Hill's Plumbing & Heating, Inc.

Lone Pine Plaza Suite 1
3801 Bemidji Avenue N.
Bemidji, MN 56601
Phone: 218-751-1286 Fax: 218-444-5288

PROPOSAL SUBMITTED TO	PHONE	DATE
Northome School	Steve Adelman / 521-0324	6/18/2021
STREET	**FAX**	**JOB PHONE**
11731 Hwy 1 East		218-895-5275
CITY, STATE, AND ZIP CODE	**JOB NAME**	
Northome, MN 56661	sadelman@northome.k12.mn.us	

We hereby submit specifications and estimates for:	AMOUNT
Option1: Material and labor to install 4 - acorn wash stations with foot control. Includes misc water and waste pipe components. Removal and disposal of old units.	35,399.00
Option 2: Material and labor to install 4 - acorn wash stations with auto sense faucet. Includes misc water and waste pipe components. Removal and disposal of old units.	40,525.00
** Prices are subject to change due to manufacturer price increases unless accepted today! Check your utility company for Rebates! No electrical We will gladly accept credit or debit cards, however, we do have to charge a 3% processing fee.	
We Propose hereby to furnish material and labor - complete in accordance with the above specifications, for the sum of:	

Payment to be made as follows:

$500 down- Balance due upon completion of work, or PO# provided. All contract/proposals are subject to a mechanics lien if not paid in full. MN statute 514.001.

All payment is guaranteed to be as specified. All work to be completed in a workman like manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents, or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workman's compensation Insurance.

Acceptance of proposal- the above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Hill's Plumbing & Heating, Inc. Authorized Signature

Note: This proposal may be withdrawn by us if not accepted within 10 days.

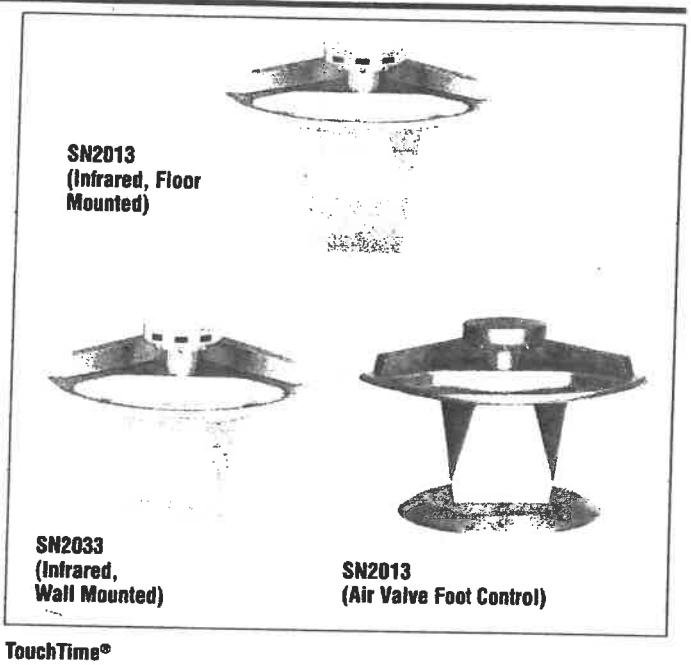
Customer Signature

Customer Signature

Olson Plumbing LLC

SN2013, SN2033
Sentry™ Corner Shallow Bowl Washfountains

- Available with air, infrared, or TouchTime®
- 54" bowl size – wall-mounted or floor-mounted
- Standard and juvenile height with air (hand), TouchTime pushbutton and piezo, and infrared are ADA/TAS compliant
- Factory tested and shipped pre-assembled
- Vandal resistant and easy to clean



Specifications

Size and Capacity
Accommodates three users at a time, using less water, energy and space than lavs equipped with conventional faucets. The sectional sprayhead module is controlled by a pushbutton, which actuates an air valve (hand or foot control models), or by an infrared sensor-actuated solenoid valve, or a solenoid valve (TouchTime models).

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 constant under any pressure.

Construction

Bowl and Pedestal
All exposed materials are type 304 stainless steel polished to a #4 finish. Bowl, pedestal, access panels, frame, foot control housing, support tube and sprayhead are heavy gauge stainless steel. Exposed fittings are chrome plated.

Vandal Resistance
Bowl and support tube are an integrally welded assembly, with the support tube welded to extruded flange from bowl. Sprayhead nozzles and pushbuttons/infrared sensors are secured to unit from inside the sprayhead module. Air valves/solenoid valves are safely concealed inside the washfountain. Access panels are removable only with a hex key. All supply and waste connections are concealed within the pedestal.

Mounting Heights
Sentry washfountains can be installed at standard or juvenile height. Floor-mounted models require mounting height selection. Wall-mounted units are simply installed at the desired height.

Activation Types

Air - Hand Activation
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 11 seconds. Each pushbutton activates one valve which, in turn, activates one station at a rate of 0.10 gpc (0.38 Lpc). Pushbutton requires less than five pounds of pressure.

Air - Hold-Open Foot Activation
Each pushbutton pneumatically actuates a hold-open air single temperature valve with slow closing upon release of foot pressure. Each pushbutton activates one valve, which in turn, activates one station at a rate of 0.5 gpm (1.9 Lpm). Pushbutton requires less than five pounds of pressure.

