

- cUPC Certified
- ADA and TAS Compliant
- Suitable for Heavy Duty Hand Washing
- Reliable Infrared, Air Metering or TouchTime® Control
- Vandal Resistant - Easy to Clean
- Wall-Hung or Pedestal-to-Floor in Three Different Heights (Including Juvenile Height)

Specifications

Size and Capacity

Accommodates up to 3 users at a time, using less water, energy and space than lavs equipped with conventional faucets. An infrared, sensor-actuated solenoid valve or push button activated air metering valve controls the non-sectional sprayhead. The operating range is 20-80 PSI with a flow rate of 1.25 GPM when properly adjusted.

Construction

Bowl Materials

Constructed of Terreon®, a densified solid surface material composed of polyester resin, or Terreon®RE, a densified solid surface material composed of a bio-based resin and preconsumer recycled granules. Terreon and TerreonRE are resistant to chemicals, stains, burns and impact. Surface damage can be easily repaired with everyday cleansers or fine grit abrasives. Terreon and TerreonRE are NAHB certified to meet ANSI Z124.3, Z124.6 and ANSI/ICPA SS-1-2001. Terreon and TerreonRE are GREENGUARD® certified as low-emitting materials.

Trap Enclosure/Pedestal

Choose from a wall-hung trap enclosure support or full-length pedestal. Both are fabricated from reinforced, gel-coated fiberglass with a stainless steel trim piece or kick plate to prevent damage. A large access panel is provided for ease of installation and maintenance.

Vandal Resistance

The infrared sensors and lenses or push buttons are secured to the unit from inside a heavy gauge stainless steel module to prevent tampering. If a vandal attempts to trigger constant operation by covering the sensor or placing a stationary object in the sensor's detection area, the infrared sensor will automatically shut off the water flow after 30 seconds. All valves, water supplies and waste connections are concealed inside the pedestal/trap enclosure. The Terreon and TerreonRE bowls are resistant to stains, burns and impact; surface damage is easily repaired and repair work is virtually undetectable.

Standard Equipment

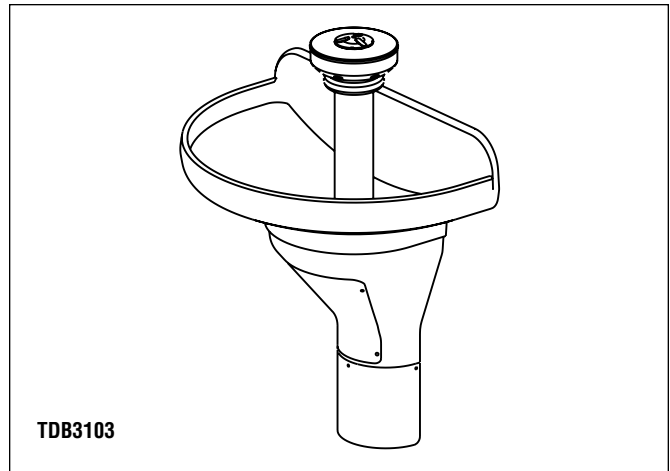
Valves and Fittings

In addition to the bowl and pedestal, the following valves and fittings are standard: sprayhead with stainless steel support tube and bowl gasket; drain and tailpiece with strainer; sprayhead supply tubing; Navigator® thermostatic mixing valve; flexible stainless steel supply hoses; stops, and volume control valve.

Activation Controls

Infrared Control

Each of the stream formers is controlled by a separate solenoid valve. Hands placed within the bowl are detected by an infrared sensor module which activates a flow of tempered water from one station. Shut-off is automatic after hands are removed from the detection area. The infrared sensor uses a conical-shaped transmitting beam, having a detection area adapted to, but not exceeding, the bowl perimeter. The adaptive infrared sensor automatically adapts to the bowl after power is turned on. The infrared sensor is not affected by varying color tones or darkness. Direct sunlight or bright washroom lights will not activate the system. Infrared models also include solenoid valves and a low-voltage transformer as standard equipment.



TDB3103

- Solenoid – 24V, 50/60 Hz, 5/16" tube fitting. Few moving parts, and resistant to most chemicals, minerals, and impurities often present in municipal water supplies.
- Low-Voltage Transformer – Class II UL/CSA listed, 110/24 VAC plug-in transformer. Plugs into a standard GFCI protected electrical outlet. Location of transformer per local electrical code.

Air Valve Hand Control

Each push button pneumatically actuates a non-hold-open, air metering, single-temperature valve with field adjustable timing from 0–45 seconds. Factory preset at 10 seconds. Each push button activates a flow of tempered water from the non-sectional sprayhead. Push button requires less than five pounds of pressure.

