



## Penal-Ware® R1418 Series Modified 18" Lav-Toilet Comby



R1418-CT-2-BP-04-FV-PHLF



R1418-AL-2-BP-04-FV-PHC

Fixture May Show Some Available Options



Please visit [www.acorneng.com](http://www.acorneng.com) for most current specifications.

### Modified 18" Lav-Toilet Comby - Replacement

**Acorn R1418-REPL Lav-Toilet Comby** is designed to replace a variety of existing combination fixtures using existing waste and mounting hardware.

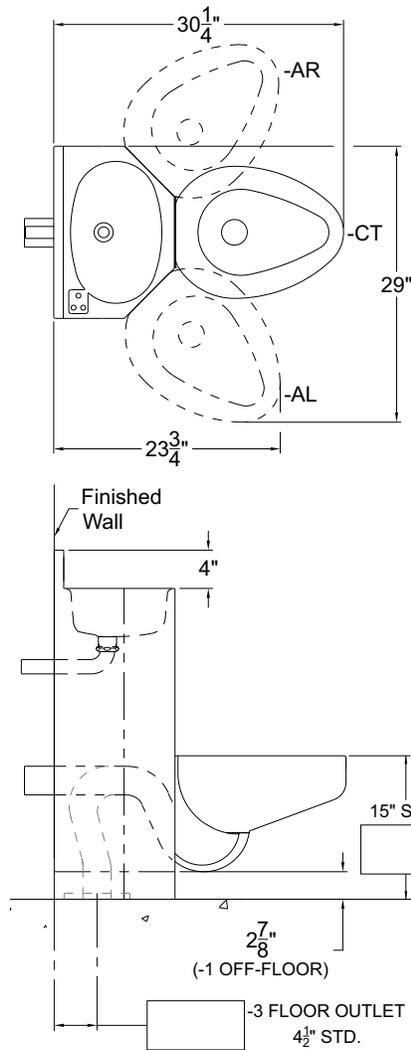
**Fixture** is arranged to be installed on finished wall and serviced from an accessible pipe chase.

**Cabinet and Toilet Bowl** are fabricated from 14 gage, type 304 stainless steel and is seamless welded construction with a satin finish. The inside of the toilet bowl 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 Bowl** Standard Oval Bowl is 14-3/4" x 9-1/2" x 5" deep. Waste connection size and type must be specified.

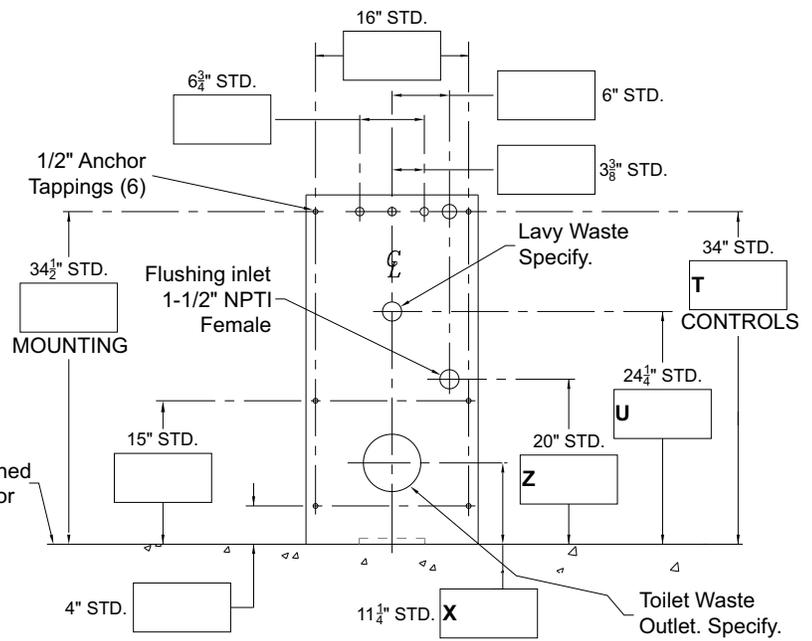
**Toilet** is blowout jet type with elongated bowl manufactured to ASME A112.19.3-2008 and CSA B45.4-2008 requirements and will flush with a minimum of 25 PSI flow pressure when used in conjunction with a minimum of 1.6 GPF. Trap has a minimum 3-1/2" seal and will pass a 2-1/8" ball. Toilet waste outlet connection is 2-3/8" plain end unless otherwise specified.

