



A WATTS Brand

WB2-WB-TR1

WashBar® WB2 with Terreon® Undermount

Key Features

- All-in-One chrome-plated cast alloy WashBar® includes touch-free soap, water, and hand dryer
- Pair WashBar with Terreon® undermount basin with any countertop material
- WashBar technology intuitively guides user and eliminates simultaneous activations
- Non-porous single piece cast-formed Terreon basin
- Undermount basin and drain engineered to evacuate water and dissipate air flow
- WashBar and basin system comes with drain assembly, plumbing connections, and optional access panel

Specifications

The WashBar with undermount basin is designed to accommodate one user at a time. The single piece All-in-One WashBar allows users to access soap, water, and a hand dryer without leaving the hand washing station. The unit handles washroom traffic quickly and economically, while providing each user with personal space. Pair the WashBar with undermount with any countertop material, provided by others, to achieve a customized all-in-one solution. WB2-WB-TR1 is available in Terreon basin material.

Product Compliance

Listed by IAPMO R&T to

- Uniform Plumbing Code (UPC)
- National Plumbing Code of Canada
- International Plumbing Code (IPC)
- IGC 127 (WashBar)



Listed by UL to

- UL499, CAN/CSA C22.2 No 36-08 (Hand Dryer)



Listed by UL Environment to

- GreenGuard Gold



Complies with

- ADA
- ICC/ANSI 117.1
- TAS
- NSF/ANSI 372
- CSA B45.5/IAPMO Z124



Sustainability

- Terreon participates in the mindful MATERIALS library



Top Fill Multi-Feed 1.3 gallon tank shown for clarity

Finishes

☒ Click on any color swatch to view as a larger image.

- Polished Chrome
- Brushed Black Stainless*
- Brushed Stainless*
- Brushed Bronze*
- Brushed Brass*
- Brushed Nickel*

*PVD Finishes, see PVD Finishes section.

* PVD Finishes

Physical Vapor Deposition is an intricate, environmentally friendly finishing process that molecularly bonds the finish to the faucet, creating a very hard, durable surface that will not corrode, discolor, or tarnish.

Compatible Bradley Products

- [Verge Multi-Feed Soap System](#)

☒ 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.

☒ This plumbing fixture is designed for hand washing only. It is not intended to dispense water for human consumption through drinking or for preparation of food or beverages.

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Construction

Undermount Basin

The basin has been designed to direct water to a trench drain and features a 300 series stainless steel drain cap. The basin and drain cap work together to evacuate water and dissipate airflow to prevent splashing on the user or floor. The basin is 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 cleaners or fine grit abrasives. Terreon is GREENGUARD® certified as low-emitting materials. Undermount basin is secured to countertop via mounting clips (included as standard) and silicone sealant (provided by others). Clip locations are identified in installation instructions.

WashBar®

All-in-One chrome-plated cast alloy WashBar includes touch-free soap, water, and hand dryer. Available in optional in-stock PVD finishes. The WashBar is secured to the basin with two anti-rotational shanks. Blue LED lights help guide the user to the WashBar, indicating the three functions. The LED light will change from blue to green to signify that the function is in use. Each function is easily identified by the corresponding icon on the WashBar's top surface.

Sensors are programmed to eliminate simultaneous activations of nearby functions. Each sensor includes a turn-off delay of 1-2 seconds to aid in a smooth, controlled handwashing and drying operation. WashBar sensors are not affected by varying skin tones or darkness. Smart technology allows the facilities manager or maintenance staff to clean and configure with ease.

Cleaning Mode

WashBar has an activation feature to put the unit into Cleaning Mode to allow for easy cleaning of the WashBar and basin without activating the functions.

Configuration Mode

The WashBar also has a Configuration Mode to identify how many cycles are on the soap, faucet, and dryer. Mode also allows for dryer speed adjustment at medium and high levels.

Soap Dispenser

The soap dispenser is located on the left side of the WashBar. This eliminates any soap from dripping on counters or onto the floor, minimizing slip hazards and allows for easy cleaning. Choose between a foam or liquid soap dispenser and either Top Fill Multi-Feed system or bottom fill system.

Top Fill Multi-Feed System

Top Fill Multi-Feed soap system includes a 1.3 gallon (166.5 oz) tank and top fill port located on the top surface of the wash basin. Elegant translucent ring integrated on the fill port gives a glowing indication of low soap and overflow conditions. When the ring on the fill port flashes red, simply remove the fill port cap and replenish the soap via the fill port.

Below Fill System

Soap system accommodates up to a 1 gallon (3.78 L) container (included) to reduce the number of soap replacements. When the LED light above the soap function turns to solid red, check the soap level and replace the soap container with a full container if necessary. The soap system includes an adapter to fit many 1 gallon (3.78 L) soap containers that are available on the market.

Please visit <https://www.bradleycorp.com/maintenance/soap-dispensers> for soap recommendations.

Faucet

Faucet is located in the center of the WashBar and has a spray angle of approximately 17° off the vertical. Choose either a 0.5 gpm (1.90 Lpm) or 0.35 gpm (1.30 Lpm) PCA silicone tip, non-aerated spray pattern. Maximum run time is 11 seconds. The 0.5 gpm (1.90 Lpm) flow control option is the equivalent to 0.09 gpc (0.35 Lpc) and the 0.35 gpm (1.30 Lpm) flow control option is the equivalent to 0.06 gpc (0.24 Lpc). Automatic 5 second purge within 24 hours of the last use. Recommended operating range is 20-80 psi.

Dryer

The hand dryer is located on the right side of the WashBar, allowing users to dry hands immediately after washing. This virtually eliminates excess water on the floor. The brushless dryer motor provides heated air at two speeds, medium and high, which can be field adjusted by placing the WashBar in Configuration Mode. With the dryer configuration set to high speed, hands can dry in approximately 15 seconds depending on user preference. There is 76 dB (high speed) with hands in air stream.

