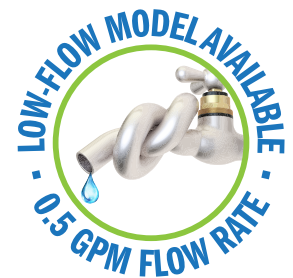


# SANI-LAV<sup>®</sup> COLUMBIA PRODUCTS

## Operating Manual for Hands-Free Floor Mount Stainless Steel Utility Sink

AC Models U1818A and U1818A-0.5

Battery Models U1818B and U1818B-0.5



Columbia does not recommend use with harsh chemicals.

### Product Compliance

NSF/ANSI 2 Food Equipment, NSF/ANSI 372 Lead-Free Compliant, ASME A112.18.1



## Parts List

- ☐ (1) Floor mount sink
- ☐ (1) Leg assembly set
- ☐ (6) Nuts, bolts and washers for leg assembly
- ☐ (4) Nuts and washers for connecting sink to leg assembly
- ☐ (1) AC or Battery powered sensor faucet assembly
- ☐ (1) Mixing check valve
- ☐ (1) Strainer assembly with basket

## Tools Required

- ☐ Tape measure
- ☐ Adjustable wrench
- ☐ Drill motor and drill bits
- ☐ Pipe wrench
- ☐ Level
- ☐ Safety glasses
- ☐ Screw drivers: phillips and standard
- ☐ Pencil
- ☐ Socket wrench

## Installation Instructions

### Step 1

1. Attach upper and lower leg support brackets to legs with hardware (provided).
2. Place wash station sink on leg assembly and secure with hardware (provided).
3. Establish sink location.
4. Mark the floor where the four holes are at the base as shown in illustration A.
5. Drill holes as required for mounting hardware. (Hardware not included).

### Step 2

1. Install strainer assembly.
2. Install faucets to the sink following the instructions provided with sensor unit.
3. Attach supply tube with elbow to back of faucet.
4. Install mixing check valve and compression fitting to control box of each sensor faucet.

### Step 3

1. Secure wash station to floor.
2. Connect waste line to strainer assembly (s).
3. Mount sensor control boxes at desired location on wall.
4. Connect power line from sensor to control box.
5. Attach supply tube from faucet to control box.
6. Connect hot and cold water from the source to mixing check valve (s).
7. Remove aerator from the spout assemblies and flush water system. (see step 7 sensor installation instructions)
8. Check connections for leaks.
9. Replace aerator onto the spout (s).

### Step 4

1. Seal gap between bowl and leg assembly as shown in illustration B.
2. We recommend sealing top of backsplash to wall if applicable as shown in illustration C.

Go to [columbiasinks.com](http://columbiasinks.com) for more information on replacement parts and installation videos.



Illustration A



Illustration B



Illustration C

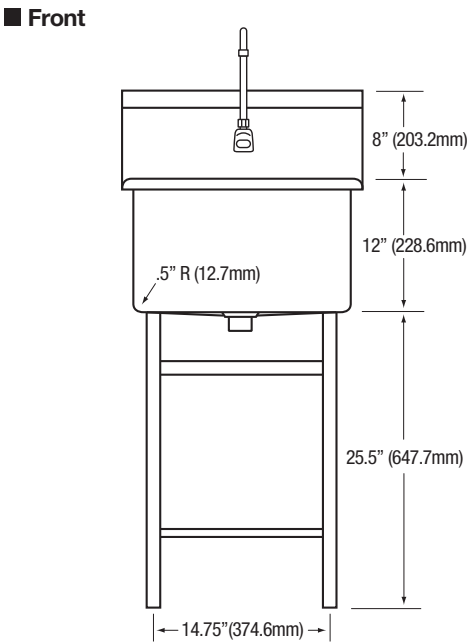
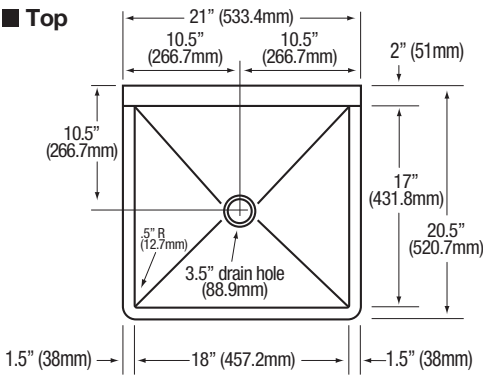
#### Notice for California Consumers

**WARNING:** This product can expose you to chemicals including Chromium (hexavalent compounds), Lead, and Phthalates (DEHP) which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

