



A WATTS Brand

CRS-2, CRS-3 Express® Crescent® Lavatory System – CRS-Series

- ADA and TAS Compliant (optional access panel required)
- Serves two or three users at a time with same 48" wide bowl
- Sleek, low-profile design, only 38" high
- Constructed of vandal-resistant Terreon® solid surface material
- Available in a variety of colors
- Battery or AC-powered infrared control

Specifications

Size and Capacity

Accommodates up to two or three users at a time, using less water, energy and space than lavs equipped with conventional faucets. Operating range is 20-80 psi.

Construction

Integrated Bowl and Sprayhead

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.

Access Panel

Optional coal colored access panel is made from vacuum formed 0.187 gauge high impact polymer. Resistant to stains, burns and impact; and will not chip, peel, or flake.

Vandal Resistance

Top cover, streamformers and infrared sensors are secured from inside the fixture. All valves, water supplies and waste connections can be concealed inside the optional access panel.

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



Verify all rough-in dimensions prior to installation. Consult local and national codes. Conformity and compliance to local and national codes is the responsibility of the installer.

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Bradley_Sink_Express_CRS-2_3

Listed by NSF International to

- NSF/ANSI 372



Complies with

- ADA
- ICC/ANSI 117.1
- TAS



ADA & TAS Compliant

The Crescent is designed to comply with all ADA and TAS guidelines on reaches, clearances, and operation when mounted at recommended height dimensions. (To be fully ADA-compliant, exposed piping must be covered. Optional Bradley access panel or pipe covering recommended.) The low profile design of the Crescent allows up to 2" for the frame of an ADA-compliant mirror to be mounted above the fixture. Always check your local and state codes.

Standard Equipment

In addition to the Terreon® bowl and top access cover, the following valves and fittings are standard: stop valve; flexible stainless supply hose, drain spud, and lock nut. Stops are ½" compression female.

Activation Types

Battery Infrared Sensor and Valve

Each battery-powered sensor uses a zone-focused infrared transmitting beam, creating a large detection area not exceeding the bowl perimeter. The sensor is not affected by varying skin tones or darkness. Tempered water flows at a rate of 0.50 gpm (1.9 Lpm). When hands enter the detection area, the sensor starts water flow by opening the valve electronically. When hands leave the detection area, the sensor stops the flow of water by closing the electronically activated solenoid valve. The 6VDC, electronically activated solenoid valve has few moving parts, providing reliable operation that is unaffected by most chemicals and minerals often present in municipal water supplies. Each station is powered by a single lithium battery. Battery type is Duracell® DL 223A 6V lithium or equivalent (batteries included) with a life expectancy of 4-5 years or approximately 200,000 cycles.

Infrared

A 120VAC/12VDC plug-in adapter powers each sensor, which uses a conical shape transmitting beam having a detection area adapted to, but not exceeding, the bowl perimeter. The infrared sensor is not affected by varying color tones or darkness. The adaptive infrared sensor automatically adapts to the bowl within minutes after power is turned on.

Each of the streamformers is controlled by a separate slow-closing solenoid valve. Hands placed within the bowl are detected by an infrared sensor, which activates a flow of tempered water from one stream former at a rate of 0.50 gpm (1.9 Lpm). Shutoff is automatic after hands are removed from the detection area.

The 12V solenoid valve has few moving parts and is resistant to most chemicals, minerals and impurities in municipal water. The system is powered by a 120VAC/12VDC plug-in adapter. Location is per local electrical code.



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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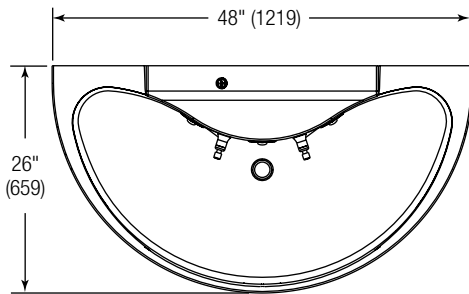
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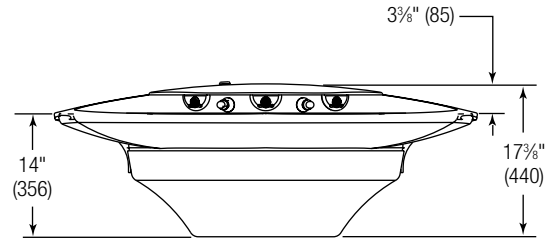
Dimensions

(mm)