Electrical

Total rated power is 1200W. Each WashBar station requires a dedicated NEMA 5-15R Receptacle, 125V GFCI which is properly grounded and no more than 4 ft from the installation of the dryer assembly. Each 12V DC dryer cable powers the WashBar faucet, soap, and Multi-Feed system via the dedicated outlet.

Access Panel

Optional access panel is composed of decorative 300 series stainless steel. Plumbing components, dryer motor, and soap tank are concealed within the panel. The swing down access panel includes thumb screw fasteners to ease the maintenance process by eliminating tools and only requires one person for installation. Vandal-resistant screws are also included for vandal-prone applications. Top edge of the access panel has been hemmed to reduce sharpness.

Drain Cap

Terreon undermount comes complete with 300 series stainless steel trench drain cap and drain tailpiece. Select the slotted drain cap with vandal-resistant screws for vandal-prone applications.

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Accessibility

ACCESSIBILITY CODE	RIM HEIGHT (max.)	DECK DEPTH* (min.)	DECK DEPTH* (max.)	NOTES
ADA	34" (864)	20½" (521)	24" (610)	At least one basin must meet dimensional requirements and have proper reach, knee, and toe clearance.
ADA/JUV Juvenile ADA	31" (787)	20½" (521)	24" (610)	At least one basin must meet dimensional requirements and have proper reach, knee, and toe clearance.
Enhanced Reach ICC A117.1 606.5	34" (864)	N/A	20½" (521)	Per 2009 IBC under 1109.2.3, if there are 6 or more lavatories, at least 1 lavatory must be 11" (279 mm) maximum reach depth.
OBC Ontario Building Code	33⅞" (840)	20¾" (527)	24" (610)	
CSA Canadian Standards Association	33⅞" (860)	21" (533)	24" (610)	
BCBC British Columbia Building Code	34⅞" (865)	22½" (572)	24" (610)	
QBC Quebec Building Code	34⅞" (865)	23½" (597)	24" (610)	

* Deck provided by others



Always review local codes for compliance.



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Models (Must select one)	
Model	Description
☐ WB2-WB-TR1	WashBar WB2 w/Touch-Free Time of Flight Sensor Activation & Terreon Undermount
Standard Selections (Must select one from each category)	
Country of Installation	
☐ C1	United States or Canada
Color of Terreon Basin (select one)	
NOTE: Click on any swatch to view as a larger image.	
☐ ALP-WHITE	☐ Alpine White
☐ DS-WHITE	☐ Designer White
Trench Drain Cap Type (select one)	
☐ DR1	Stainless Steel Trench Drain Cap*
☐ DR2	Slotted Stainless Steel Trench Drain Cap w/Vandal Screws*
* Available in stainless steel finish only.	
Soap Type (select one)	
☐ F	Foam Soap Dispenser
☐ L	Liquid Soap Dispenser
Soap Fill System (select one)	
☐ M	Top Fill Multi-Feed (Includes 6-SOAP-MFT Multi-Feed Soap Tank Assembly with 1.3 gal (166.5 oz) container)
☐ BI	Below Fill (Individual, includes 1 gallon (3.72 L) container)
Water Supply Type (select one)	
☐ T	Navigator® Thermostatic Mixing Assembly (supply hoses and shut-offs included)
☐ L	Single Tempered Line Assembly (supply hoses and shut-offs included)
Flow Control Type (select one)	
☐ 3	0.35 gpm (1.30 Lpm) PCA Silicone Tip, Multiple Individual Laminar Flow Streams
☐ 5	0.50 gpm (1.90 Lpm) PCA Silicone Tip, Multiple Individual Laminar Flow Streams
Hand Dryer Type (select one)	
☐ HD2	Brushless Motor 120V, 50/60Hz, 8.6A
Power Supply (select one)	
☐ AC	AC Power
NOTE: The Top Fill Multi-Feed power harness is included when Soap Fill System type M is selected.	

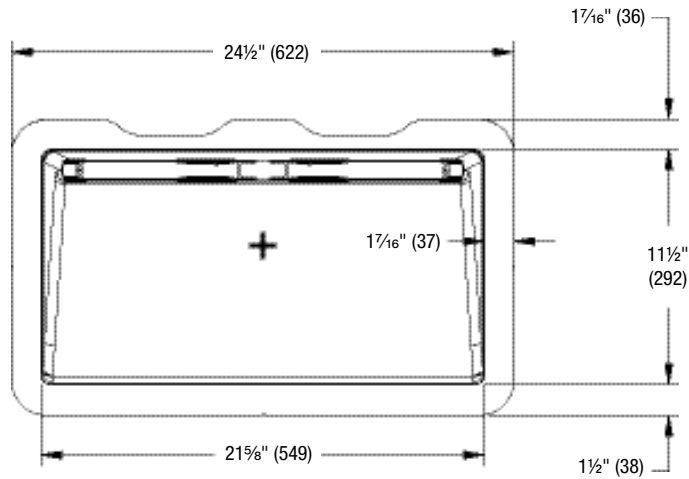
Access Panel Type (select one)	
☐ STAIN	Swing Down Stainless Steel
☐ STAIN-E	Swing Down Stainless Steel w/Enclosed Bottom
☐ PWB	Swing Down Matte Black Powder-Coated Stainless Steel
☐ PWB-E	Swing Down Matte Black Powder-Coated Stainless Steel w/Enclosed Bottom
☐ NONE	No Access Panel
WashBar Finish Type ¹ (select one)	
☐ PC	Polished Chrome
☐ BB	Brushed Black Stainless
☐ BS	Brushed Stainless
☐ BZ	Brushed Bronze
☐ BR	Brushed Brass
☐ BN	Brushed Nickel

¹ WashBar finish will match Top Fill (M) port finish.

