



A WATTS Brand

TDB3104

Terreon® 54" Semi-Circular, Deep Bowl Washfountain

Key Features

- ADA compliant
- Suitable for heavy-duty hand washing
- Air valve metering, infrared activation, or TouchTime® mechanical metering
- Vandal resistant - easy to clean
- Three different heights (including juvenile and intermediate heights)
- Available in a 54" bowl size

Specifications

Size and Capacity

Accommodates up to four users at a time. The classic sprayhead (non-sectional) is controlled by an infrared sensor, electronic pushbutton or piezo switch, or air activated push button. The operating range is 20-80 psi.

Construction

Bowl Materials

Constructed of Terreon®, a densified solid surface material composed of bio-based resin. Terreon is resistant to chemicals, stains, burns, and impact. Surface damage can be easily repaired with everyday cleansers or fine grit abrasives. Terreon is GREENGUARD® certified as low-emitting materials.

Pedestal

Tapered pedestal is fabricated from a reinforced, gel-coated fiberglass. The pedestal incorporates a large access panel, for ease of installation and maintenance, and a 6" stainless steel kick plate to prevent damage.

Vandal Resistance

The infrared sensors and lenses, pushbuttons, or switches 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 adaptive infrared sensor will automatically shut off the water flow after 30 seconds. All valves, water supplies, and waste connections are concealed inside the pedestal. The Terreon is 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, spud with strainer, sprayhead supply tubing, Navigator® thermostatic mixing valve, flexible stainless steel supply hoses, stops, and adjustable volume control valve.

Activation Types

Infrared Activation

Hands placed within the bowl are detected by an infrared sensor module that activates a flow of tempered water at a rate of 1.0 gpm (3.8 Lpm) from the classic non-sectional sprayhead. 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 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 12V plug-in adapter as standard equipment:

- Solenoid – 12VDC, 1/2" supply inlet. Few moving parts, and resistant to most chemicals, minerals, and impurities often present in municipal water supplies.
- Low-Voltage Adapter – A UL/CSA listed 120VAC/12VDC plug-in adapter plugs into a standard GFCI protected electrical outlet. Location of transformer per local electrical code.

Air Valve Metering

Each pushbutton pneumatically actuates a non-hold-open, air metering, single-temperature valve with field adjustable timing from 0–45 seconds. Factory preset at 11 seconds. Each push button activates a flow of tempered water at a rate of 0.25 gpc (0.95 Lpc) from the classic non-sectional sprayhead. Pushbutton requires less than five pounds of pressure.



TouchTime® Mechanical Metering

Each low-voltage mechanical pushbutton or piezo switch actuates a non-hold-open, slow-closing, anti-hammer solenoid valve that is timed from an electronic potted assembly. Each pushbutton activates a flow of tempered water at a rate of 0.25 gpc (0.95 Lpc) from the classic non-sectional sprayhead. TouchTime controls water flow through the use of solid state, digital circuitry. Timing is factory set at 11 second run time but is field adjustable to pre-set timeout periods and optional auto-flush function. The 24 hour flush function will activate water flow for a period of 60 seconds any time there has been no activation within the past 24 hours. Pushbutton and piezo switch requires less than five pounds of pressure. Protected by U.S. patent: D433109

Product Compliance

Listed by IAPMO R&T to

- Uniform Plumbing Code (UPC)
- National Plumbing Code of Canada
- International Plumbing Code (IPC)
- IGC 156 and the requirements of CSA B45.5/IAPMO Z124 and ASME A112.18.1/CSA B125.1



Listed by UL Environment to

- GreenGuard Gold



Sustainability

Terreon participates in the mindful MATERIALS library



Serves the American Disabilities Act and ICC/ANSI 117.1 guidelines, citations 306, 308, 309.4, 606.4, 606.5 when installed according to these requirements. Consult local codes and standards.