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### MUST SPECIFY:

LAVY WASTE:	SPECIFY PUNCHING IF RE-USING EXISTING VALVE:		
<input type="checkbox"/> 1 1/4" NPT FEMALE			1-1/8" DIA.
<input type="checkbox"/> 1 1/2" NPT FEMALE			1-1/8" SQ.
<input type="checkbox"/> 1 1/2" O.D. PLAIN END			7/8" DIA. "D"
<input type="checkbox"/> -CW COMBINED WASTE	Flush Valve Button Punching Diameter: _____ 1 1/2" STD.		



ROUGH-IN VIEW FROM FIXTURE SIDE  
 -AR ANGLED RIGHT SHOWN -AL ANGLED LEFT OPPOSITE

ALL DIMENSIONS ARE FROM FINISHED FLOOR, OR FINISHED WALL



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## WALL THICKNESS AND TYPE (Must Specify)

Thickness: \_\_\_\_\_ Type:  Concrete  Block  Steel

## MODEL AND OPTIONS SELECTION:

### BASE MODEL NUMBER

R1418 18" 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
- BP Bubbler, Penal
- 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
- 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)

#### Valve By Others

- 9 Punched for Valve by Others

### VALVE OPTIONS

- BRS Brass Body Valve
- CI Cycle Interrupt for Time-Trol® Valves
- MA2 Manifoldd, 2-Stack
- MA3 Manifoldd, 3-Stack
- MA4 Manifoldd, 4-Stack
- PBH Hemispherical Pushbutton
- PBP Pushrod Activated Pushbutton
- TF Transformer, 120VAC to 24VAC  
(-MVC option only)

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### FLUSH VALVE GPF's (Must Specify)

- 1.28 GPF (HET)
- 1.6 GPF
- 3.5 GPF

### FLUSH VALVE OPTIONS (Must Specify)

- EVSFV Master-Trol® Electronic Flush Valve
- EVSPFV Master-Trol® Electronic Flush Valve w/ Piezo Button
- FV Flush Valve, Mechanical
- 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
- IS Integral Shelf
- PH Paper Holder  L  R  C  LF  RF
- TB Toothbrush Holder  Left  Right
- TG 12 Gage Cabinet
- TH Towel Hook  Single  Double  Left  Right
- VG1 Vent Grille, 5-3/4" x 8-3/4"  L  R  LF  RF
- VG2 Vent Grille, 8-3/4" x 13" (Bottom Only)(-1 Only)

### LAVATORY WASTE OPTIONS

- CW Combined Waste
- LW1 Lavy Thru-Wall Extension with P-Trap
- LWE Lavy Waste Extension (3" Standard)  
Specify Length Beyond Fixture: \_\_\_\_\_
- OF Lavatory Overflow
- PT 1-1/2" Removable P-Trap Waste

### 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
- FTA Flood-Trol, Auto-Reset
- FTE Flood-Trol, Electronic
- FVO Flush Valve Opposite In Lieu of Standard Location
- FVT Flush Valve Thru Wall Connector
- GW Gasketed Toilet Waste (Wall Outlet)
- HPS High Polish Seat #7 Finish
- HS Hinged Seat
- PC Pinned Cleanout Plug (For -CO1 Options above)
- SPS Ligature Resistant Skirt
- TSC 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
- LPPFV Less Punching for Flush Valve
- MT Metal Template (Only 1 Required Per Project)
- SW Wall Sleeve
- VAC AcornVac System

**WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

<p><b>Important:</b> 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. © Copyright 2009 Acorn Engineering Company</p>	
<p style="text-align: center;">Selection Summary</p> <p>Model No. &amp; Option _____</p> <p>Quantity _____</p>	<p style="text-align: center;">Approved for Manufacturing</p> <p>Company _____ Title _____</p> <p>Signature _____ Date _____</p>