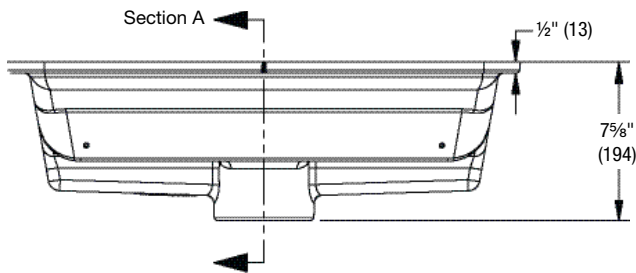
Dimensions for WB-TR1 Terreon Undermount

(mm)

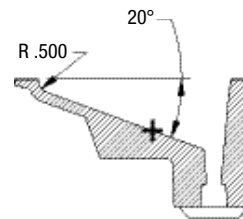
Top View



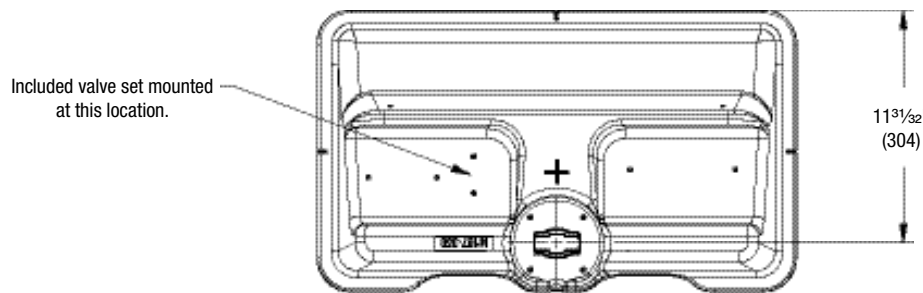
Front View



Section A View



Bottom View





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WB2-WB-TR1

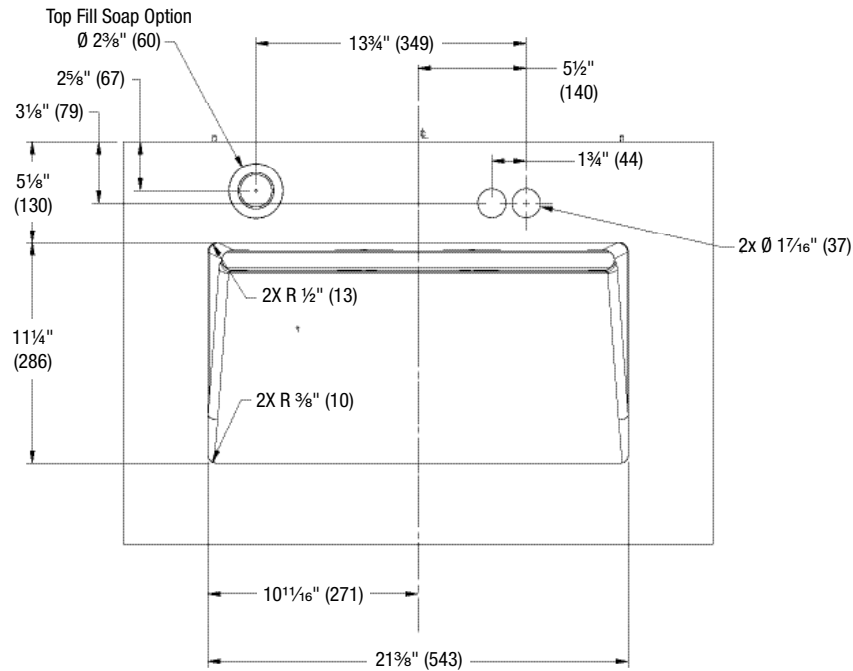
WashBar® WB2 with Terreon® Undermount

WB-TR1 and WB-ER1 Cutout Template Guide – Top Fill Soap

(mm)



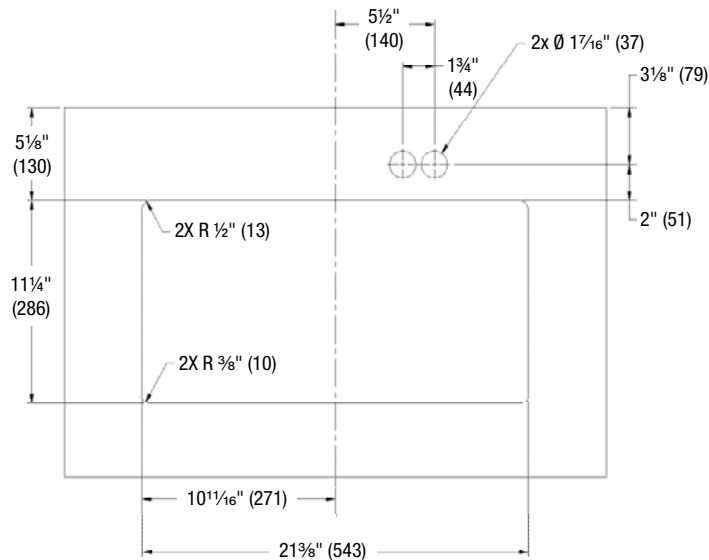
Hole drilling location for WashBar must be 2.0" from basin cutout as shown.



WB-TR1 and WB-ER1 Cutout Template Guide – Bottom Fill Soap



Hole drilling location for WashBar must be 2.0" from basin cutout as shown.