Listed by NSF International to

- NSF/ANSI 372



Complies with

- ADA
- ICC/ANSI 117.1
- TAS

(Optional equipment may not comply with all ADA dimensional guidelines)



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Standard Selections (Must select one from each category)					
Drain Type (select one)					
O	Off-line vent with supplies from above				
B	Centrally rising vent with supplies from above				
A	Off-line vent with supplies from below				
H	Centrally rising vent with supplies from below				
Mounting Height Type (select one)					
STD	Standard Height 34" Rim				
JUV	Juvenile Height 30" Rim				
TAS	Intermediate Height 32" Rim				
Sprayhead Type (select one)					
CLC	Classic Sprayhead (entire sprayhead activates)				
Activation Type (select one)					
IRP	Infrared	TTPA	TouchTime Pushbutton §		
AST4	Air Pushbutton	TTPB	TouchTime Piezo Switch §		
Water Supply Type (select one)					
TL	Tempered Line				
TMA	Thermostatic Mixing Valve				
Soap Dispenser Type (select one)					
LSD	Liquid Soap Dispenser *	MPSD	Metal-Clad Powdered Soap Dispenser *		
PSD	Powdered Soap Dispenser *	NSD	No Soap Dispenser		
MLSD	Metal-Clad Liquid Soap Dispenser *				
SA	Cube Adapter for Individual Soap Dispensers (dispensers sold separately)				
Color of Terreon Bowl (select one)					
NOTE: Click on any swatch to view as a larger image.					
Standard Colors					
ALP-WHT		Alpine White	PEBBLE		Pebble Beach
CHAR		Charcoal Gray	PEP-WHT		Peppered White
DRIFT		Driftwood †	POLAR		Polar Ice †
DS-WHT		Designer White	RIVER		Riverstone
E-GRAY		Empire Gray	SAND		Sandtrap
GLACIER		Glacier	S-CREEK		Stone Creek
GRAPH		Graphite	S-MIST		Silver Mist
LANNON		Lannonstone	WHT-SAND		White Sand
MOONSTONE		Moonstone †			

Optional Selections	
Shroud Type	
SH	Stainless Steel Shroud (Conceals overhead plumbing)
NONE	No Shroud
<i>NOTE: Floor to ceiling height is required; maximum height of 13 ft. 0 in. A height greater than the maximum height will be considered a special order.</i>	
Support Tube Reinforcement Type	
TA	1-1/2" Tie Pipe Assembly (not required when SH is selected)
NONE	No Tie Pipe Assembly
Towel Dispenser Type	
CFTD	(2) C-Fold, Multi-Fold Dispenser *
NONE	No Towel Dispenser

* Optional equipment may not comply with all ADA guidelines.

† This color contains large, randomly distributed chips.

§ TTPA and TTPB valves require a low-voltage UL/CSA listed 120VAC/12VDC plug-in adapter.



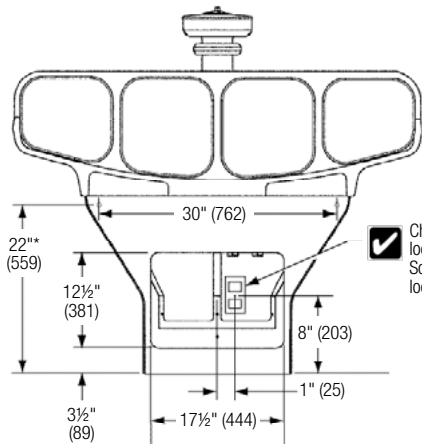
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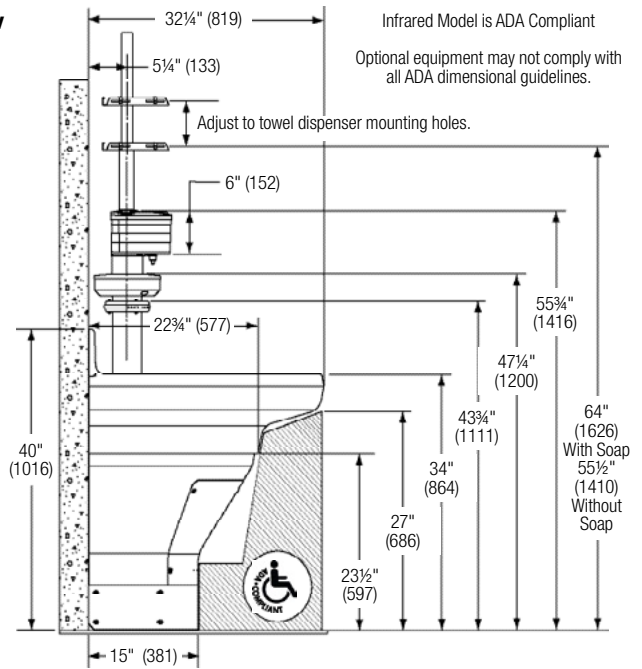
(mm)