TouchTime Hand Control

Each low-voltage button actuates a non-hold-open, slow-closing anti-hammer solenoid valve that is timed from an electronic potted assembly. Each push button activates a flow of tempered water from the non-sectional sprayhead. TouchTime controls water flow at each station through the use of solid state, digital circuitry. Timing is electronically controlled at 15 seconds. Push button requires less than five pounds of pressure.

Code Compliance and Certifications

ANSI Standards

Terreon and TerreonRE are certified by NAHB to meet ANSI Z124.3, Z124.6 and ANSI/ICPA SS-1-2001.

cUPC Certified

The Terreon and TerreonRE Deep Bowl Washfountains are Uniform Plumbing Code (cUPC) certified through the International Association of Plumbing and Mechanical Officials (IAPMO).

Barrier-Free (ADA Compliant)

The 36" Terreon and TerreonRE Deep Bowl Washfountains comply with all ADA and TAS guidelines on reaches, clearances and operations. Optional equipment may not comply with all ADA dimensional guidelines.



Protected by U.S. patent: D433109
Standard product selections contained within this document are third party **CERTIFIED** to NSF/ANSI 372 meeting the Lead-Free content requirement. Any product configured with custom options will be **COMPLIANT** with NSF/ANSI 372 meeting the Lead-Free content requirement.



Standard Selections (Must select one from each category)			
Trap Enclosure/Pedestal (select one)			
<input type="checkbox"/> WALL	Wall Hung Trap Enclosure/Support		
<input type="checkbox"/> STD	Pedestal - Standard Height 34" Rim		
<input type="checkbox"/> JUV	Juvenile Height 30" Rim		
<input type="checkbox"/> TAS	Intermediate Height 32" Rim		
Drain Type (select one)			
<input type="checkbox"/> A	Off-line vent with supplies from below		
<input type="checkbox"/> D	Off-line vent with supplies from above		
Controls (select one)			
<input type="checkbox"/> IR	Adaptive Infrared Activation	<input type="checkbox"/> TT	Touchtime® Control
<input type="checkbox"/> AST4	Air Valve Hand Control		
Mixing Valve (select one)			
<input type="checkbox"/> TL	Tempered Line	<input type="checkbox"/> TMA	Thermostatic Mixing Valve
Soap Dispenser (select one)			
<input type="checkbox"/> LSD*	Liquid Soap Dispenser	<input type="checkbox"/> MPSD*	Metal-Clad Powdered Soap Dispenser
<input type="checkbox"/> PSD*	Powdered Soap Dispenser	<input type="checkbox"/> NSD	No Soap Dispenser
<input type="checkbox"/> MLSD*	Metal-Clad Liquid Soap Dispenser		
Color of Terreon Bowl (select one)			
<i>Standard Colors</i>			
<input type="checkbox"/> ALP-WHT	Alpine White	<input type="checkbox"/> LONDON	London Gray
<input type="checkbox"/> AVALANCHE†	Avalanche	<input type="checkbox"/> MOONSTONE†	Moonstone
<input type="checkbox"/> BONE	Mesa Bone	<input type="checkbox"/> O-TAUPE	Organic Taupe
<input type="checkbox"/> CHAR‡	Charcoal Gray	<input type="checkbox"/> PEBBLE	Pebble Beach
<input type="checkbox"/> COBBLE	Cobblestone	<input type="checkbox"/> PEP-WHT	Peppered White
<input type="checkbox"/> DRIFT†	Driftwood	<input type="checkbox"/> POLAR†	Polar Ice
<input type="checkbox"/> DS-WHT	Designer White	<input type="checkbox"/> SAND	Sandtrap
<input type="checkbox"/> DUNE†	Sand Dune	<input type="checkbox"/> S-CREEK	Stone Creek
<input type="checkbox"/> E-GRAY	Empire Gray	<input type="checkbox"/> S-MIST	Silver Mist
<input type="checkbox"/> GLACIER	Glacier	<input type="checkbox"/> WHT-SAND	White Sand
<input type="checkbox"/> GRAPH‡	Graphite		
<input type="checkbox"/> LANNON	Lannonstone		
<i>Designer Colors** (available at an additional charge)</i>			
<input type="checkbox"/> ARC-CHIP	Arctic Chip	<input type="checkbox"/> RIVER	Riverstone
<input type="checkbox"/> COFFEE	Coffee Bean		
<i>TerreonRE Colors** (available at an additional charge)</i>			
<input type="checkbox"/> BIRCH-BARK	Birch Bark	<input type="checkbox"/> MOONDUST	Moondust
<input type="checkbox"/> DUSK	Dusk	<input type="checkbox"/> OAT	Oat