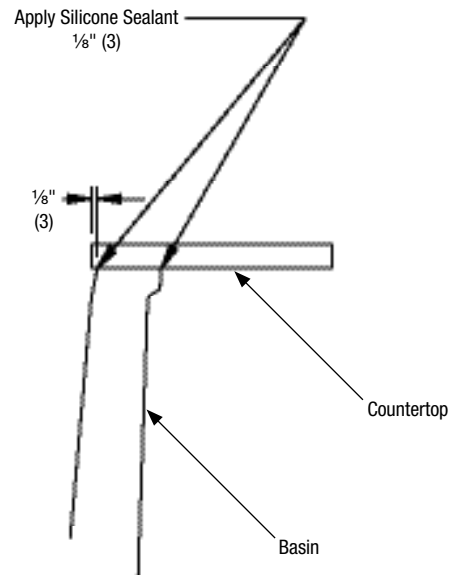


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Bowl/Counter Attachment



Color Matching and Installation Considerations

- Basins are to be installed by a licensed fabricator
- Mounting clips are included
- Bowl location is the responsibility of the fabricator. See WB1-WB-ER1 installation instructions for mounting clip locations
- Bradley basin colors are unique to Bradley



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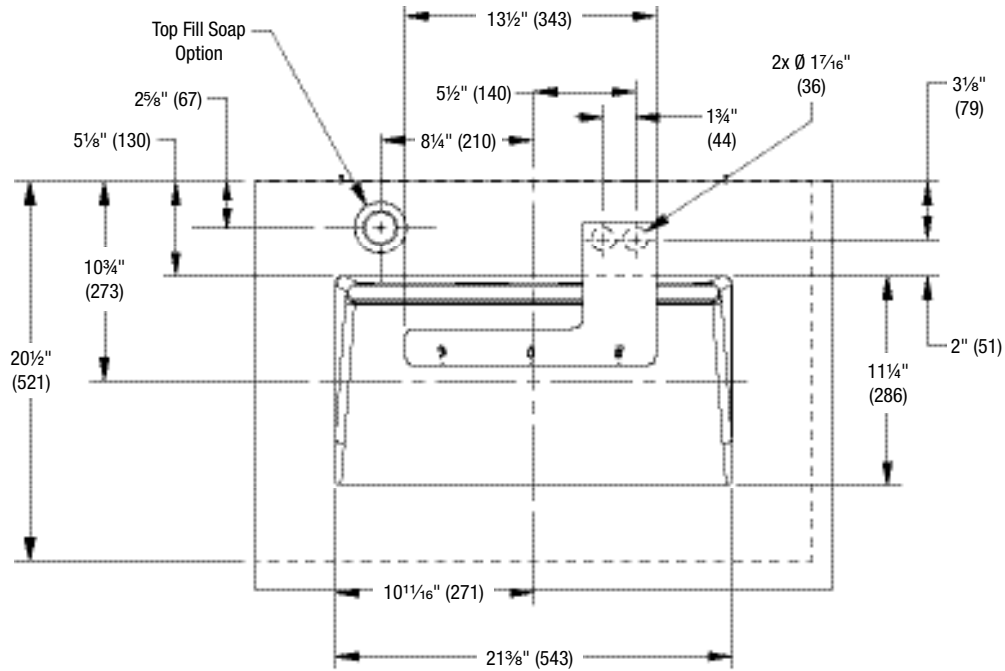
WB2-WB-TR1

WashBar® WB2 with Terreon® Undermount

Dimensions for Terreon Undermount with Countertop by Others

(mm)

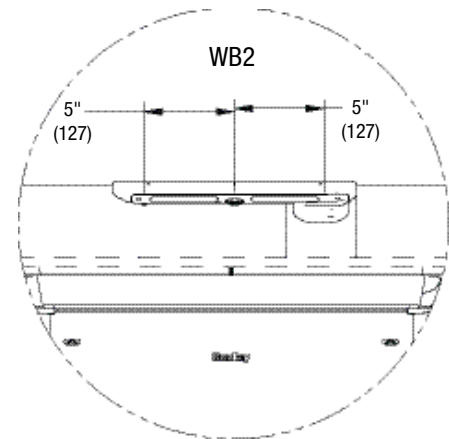
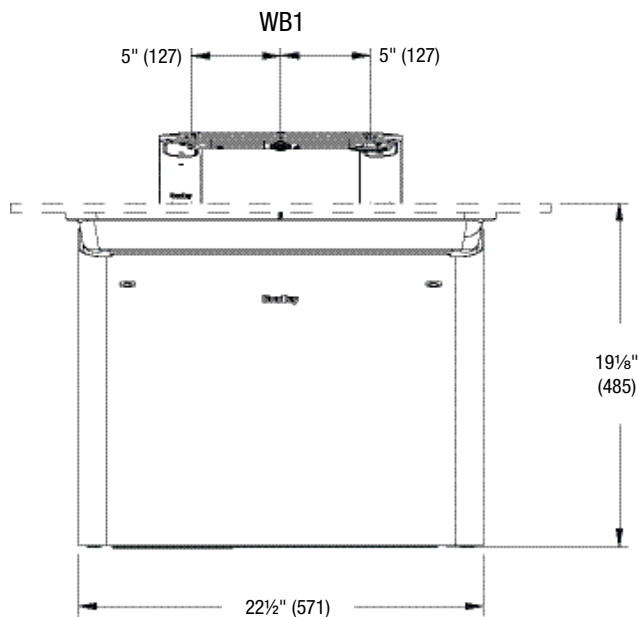
Top View



Front View



Minimum deck thickness 0.5"
Maximum deck thickness 1.4"





