

Hands-Free Wall Mount Stainless Steel Scrub Sink

Model	Sensor Type	Flow-Rate
531A	AC Powered	Standard 2.0 GPM
531A-0.5	AC Powered	Low-Flow 0.5 GPM
531B	Battery Powered	Standard 2.0 GPM
531B-0.5	Battery Powered	Low-Flow 0.5 GPM

Product Specifications

Seamless welded construction of 14 gauge type 304 stainless steel with a 1-1/2" rolled rim on front and sides. Exposed surfaces have a uniformed satin finish.

Outside Dimensions	25" x 20" x 18-1/2" High
Inside Bowl Size	22" x 16-1/2" x 10-1/2" Deep
Back Splash Height	8"
Water Activation	AC or Battery Powered Sensor Faucet
Flow Rate	2 GPM
Inlet Connections	3/8" Male Compression
Drain Opening	3-1/2"
Finish	Satin
Strainer	Basket Type
Wall Mounting Bracket	1/4" dia. Mounting Holes

Includes

- (1) Wall mount sink
- (1) AC or Battery powered sensor faucet assembly
- (1) Wall-mounting bracket
- (2) Support brackets
- (1) Mixing check valve
- (1) Strainer assembly with basket

Product Compliance

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



Part: _____ Quantity: _____

Project: _____

Contact: _____

Date: _____

Approval: _____

Notes:



WARNING: Equipment that include faucets on this page may contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

COLUMBIA PRODUCTS
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Top

25" (635mm)

12.5" (317.5mm)

10.25" (260.35mm)

16.5" (419.1mm)

20" (508mm)

3.5" drain hole (88.9mm)

Cross-breaks to aid drainage

1.5" (38mm)

22" (558.5mm)

1.5" (38mm)

■ Front

Diagram illustrating the front view of the unit with dimensions and mounting details:

- Top section height: 8" (228.6mm)
- Lower section height: 10.5" (266.7mm)
- Lower section radius: 5" R (12.7mm)
- Top section width: 18.75" (476.25mm)
- Overall width: 22" (558.8mm)
- Mounting bracket: Wall-mounting bracket
- Mounting holes: .437" (6mm) slot and .437" (6mm) dia. hole
- Leg height: 4" (101.6mm)

Side

Diagram illustrating the side view of the sink and faucet assembly with dimensions:

- Overall width: 19.5" (495.3mm)
- Faucet handle width: 2" (51mm)
- Faucet height from deck: 7.5" (191mm)
- Deck thickness: 1.5" (38mm)
- Height from suggested floor to rim: 35" (889mm)
- Height from rim to faucet base: 8" (228.6mm)
- Height from rim to faucet spout: 10.5" (266.7mm)
- Height from rim to faucet base (curved): 12.25" (311.15mm)
- Overall width at base: 16.75" (425.45mm)
- Faucet spout angle: 45°

Technical drawing of the top view of the container lid. The drawing shows a rectangular shape with a central circular hole. Dimensions are provided: a width of 12.5" (317.5mm) and a height of 4.5" (114.3mm). A dimension line indicates a distance of .875" (22mm) from the left edge to the center of the hole, labeled "dia. holes (1)".

Back Splash

2" (51mm)

.375" dia. hole

.875" (22.22mm)

SANI-LAV Sensor Faucets

Wall Mounted AC and Battery Powered
Meets ANSI/ASME A112.18.1 M-1989



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

Solid brass, chrome plated
Solid state, AC or battery, switchable
Preset at 20 seconds and adjustable to 10, 30, or 60 seconds
2 minute run every 12 hours or 24 hours

Control Circuit

- Auto. Time-out
- Line Purge (request only)
- Scrub Mode Delay (request only)
- Sensor Range
- Shut-off Delay

60, 120, 180 seconds
Preset and adjustable
Presets and adjustable from 1-8 seconds

Control Cable

Armored, vandal resistant

Solenoid Valve

6V DC, normally closed

- 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
- (UL/CSA)
- Power Cable
- Optional Multi-Unit Adapter
- (UL/CSA)

Input AC 120V 60 Hz or 220V
Output DC 12V, 0.8A/Class 2
Armored, vandal resistant
Serves up to 8 faucets
Input AC 120V, Output DC 12V, 3A

Battery Mode

Battery Powered Models

(4) AA Alkaline Batteries

Battery Service Life

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

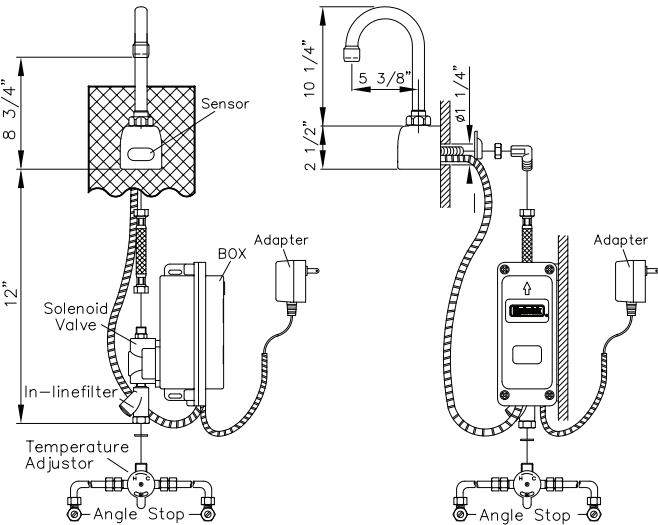
- Base Width (Outside Measurement)
- Base Depth
- Faucet Height (Aerator to Base)
- Faucet Height Overall
- Depth (Center of Aerator to Center of Faucet Base)
- Mounting Bolt Length
- Mounting Bolt Pattern

2-1/4"
2-1/2"
8-3/4"
12-3/4"
5-3/8"
1-7/16"
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 Swing SpoutModel

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