* Optional equipment may not comply with all ADA guidelines

**Non-cancellable, non-returnable

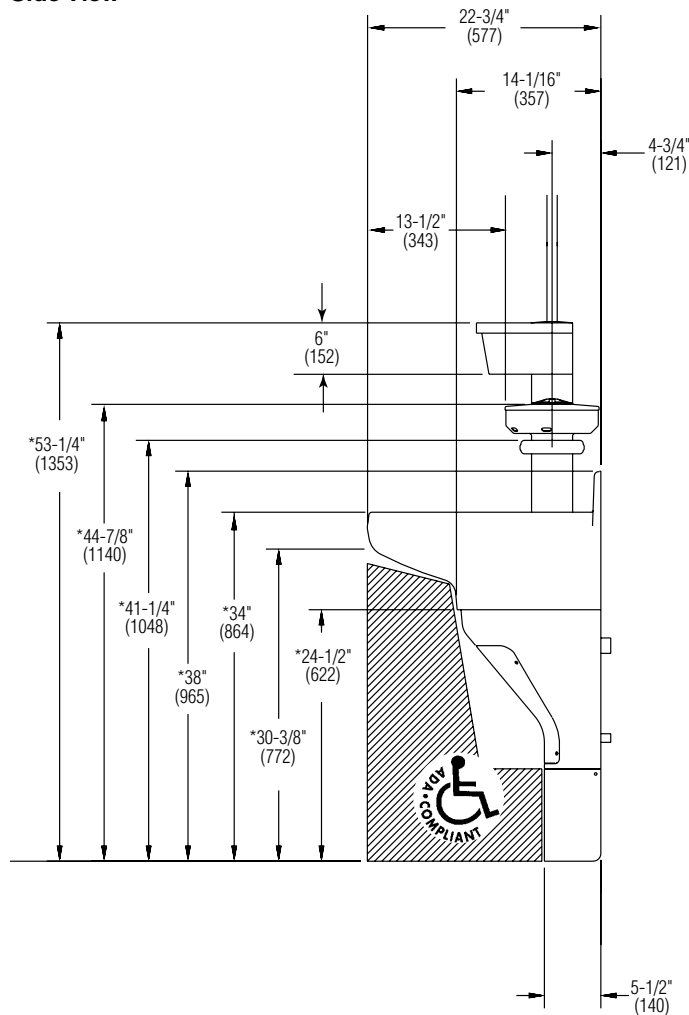
†This color contains large, randomly distributed chips.

‡Requires tempered (less than 110°F) or optional TMA.

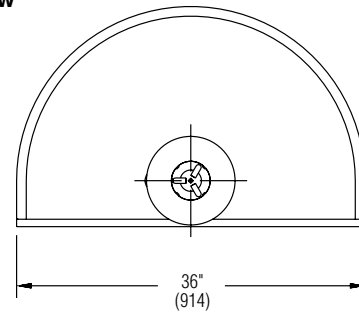
Dimensions

(mm)