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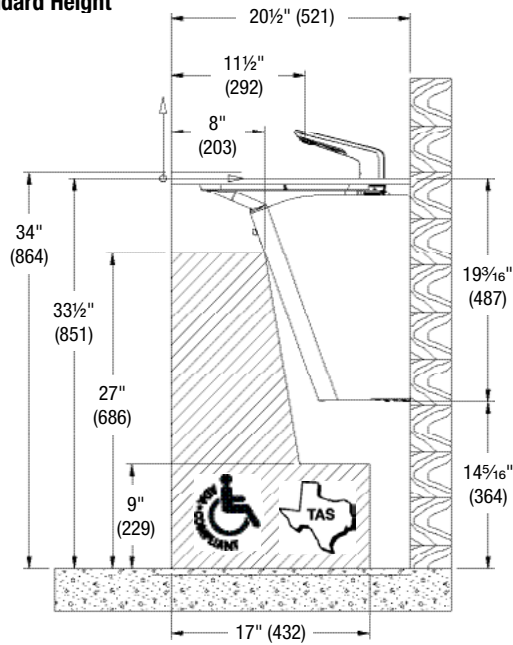
WB2-WB-TR1

WashBar® WB2 with Terreon® Undermount

Dimensions for Terreon Undermount with Countertop by Others

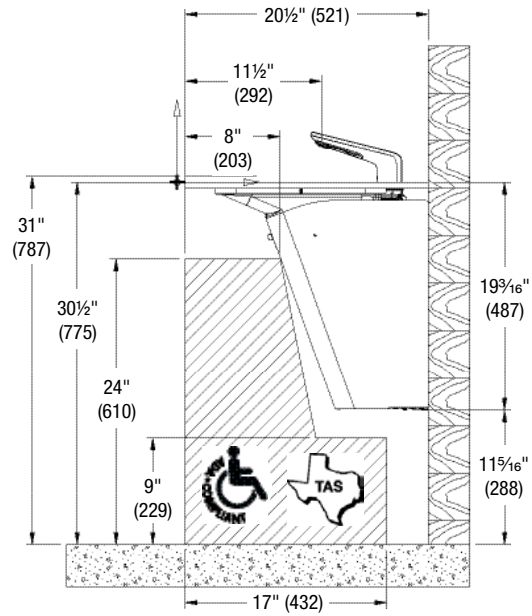
(mm)

Standard Height



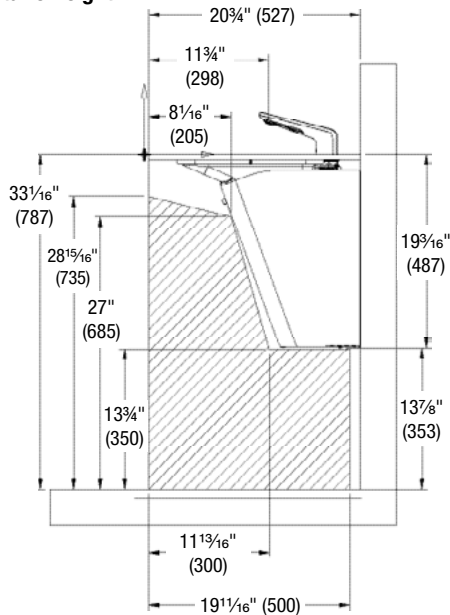
Deck depth must be 20½" minimum for ADA,
No enhanced reach at minimum depth of 20½"

Juvenile Height



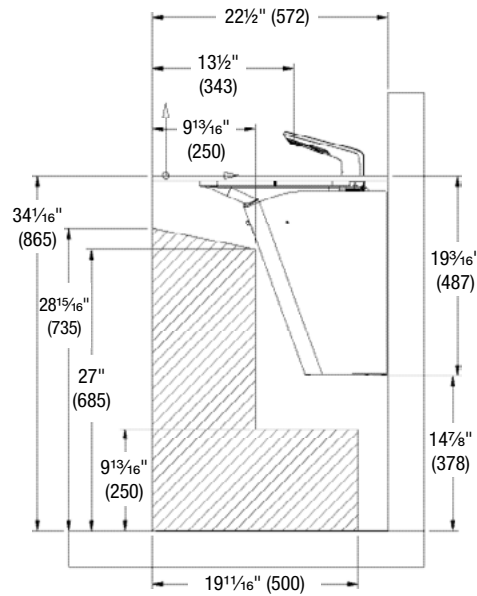
Deck depth must be 20½" minimum for ADA,
No enhanced reach at minimum depth of 20½"

Ontario Height



Deck depth must be 20¾" (527) minimum for OBC

British Columbia Height



Deck depth must be 22½" (572) minimum for BCBC



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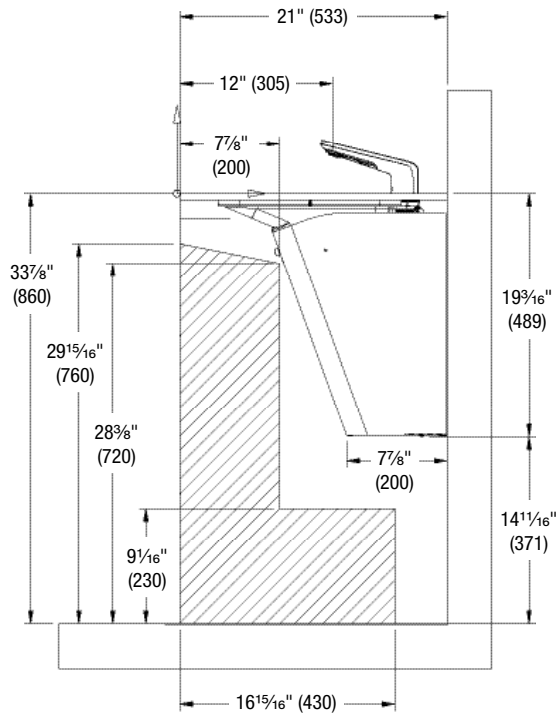
WB2-WB-TR1