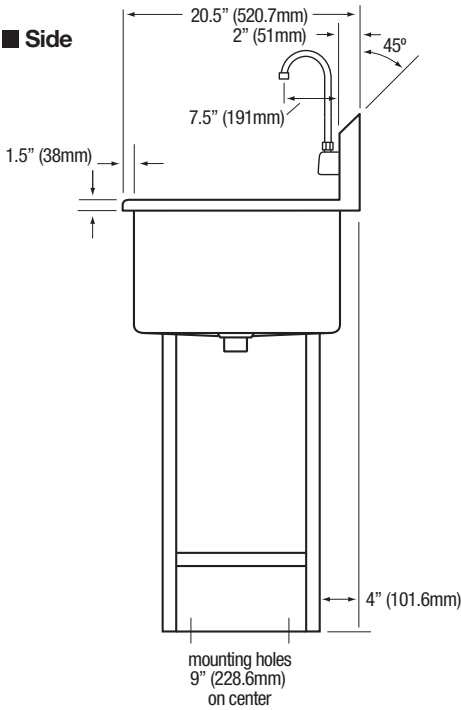
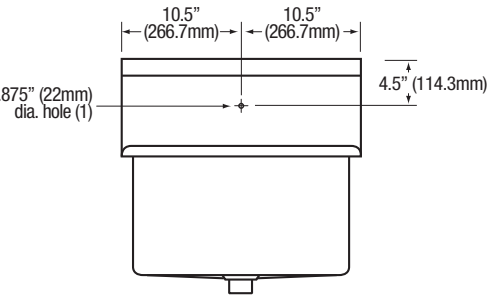
**NOTE:** Lead content originates from Brass components in valves and faucets and is certified under NSF/ANSI 372 as containing less than 0.25% lead in wetted surfaces.

**COLUMBIA PRODUCTS**

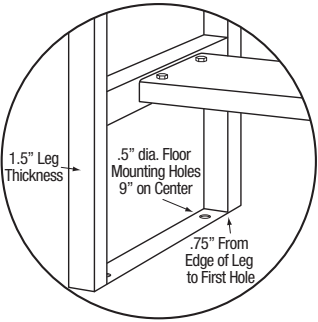
800.626.2117 • [columbiasinks.com](http://columbiasinks.com) • [info@columbiasinks.com](mailto:info@columbiasinks.com)



