
- □ -EVS1 Single Temp
- □ -EVS2 Hot & Cold
- □ -EVS1P Single Temp, Piezo Button
- □ -EVS2P Hot & Cold, Piezo Buttons

**Master-Trol® PLUS (Electronic)**
- □ -MTP1 Single Temp
- □ -MTP2 Hot & Cold
- □ -MTP1P Single Temp, Piezo Button
- □ -MTP2P Hot & Cold, Piezo Buttons

**-MFB VALVE OPTION**
- □ -PFB Power Failure Bypass (Provides 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**
- □ -9 Punched for Valve by Others

**FLUSH VALVE GPF's (Must Specify)**
- □ -1.28 GPF (HET)
- □ -1.6 GPF (Not Available in California)
- □ -3.5 GPF (Not Available in California)

**FLUSH VALVE OPTIONS (Must Specify)**
- □ -EVSVFV Master-Trol® Electronic Flush Valve
- □ -EVSPFV Master-Trol® Electronic Flush Valve w/ Piezo Button
- □ -FV Flush Valve, Mechanical
- □ -FVB0 Flush Valve by Others
- □ -FVH Flush Valve, Hydraulic
- □ -MTPFV Master-Trol® PLUS Electronic Flush Valve
- □ -MPSPFV Master-Trol® PLUS Electronic Flush Valve w/ Piezo Button
- □ -MVCVFV Time-Trol® Electronic Flush Valve

**CABINET OPTIONS**
- □ -FMT Fixture Mounted Trim
- □ -IS Integral Shelf
- □ -PH Paper Holder, w/ -CT Centered Toilet □ L □ C □ R
  Paper Holder w/ -AL / -AR Angled Toilet □ Left Front □ Right Front
- □ -TB Toothbrush Holder □ Left □ Right
- □ -TG 12 Gage Cabinet
- □ -TH Towel Hook □ Single □ Double □ Left □ Right
- □ -LG Vent Grille 5-3/4" x 8-3/4"
- □ -LG2 Vent Grille 8-3/4" x 13" (Bottom Only) (-1 Only)

**LAVATORY WASTE OPTIONS**
- □ -CW Combined Waste
- □ -LW1 Lav Thru-Wall Extension With P-Trap
- □ -LWE Lav Waste Extension (3" Standard)
  Specify Length Beyond Fixture: __________
- □ -OF Lavatory Overflow
- □ -PT 1-1/2" Removable P-Trap

**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
- □ -FT Flood-Trol (Manual Reset)
- □ -FAT Flood-Trol Auto-Reset
- □ -FTE Flood-Trol Electronic
- □ -FVT Flush Valve Thru Wall Connector
- □ -FVO Flush Valve Opposite In Lieu Of Standard Location
- □ -GW Gasketed Toilet Waste (Wall Outlet)
- □ -HPS High Polished Seat
- □ -HSS Hinged Seat
- □ -PC Pinned Cleanout Plug (For -CO1 Options above)
- □ -SPS Ligature Resistant Skirt
- □ -SNC Toilet Shipping Cover
- □ -TWE Toilet Waste Extension (3" Standard)
  Specify Length Beyond Fixture: __________
- □ -WO3B 2-3/8" P-Trap w/ 3" Plain End Waste Outlet

**PRODUCT OPTIONS**
- □ -EG Enviro-Glaze Color Specify: __________
  Toilet Interior & Exterior
- □ -EGE Enviro-Glaze Color Specify: __________
  Toilet Exterior Only
- □ -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](http://www.acorneng.com) for most current specifications.

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

Dimensions are subject to manufacturer’s tolerance of plus or minus 1/4” and change without notice. Acorn assumes no responsibility for use of void or superseded data.