WashBar® WB2 with Terreon® Undermount

Dimensions for Terreon Undermount with Countertop by Others

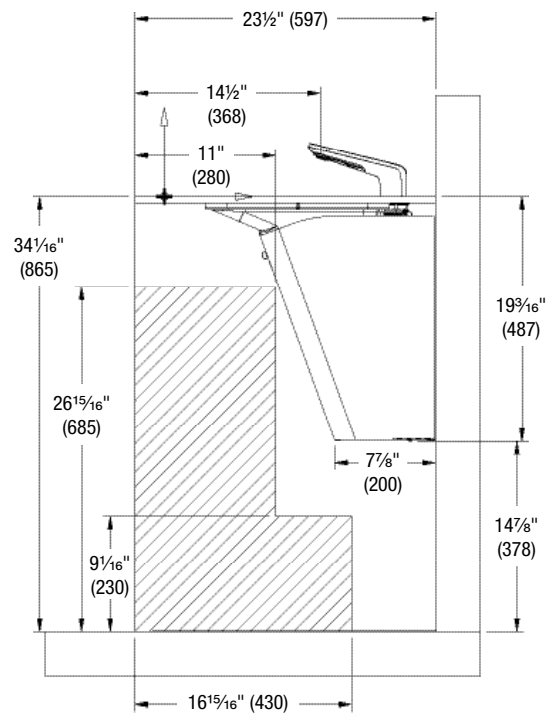
(mm)

CSA Height



Deck depth must be 21" minimum for CSA

Quebec Height



Deck depth must be 23 1/2" (597) minimum for QBC



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WashBar® WB2 with Terreon® Undermount

WashBar Component Footprint – Bottom Fill Soap

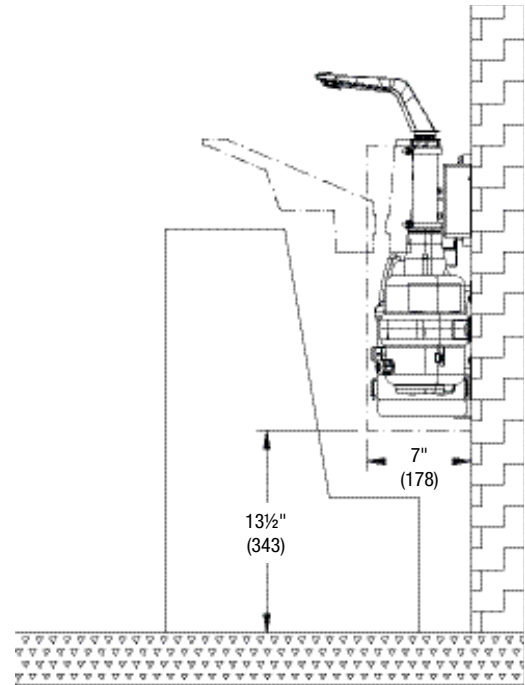
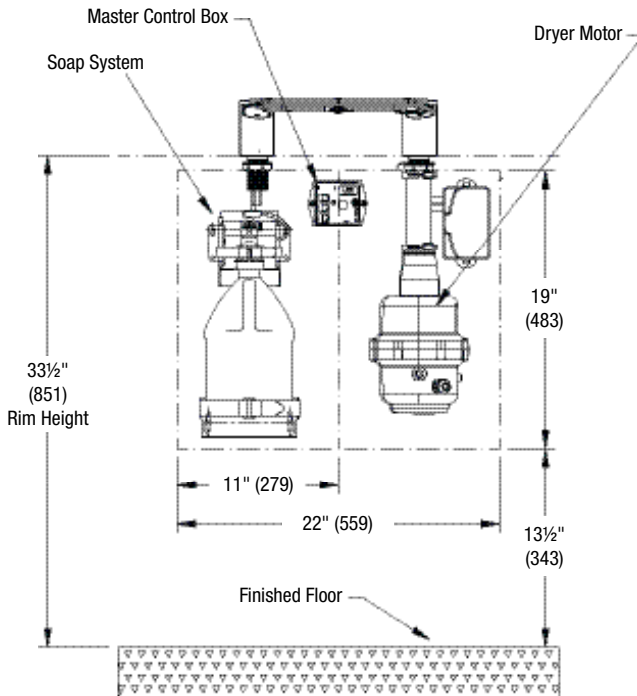
(mm)