Dimensions – Standard & Juvenile Height

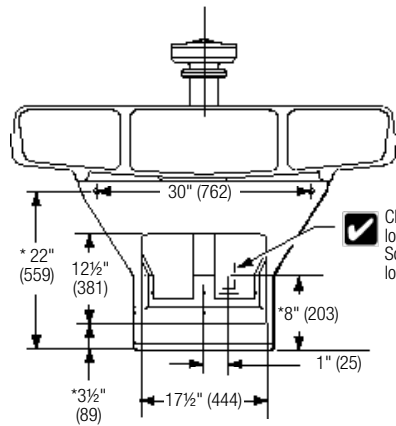
Rear View Standard Height



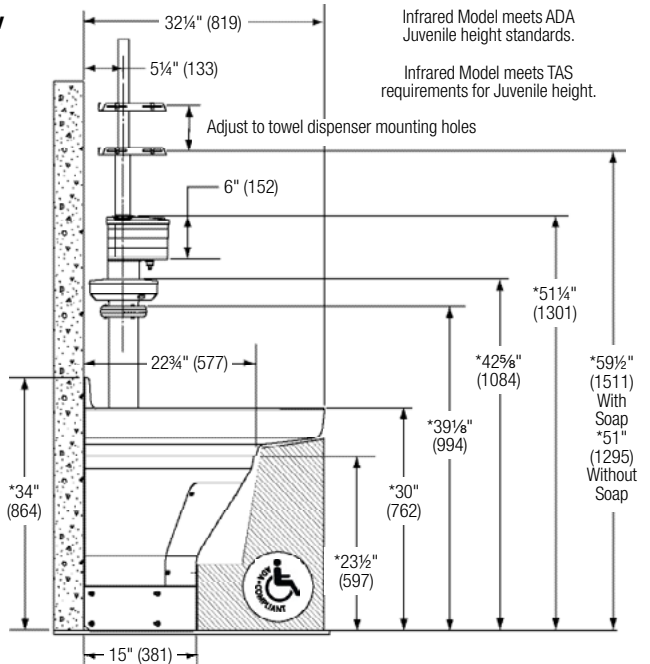
Side View Standard Height



Rear View Juvenile Height



Side View Juvenile Height



* Add 2" (51) for TAS height unit



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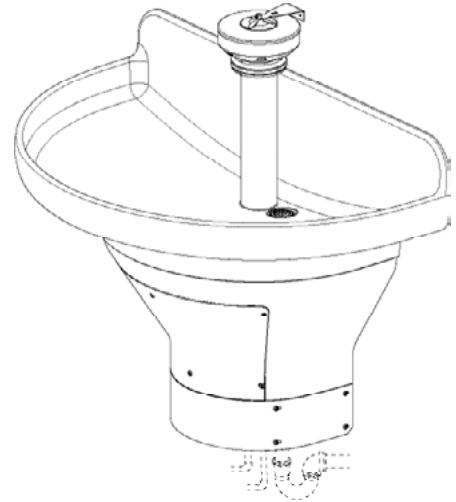
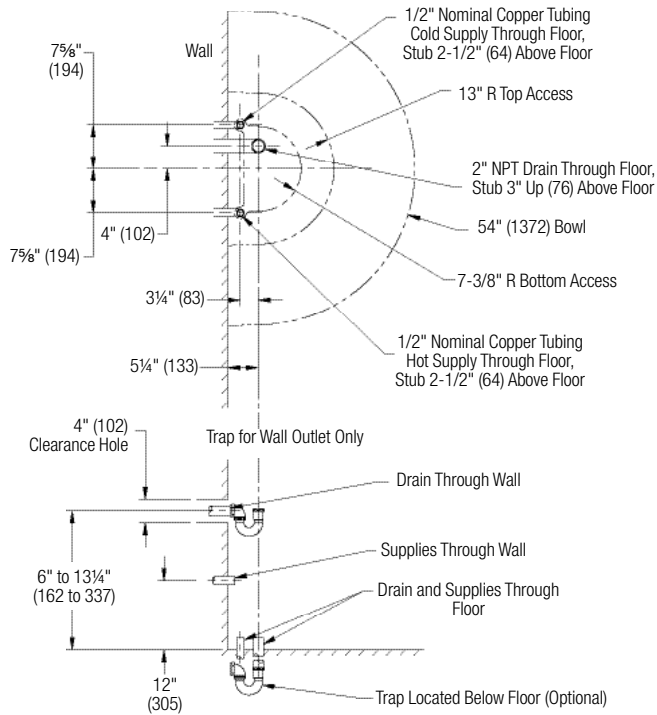