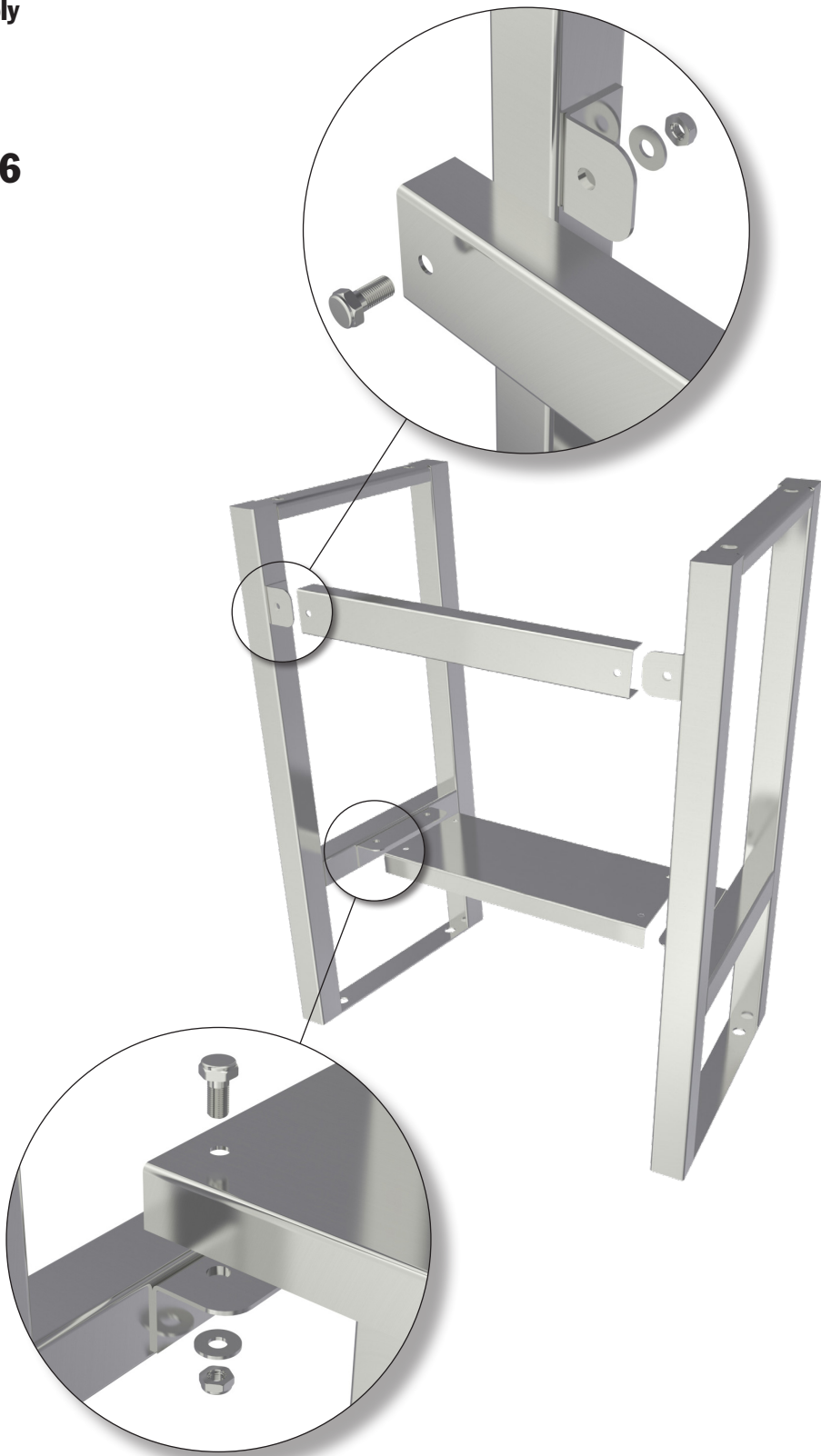
■ Hole Configurations



■ Floor Mounting Detail



Leg Assembly



## Care and Maintenance

Regular cleaning will preserve the appearance and integrity of the surface. Stainless steel can easily be cleaned and kept stain-free using various methods.

### Recommendations:

- Clean with an abrasive cleaner like, Bon-Ami or Zud weekly or bi-weekly. Always scrub in the direction of the grain or polish lines. Another option is to use Baking soda. Make sure to rinse well and dry. Illustration A
- Most soaps and detergents contain chlorides, we recommend rinsing the stainless-steel sink with hot water after use, to prevent corrosion. Illustration B
- Regularly dry your sink to prevent water and surface rust marks. Illustration C
- Do not leave salt in the sink or near a saltwater environment.
- Use a quality stainless steel cleaner and follow cleaner instructions. Wipe along the grain (NOT against). Illustration D

### Things to Avoid:

- Avoid harsh abrasive cleaners and corrosive chemicals.
- Avoid abrasive scouring pads, carbon steel brushes and steel wool for cleaning as iron particles left behind can lead to rust.
- Avoid the use of oily rags or greasy cloths when wiping the surface. To avoid water spots, wipe dry after use.

### Additional Tips:

- Regularly drying your sink works wonders to prevent water and surface rust marks.
- Wear rubber gloves when working with cleaners to protect your hands.
- Never mix cleaners. Some products react to create dangerous gases.
- There are thousands of blended or compound cleaners on the market. Users are advised to contact suppliers of solvents for information on their applications on stainless steel.
- DO NOT USE SOLVENTS in closed spaces or while smoking.
- Note: Columbia does not recommend use with harsh chemicals.



Illustration A



Illustration B



Illustration C

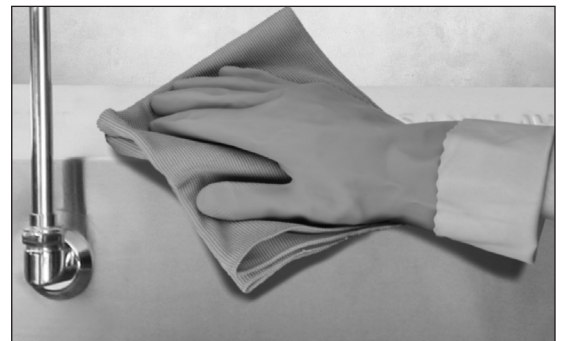


Illustration D

## SANI-LAV Sensor Faucets

Wall Mounted AC and Battery Powered

Meets ANSI/ASME A112.18.1 M-1989



ADA Compliant

### Operation

1. A continuous, invisible beam is emitted from the sensor.
2. The faucet is activated by placing hands under the spout within the effective range of the beam. Water starts to flow immediately for as long as the user's hands remain in the sensor range.
3. When hands are removed, the water flow stops. The sensor will automatically reset and be ready for the next user.
4. In the battery powered version, a flashing red light will indicate a low battery condition.