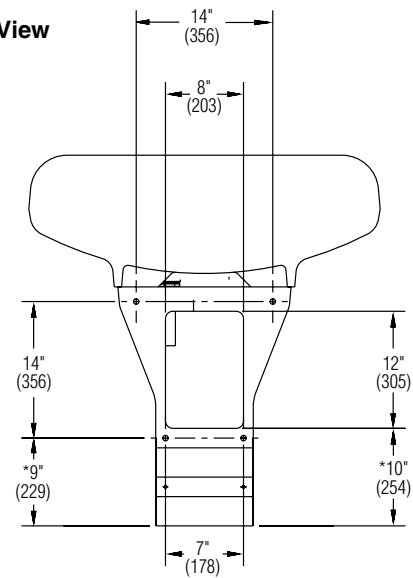
Side View



Top View



Back View



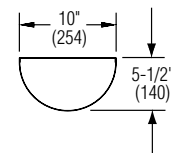
Model TDB3103 ADA Compliant

Optional equipment may not comply with all ADA dimensional guidelines

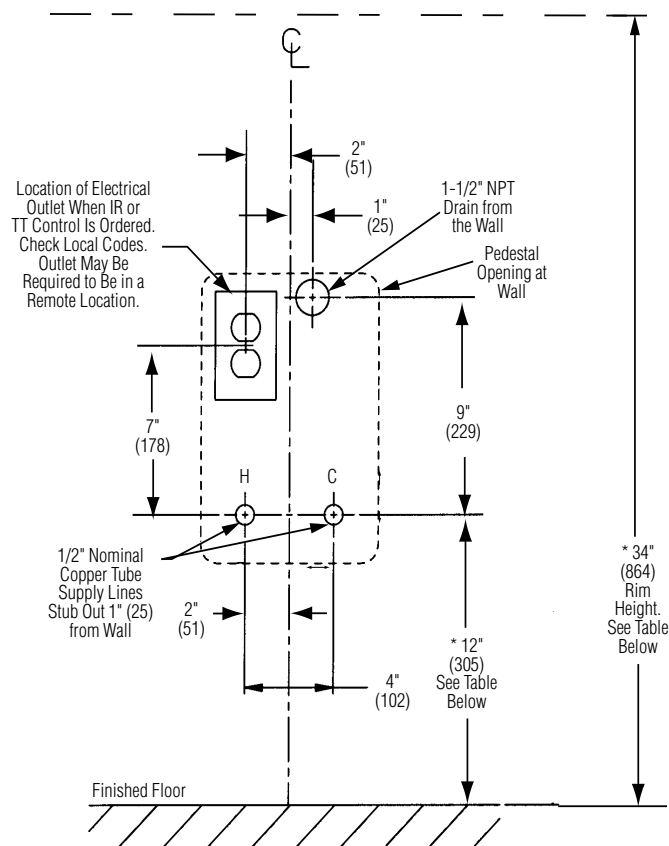
Rim Height	Application	Adjustment
34"	Adult Height ADA, TAS Adult Height	None, as shown
*32"	TAS Ages 11 through 14 or 15, Grades 6 through 8 or 9	*Subtract 2"
*30"	TAS Ages 4 through 10 or 11, Grades K through 5 or 6 and Proposed Juvenile Height ADA	*Subtract 4"

* Adjustments to vertical dimensions for various rim heights.

Bottom View

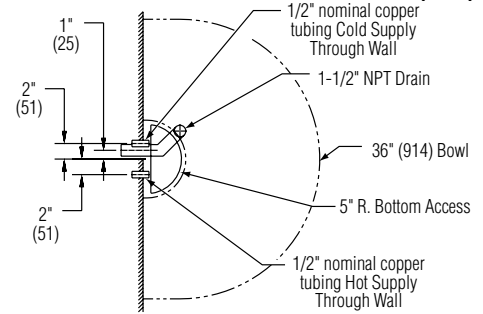


Rough-Ins

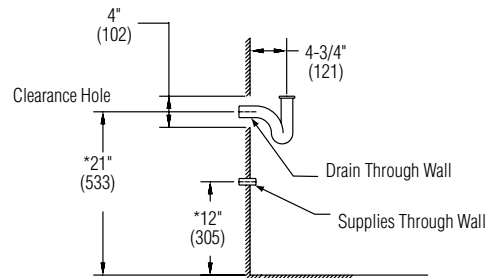


Type A Drain

- Supplies through wall
- Vented through wall off-drain

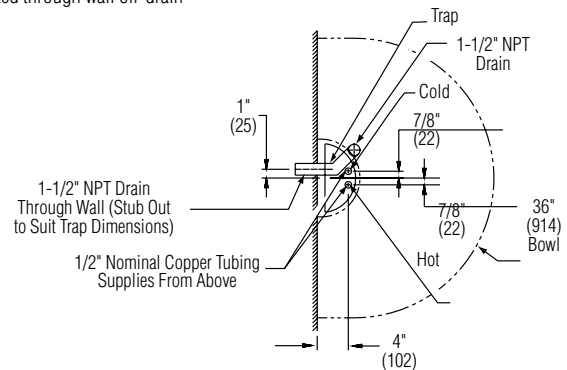


Trap for Wall Outlet Only

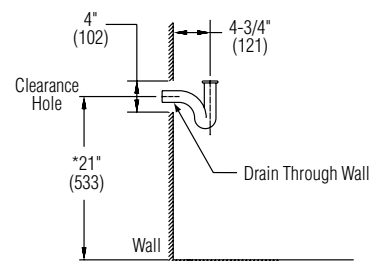


Type O Drain

- Supplies from above
- Vented through wall off-drain



Trap for Wall Outlet Only



Rim Height	Application	Adjustment
34"	Adult Height ADA, TAS Adult Height	None, as shown
*32"	TAS Ages 11 through 14 or 15, Grades 6 through 8 or 9	*Subtract 2"
*30"	TAS Ages 4 through 10 or 11, Grades K through 5 or 6 and Proposed Juvenile Height ADA	*Subtract 4"

* Adjustments to vertical dimensions for various rim heights.

Rough-In Notes

1. Drain P-Trap and Supplies by others.