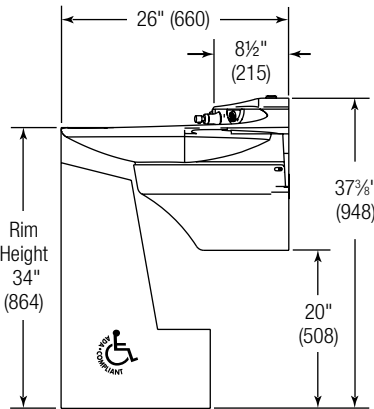
Top View



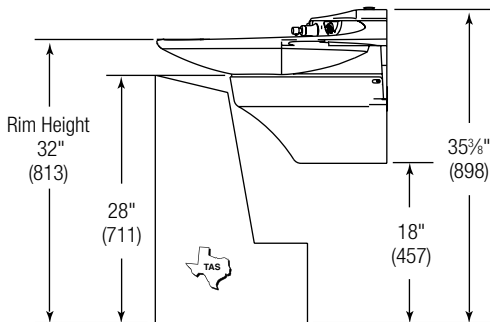
Front View



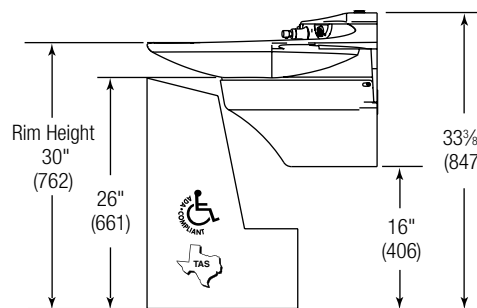
Side Views



Adult Height – (ADA and TAS Compliant)



TAS Age 11 through 14 or 15, Grade 6 through 8 or 9



TAS Age 4 through 10 or 11, Grade K through 5 or 6 & Proposed ADA Juvenile Height

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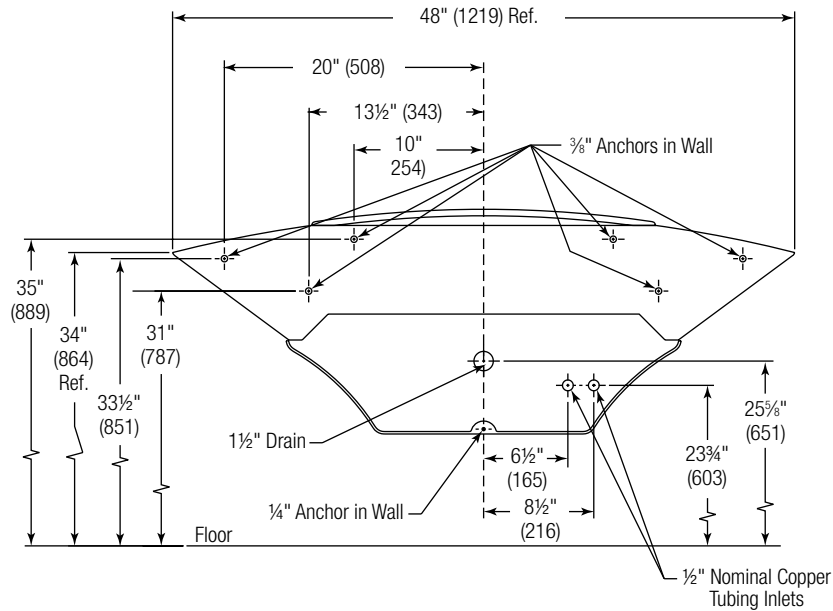


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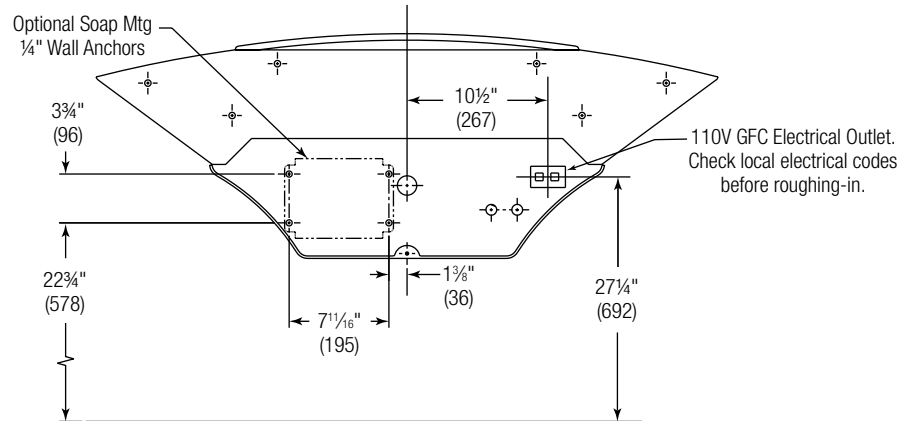
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Rough-In View

(mm)



Rough-In View
Optional Equipment



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"
*24"	Preschool (required by some local codes)	*Subtract 10"

* Adjustments to vertical dimensions for various rim heights.