TDB3104 Terreon® 54" Semi-Circular, Deep Bowl Washfountain

(mm)

Rough-Ins

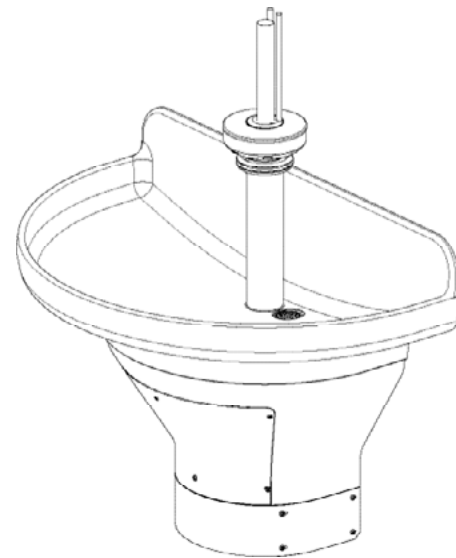
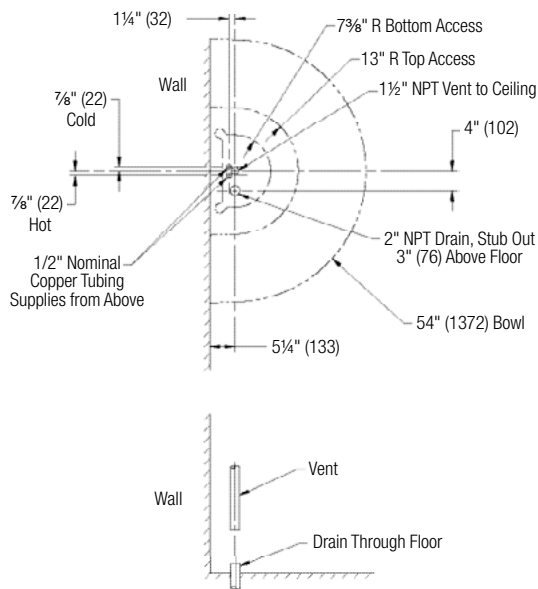
Type A Drain

- Supplies from below or through wall
- Vented from below or through wall off-drain



Type B Drain

- Supplies from above
- Vented through ceiling off trap inside pedestal



Rough-In Notes

- All pipes and fittings not furnished by Bradley are shown in broken lines.