WB1 is shown, WB2 similar



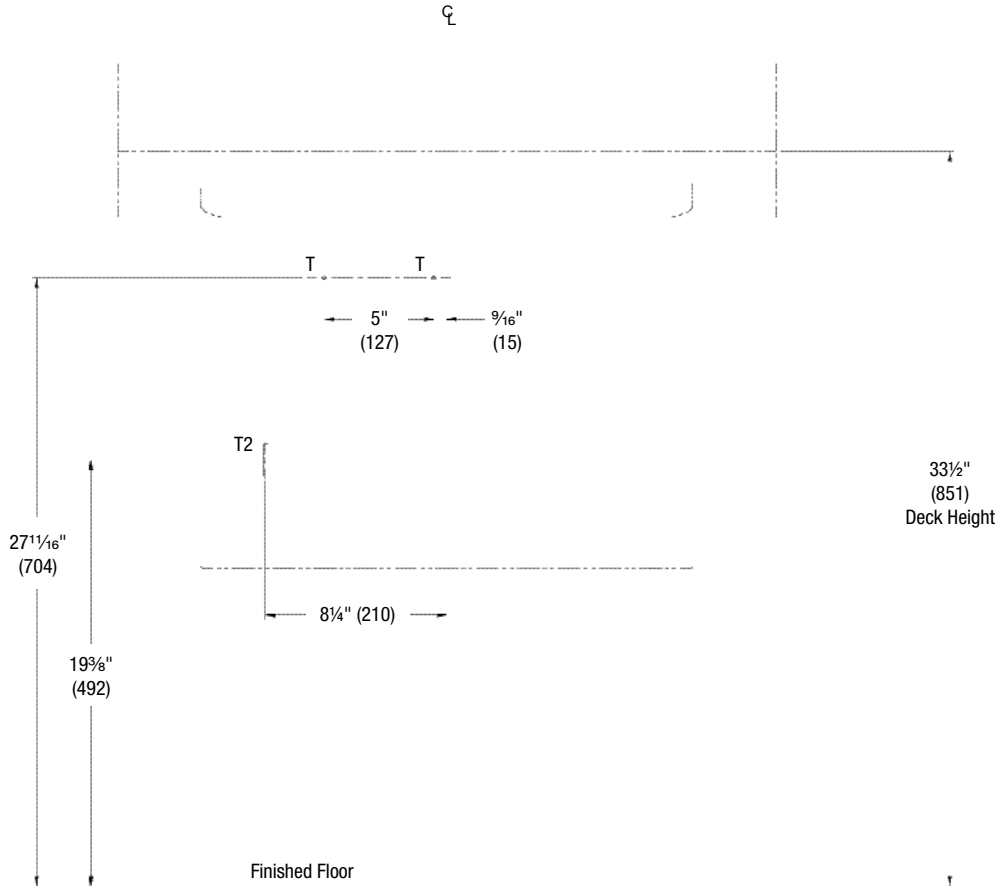
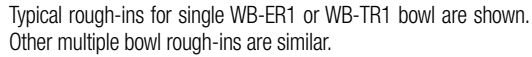
WB1-WB-ER1 is shown, WB1-WB-TR1 similar





WashBar® WB2 with Terreon® Undermount

(mm)



CODE	DESCRIPTION	QTY.
T	#10 Wall Anchors for Top Fill Soap Tank Bracket (100 lb pull out force)	1
T2	#10 Wall Anchors for Top Fill Soap Control Box Bracket	2

RIM HEIGHT	VERTICAL HEIGHT ADJUSTMENTS	FIXTURE STYLE
34"	No Adjustment	Standard Height ADA and TAS
31	Subtract 3"	Juvenile ADA and TAS
33 $\frac{1}{16}$ "	Subtract $\frac{15}{16}$ "	OBC
34 $\frac{1}{16}$ "	Add $\frac{1}{16}$ "	BCBC and QBC
33 $\frac{7}{8}$ "	Subtract $\frac{1}{8}$ "	CSA



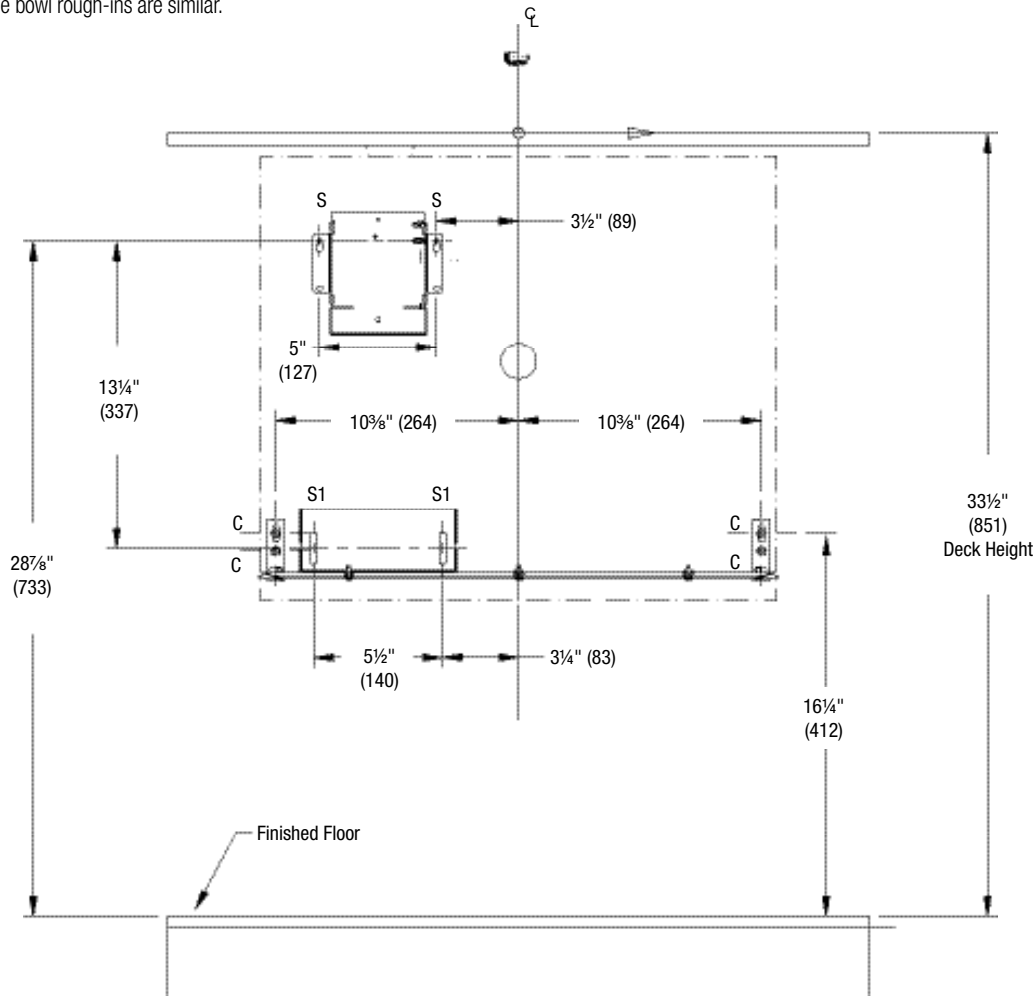
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WashBar® WB2 with Terreon® Undermount

Structural Rough-In for Terreon Undermount with Countertop by Others – Bottom Fill Soap (mm)

- ☒ Typical rough-ins for single WB-TR1 undermount basin are shown.
Other multiple bowl rough-ins are similar.