Infrared
Each of the stream formers is controlled by a separate slow-closing solenoid valve. Hands placed within the bowl are detected by an infrared sensor module, which activates a flow of tempered water from one spray nozzle at a rate of 0.50 gpm (1.9 Lpm). Shut-off is automatic after hands are removed from the detection area. The infrared sensor module uses two zone-focused infrared transmitting beams, having a detection area that does not exceed the bowl perimeter. The detection range projects 6–9 inches forward at a 30° angle to each side and reaches 15° below horizontal. 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 transform as standard equipment:

- Solenoid – 12VDC, 3/8" tube fitting. Few moving parts, and resistant to most chemicals, minerals, and impurities often present in municipal water supplies.
- Low-Voltage Plug-In Adapter – UL/CSA-listed 120VAC/12VDC plug-in adapter designed to plug into a standard GFCI protected electrical outlet. Location of plug-in adapter per local electrical code.

TouchTime®
Each low-voltage 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 one valve which, in turn, activates one station flowing tempered water at a rate of 0.10 gpc (0.38 Lpc). TouchTime controls water flow at each station through the use of solid state, digital circuitry. Timing is factory set at a 11 second run time, but is field adjustable to pre-set time out 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 requires less than five pounds of pressure.

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 ASME A112.19.3/CSA B45.4 and ASME A112.18.1/CSA B125.1

Complies with
- ADA
- TAS
- ICC/ANSI 117.1 (STD & JUV height w/air metering hand, infrared activation, or TouchTime)

Listed by NSF International to
- NSF/ANSI 372

Standard Equipment

Valves and Fittings
In addition to the bowl and pedestal, the following valves and fittings are standard: Navigator® thermostatic mixing valve, flexible stainless steel supply hoses and stops. Stop valves are 1/2" compression fitting female.

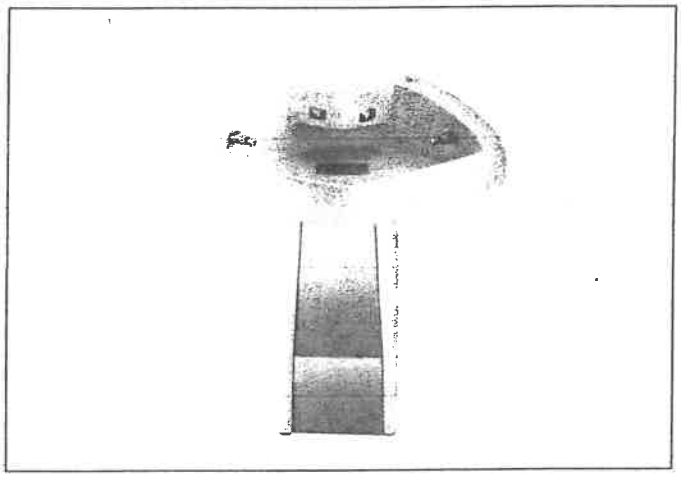
P.O. Box 309, Menomonee Falls, WI 53052-0309
800 BRADLEY (800 272 3539) +1 262 251 6000
bradleycorp.com

$37,680 → 1. Push button $ 7500 x4
$40,680 → 2. Infrared $ 8250 x4
Labor $ 1920
x 4

Olsons Plumbing LLC
218-553-4410

MF2922
Terreon® Corner-Fount™ Washfountains

- Serves one to two users at a time
- Unique, repairable, solid surface material
- Highly vandal resistant
- Saves water, energy. and space
- Available with air, TouchTime®, infrared or battery infrared activations



Specifications

Size and Capacity
Accommodates 1-2 users at a time. The pre-assembled sprayhead module is equipped with two independent streamformers, each controlled by a separate pushbutton or infrared sensor.

Flow Control/Rate
Operating water pressure range is 20–80 psi. A flow restrictor keeps the flow rate constant under any pressure.

Construction

Bowl and Pedestal
Constructed of Terreon®, a densified solid surface material composed of bio-based 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 GREENGUARD® certified as low-emitting materials. Pedestal frame and access panels are constructed of heavy gauge type 304 stainless steel.

Vandal Resistance
The sprayhead is molded as an integral part of the bowl. All streamformers, escutcheons, pushbuttons/infrared sensors are secured from inside the sprayhead. All valves, water supplies, and waste connections are concealed inside the pedestal. The front access panel is removable only with a hex key. 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 with stop valves, flexible stainless steel supply hoses, drain spud, and locknut. Stop valves mount onto 1/2" nominal copper tubing.

Activation Types

Air
Each pushbutton pneumatically actuates a non-hold-open, air metering, single-temperature valve with field adjustable timing from 0–45 seconds. Factory preset at at 11 seconds. Each pushbutton activates one valve which, in turn, activates one station at a rate of 0.10 gpc (0.38 Lpc). Pushbutton requires less than five pounds of pressure.

Infrared
Each of the stream formers 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 at a rate of 0.50 gpm (1.9 Lpm). 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:

- Solenoid – 12VDC, 3/8" tube fitting. Few moving parts, and resistant to most chemicals, minerals, and impurities often present in municipal water supplies.
- Low-Voltage Plug-In Adapter – UL/CSA-listed 120VAC/12VDC plug-in adapter. Plugs into a standard GFCI protected electrical outlet. Location of plug-in adapter per local electrical code.

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 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. 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 (included). Battery type is Duracell® DL 223A 6V 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 pushbutton activates one valve which, in turn, activates one station flowing tempered water at a rate of 0.10 gpc (0.38 Lpc). 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. Pushbutton requires less than five pounds of pressure.

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

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)

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.

P.O. Box 309, Menomonee Falls, WI 53052-0309
800 BRADLEY (800 272 3539) +1 262 251 6000
bradleycorp.com

1. Push button $ 6600 x 4
2. Infrared $ 6700 x 4
Labor $ 1920
x 4
$34080.00
$34480.00