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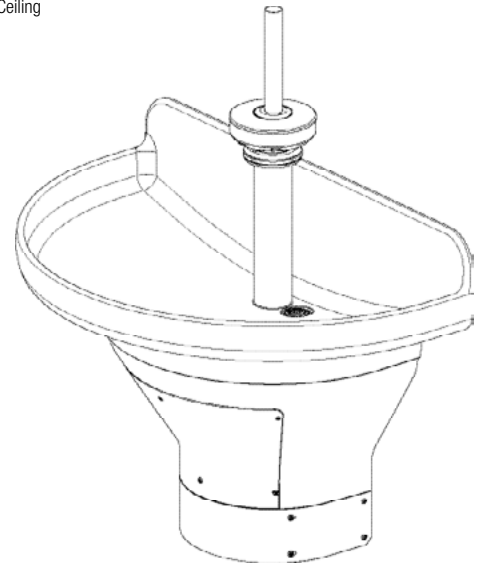
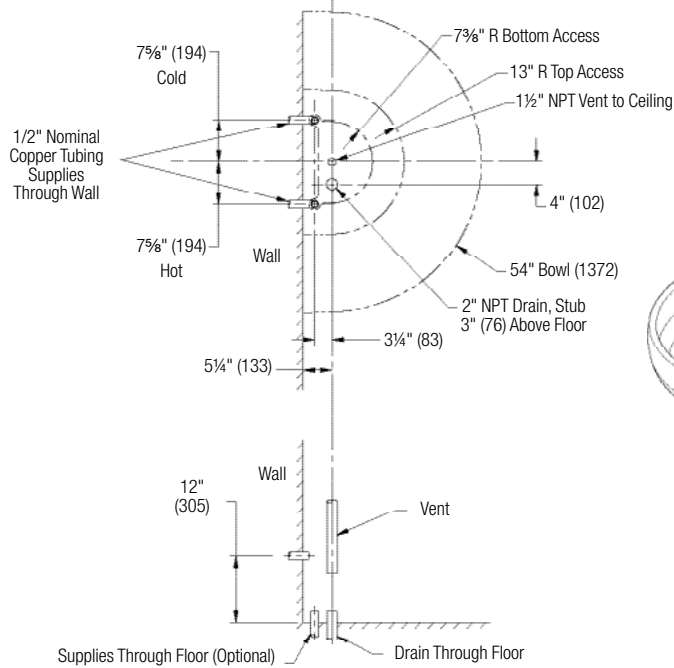
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(mm)

Rough-Ins

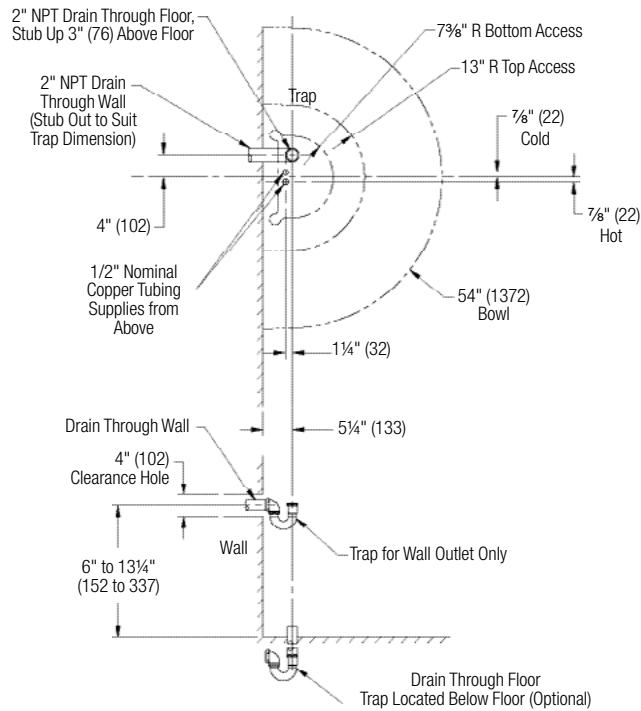
Type H Drain

- Supplies from below or through wall
- Vented through ceiling off trap inside pedestal



Type O Drain

- Supplies from above
- Vented from below or through wall off-drain



Rough-In Notes

1. All pipes and fittings not furnished by Bradley are shown in broken lines.