### Specifications

#### Faucet Construction

##### Control Circuit

- Auto. Time-out  
Solid brass, chrome plated  
Solid state, AC or battery, switchable  
Preset at 20 seconds and adjustable to 10, 30, or 60 seconds
- Line Purge (request only)  
2 minute run every 12 hours or 24 hours
- Scrub Mode Delay (request only)  
60, 120, 180 seconds
- Sensor Range  
Preset and adjustable
- Shut-off Delay  
Presets and adjustable from 1-8 seconds

##### Control Cable

##### Solenoid Valve

- Wattage: 0.4W (idle), 5W (in use)
- Operating Pressure: 5 psi to 125 psi

##### Flow Control

2.0 or 0.5 GPM, Laminar Flow Control

### AC Mode

#### Power Adapter

- Standard Plug-in  
Input AC 120V 60 Hz or 220V
- (UL/CSA)  
Output DC 12V, 0.8A/Class 2
- Power Cable  
Armored, vandal resistant
- Optional Multi-Unit Adapter  
Serves up to 8 faucets
- (UL/CSA)  
Input AC 120V, Output DC 12V, 3A

### Battery Mode

#### Battery Powered Models

#### Battery Service Life

- (4) AA Alkaline Batteries
- 400,000 on/off cycles, up to 4 years

### Package Includes

- (1) Faucet with electronic sensor
- (1) Control box w/6V DC solenoid
- (1) 12V DC plug-in power adaptor (H-6700C, -DC, -LR and -LRDC only)
- (1) In-line filter with clean-out trap
- (1) .18" Flex, S.S. supply tube, 3/8"(1) 6" Gooseneck Spout
- (1) Mounting hardware
- (1) 2.0 GPM Flow Control(4) AA Alkaline batteries (HB-6700C, -DC, -LR, -LRDC only)
- (1) Battery holder (HB-6700C, -DC, -LR, -LRDC only)

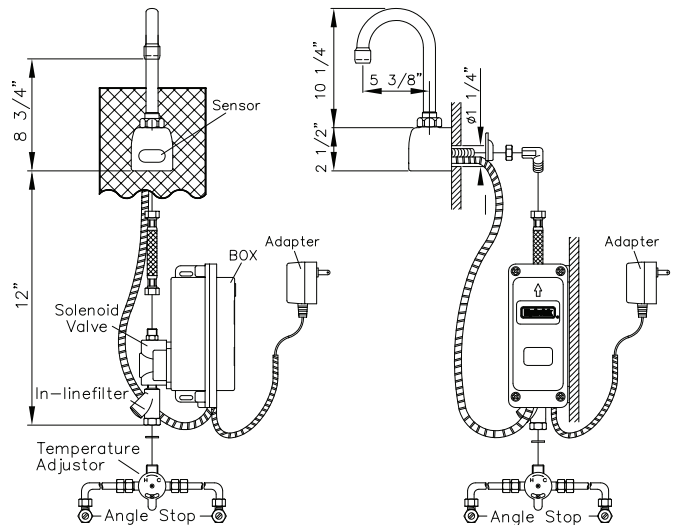
### Dimensions

- Base Width (Outside Measurement) 2-1/4"
- Base Depth 2-1/2"
- Faucet Height (Aerator to Base) 8-3/4"
- Faucet Height Overall 12-3/4"
- Depth (Center of Aerator to Center of Faucet Base) 5-3/8"
- Mounting Bolt Length 1-7/16"
- Mounting Bolt Pattern Single-hole mount

### Optional Variations and Accessories

- 0.35, 0.5, 1.5, 2.2 GPM Laminar Flow
- HC-010 Multi-Unit Voltage Adapter (AC Powered Only) - 8 units
- HC-0104 Multi-Unit Voltage Adapter (AC Powered Only) - 4 units
- HC-001 Mixing/Check Valve (Mechanical)
- HBL-04-LR Thermostatic Mixing Valve with Checks (Low Lead)
- 8" deep Gooseneck and 6" or 8" Swing Spout Model

Model	Sensor Type	Flow-Rate
ES2RL	AC Powered	Standard 2.0 GPM
ES2RL-0.5	AC Powered	Low-Flow 0.5 GPM



Model	Sensor Type	Flow-Rate
ESB2RL	Battery Powered	Standard 2.0 GPM
ESB2RL-0.5	Battery Powered	Low-Flow 0.5 GPM