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Models (Must select one) <table border="1"><thead><tr><th>Model</th><th>Size</th><th>Description</th></tr></thead><tbody><tr><td>☐ CRS-2</td><td>48"</td><td>Express Crescent Lavatory System Two-Station</td></tr><tr><td>☐ CRS-3</td><td>48"</td><td>Express Crescent Lavatory System Three-Station</td></tr></tbody></table>		Model	Size	Description	☐ CRS-2	48"	Express Crescent Lavatory System Two-Station	☐ CRS-3	48"	Express Crescent Lavatory System Three-Station	Optional Selections Access Panel Type: <table border="1"><tbody><tr><td>☐ COAL</td><td>Coal</td></tr><tr><td>☐ NONE</td><td>No Panel</td></tr></tbody></table>	☐ COAL	Coal	☐ NONE	No Panel																												
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Standard Selections (Must select one from each category) Activation Type (select one) <table border="1"><tbody><tr><td>☐ BIR3</td><td>Battery Infrared</td></tr><tr><td>☐ IRP</td><td>Infrared</td></tr></tbody></table> Soap Dispenser Type (select one) <table border="1"><tbody><tr><td>☐ LSD-2</td><td>One Integral Liquid Soap Dispenser (CRS-2)</td></tr><tr><td>☐ LSD-3</td><td>Two Integral Liquid Soap Dispensers (CRS-3)</td></tr><tr><td>☐ NSD</td><td>No Soap Dispenser</td></tr></tbody></table> Water Supply Type (select one) <table border="1"><tbody><tr><td>☐ TL</td><td>Single Tempered Line</td></tr><tr><td>☐ TMA</td><td>Navigator® Thermostatic Mixing Assembly (Hot and Cold Supplies)</td></tr></tbody></table> Color of Terreon® Bowl (select one) NOTE: Click on any swatch to view as a larger image. Standard Colors <table border="1"><tbody><tr><td>☐ CHAR</td><td> Charcoal Gray</td><td>☐ PEBBLE</td><td> Pebble Beach</td></tr><tr><td>☐ DRIFT</td><td> Driftwood †</td><td>☐ PEP-WHT</td><td> Peppered White</td></tr><tr><td>☐ E-GRAY</td><td> Empire Gray</td><td>☐ RIVER</td><td> River</td></tr><tr><td>☐ GRAPH</td><td> Graphite</td><td>☐ SAND</td><td> Sandtrap</td></tr><tr><td>☐ LANNON</td><td> Lannonstone</td><td>☐ S-CREEK</td><td> Stone Creek</td></tr><tr><td>☐ MOONSTONE</td><td> Moonstone †</td><td>☐ S-MIST</td><td> Silver Mist</td></tr><tr><td></td><td></td><td>☐ WHT-SAND</td><td> White Sand</td></tr></tbody></table>		☐ BIR3	Battery Infrared	☐ IRP	Infrared	☐ LSD-2	One Integral Liquid Soap Dispenser (CRS-2)	☐ LSD-3	Two Integral Liquid Soap Dispensers (CRS-3)	☐ NSD	No Soap Dispenser	☐ TL	Single Tempered Line	☐ TMA	Navigator® Thermostatic Mixing Assembly (Hot and Cold Supplies)	☐ CHAR	Charcoal Gray	☐ PEBBLE	Pebble Beach	☐ DRIFT	Driftwood †	☐ PEP-WHT	Peppered White	☐ E-GRAY	Empire Gray	☐ RIVER	River	☐ GRAPH	Graphite	☐ SAND	Sandtrap	☐ LANNON	Lannonstone	☐ S-CREEK	Stone Creek	☐ MOONSTONE	Moonstone †	☐ S-MIST	Silver Mist			☐ WHT-SAND	White Sand
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† This color contains large, randomly distributed chips.

Protected by U.S. patent: D433109

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