CODE	DESCRIPTION	QTY.
C	Install wall anchor with a minimum pull-out force of 100 lb per local codes at locations shown.	4
S	#10 Wall Anchors for Bottom Fill Soap Control Box Bracket	2
S1	#10 Wall Anchors for Bottom Fill Soap Tank Bracket (100 lb pull out force)	2

RIM HEIGHT	VERTICAL HEIGHT ADJUSTMENTS	FIXTURE STYLE
34"	No Adjustment	Standard Height ADA and TAS
31	Subtract 3"	Juvenile ADA and TAS
33 1/16"	Subtract 15/16"	OBC
34 1/16"	Add 1/16"	BCBC and QBC
33 7/8"	Subtract 1/8"	CSA



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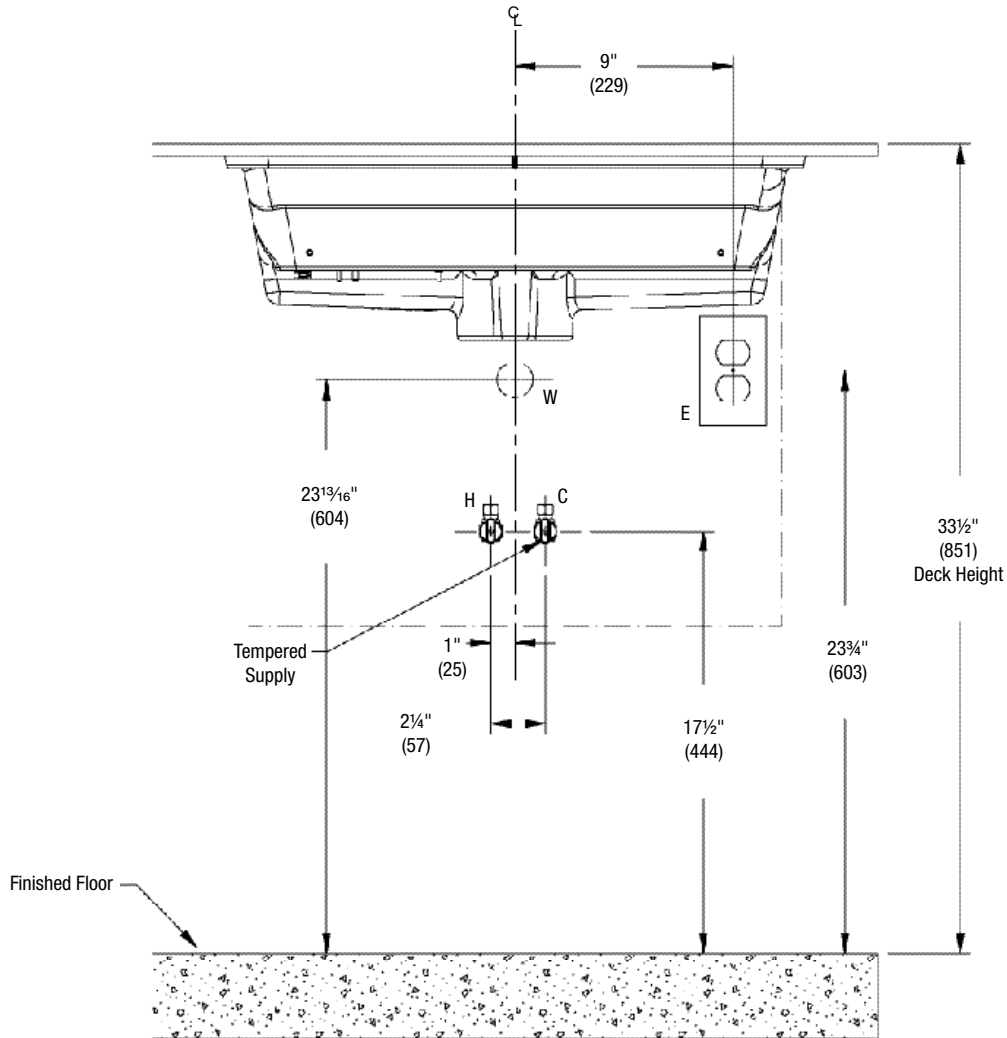
WB2-WB-TR1

WashBar® WB2 with Terreon® Undermount

Plumbing and Electrical Rough-Ins for Terreon Undermount with Countertop by Others

(mm)

- ✓ Mounting for Standard ADA and TAS height shown.
- ✓ Typical rough-ins for single WB-TR1 undermount basin are shown. Other multiple basin rough-ins are similar.



CODE	DESCRIPTION	QTY.
W	1-1/2" NPT Drain, Stub-out 2" from wall	1
H, C	1/2" Nominal (5/8" O.D. Comp.) Hot/Cold supplies, Stub-out 2" from wall	1
E	A dedicated NEMA 5-15R Receptacle, 125V GFCI must be provided, which is properly grounded and no more than 4 ft from the installation of the dryer assembly.*	1

* If no GFCI outlet is provided, contact a licensed electrician to ensure proper electrical connection in accordance with local building codes. Troubleshooting and internal maintenance must be performed by qualified service personnel.