• cUPC Certified
• Serves One to Three Users at a Time
• Unique, Repairable, Solid Surface Material
• Highly Vandal Resistant
• Saves Water, Energy and Space
• ADA/TAS Compliant
• Available with Air, Infrared, TouchTime® or Battery Infrared Activation

Specifications

Size and Capacity
Accommodates 1-3 users at a time, using less water, energy and space than three lavs equipped with conventional faucets. The pre-assembled sprayhead module is equipped with three independent streamformers, each controlled by a separate push button or infrared sensor.

Flow Control/Rate
Operating water pressure range is 20–80 psi. Flow regulators keep flow rate constant at all pressures. A flow restrictor keeps the flow rate at constant .5 GPM under any pressure.

Construction

Bowl and Pedestal
Constructed of Terreon®, a densified solid surface material composed of bio-based resin, or TerreonRE, a densified solid surface material composed of a bio-based resin and pre-consumer 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 Home Innovation Lab certified to meet CSA B45.5/IAPMO Z124. Terreon and TerreonRE are GREENGUARD® certified as low-emitting materials. Front access panel constructed of heavy gauge type 304 stainless steel.

Vandal Resistance
The molded sprayhead is an integral element of the bowl module. All streamformers, escutcheons and push buttons/ infrared sensors are secured to the unit from inside the sprayhead module. All valves, water supplies and waste connections are concealed inside the pedestal. The front access panel is removable only with a hex key. To provide maximum vandal resistance, the wall must be structurally reinforced to adequately support the fixture. 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: Navigator® thermostatic mixing valve, stop valves, drain spud, flexible stainless steel supply hoses and locknut. Stop valves mount onto 1/2” nominal copper tubing.

Activation Types

Air
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 one valve, which in turn, activates one station. Push button requires less than five pounds of pressure.

Infrared
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 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 skin tones or darkness. When hands enter the detection area, the sensor starts water flow by opening the solenoid valve electronically. When hands leave the detection area, the sensor stops the flow of water by closing the valve. 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 push button activates one valve which, in turn, activates one station. TouchTime controls water flow at each station through the use of solid state, digital circuitry. Timing is factory set at a 15 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. Push button requires less than five pounds of pressure.

Battery Infrared
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. When hands enter the detection area, the sensor stops the flow of water by closing the valve. The 6-volt DC 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 or equivalent (included). Battery type is Duracell® DL 223A 6 volt lithium or equivalent with a life expectancy of 4-5 years or approximately 200,000 cycles.

TouchTime
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 push button activates one valve which, in turn, activates one station. TouchTime controls water flow at each station through the use of solid state, digital circuitry. Timing is factory set at a 15 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. Push button requires less than five pounds of pressure.

Code Compliance and Certifications

ANSI Standards
Terreon and TerreonRE are certified by Home Innovation Lab to meet CSA B45.5/IAPMO Z124.

cUPC Approval

Barrier-Free
The Terreon and TerreonRE Wall-Hung Tri-Fount™ are designed to comply with the most current ADA and TAS guidelines on reaches, clearances and operation when mounted at recommended height dimensions by the installer.

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.
MF2939
Terreon® Wall-Hung Tri-Fount™ Washfountains

Standard Selections (Must select one from each category)
- Mounting Height Type (select one)
  - STD Standard Height
  - JUV Juvenile Height
  - OBC Ontario Building Code Height
- Activation Type (select one)
  - IRP Infrared
  - AST4 Air Pushbutton
  - BIR3 Battery Infrared
- Soap Dispenser Type (select one)
  - LSD Two Integral Liquid Soap Dispensers
  - NSD None
- Water Supply Type (select one)
  - TL Single tempered Line
  - TMA Navigator® Thermostatic Mixing Assembly (Hot & Cold Supplies)
- Color of Terreon Bowl (select one)
  - Standard Colors
    - ALP-WHT Alpine White
    - AVALANCE Avalanche
    - CHAR Charcoal Gray
    - COBBLE Cobblestone
    - DS-WHT Designer White
    - DRIFT Driftwood
    - DUNE Sand Dune
    - E-GAY Empire Gray
    - GLACIER Glacier
    - GRAPH Graphite
    - LANNON Lannestone
  - Designer Colors (available at an additional charge)
    - ARC-CHIP Arctic Chip
    - COFFEE Coffee Bean
  - TerreonRE Colors (available at an additional charge)
    - BIRCH-BARK Birch Bark
    - DUSK Dusk

Dimensions

Top View

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Side View

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Front View

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3/20/2019
This information is subject to change without notice.
Bradley_Washftn_Terreon_MF2939
Wall and Mounting Frame Opening

For Units with TouchTime or Infrared Activation, 110V GFI Electrical Outlet Recommended Location Refer to local codes before rough-in.

1/2" nominal copper tubing for Hot Supply (Stub Out 1" from Wall)

1/2" nominal copper tubing for Cold Supply (Stub Out Min. 1" from Wall)

1-1/2" NPT Waste Connection for Use with 1-1/2" Tubular P-Trap - Stub Out Min. 2"

Outline of Mounting Panel Opening

Outline of Mounting Panel

Contours for 1" wall

Contours for 2" wall

1-1/2" Tubular P-Trap - Stub Out Min. 2"

Finished Floor

Wall Anchor Locations

(6) Appropriate Anchors and 3/8" Bolts (Supplied by Installers) to Mount Bowl to Wall

Multi-Fount models available with various mounting heights. Before beginning rough-ins, verify if the unit is Standard, Juvenile or Ontario Building Code model and rough in accordingly.

Multi-Fount models available with various mounting heights. Before beginning rough-ins, verify if the unit is Standard, Juvenile or Ontario Building Code model and rough in accordingly.

* Subtract 1" from these dimensions for Ontario Building Code height or 4" for Juvenile Height Model.