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SANI-LAV. FRODUCTS

Operating Manual for Hands-Free Floor Mount Stainless Steel Scrub Sink

Models 531F1 and 531F1-0.5





Columbia does not recommend use with harsh chemicals. **Product Compliance** NSF/ANSI 2 Food Equipment, NSF/ANSI 372 Low-Lead





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) Single foot pedal valve
(4) Valve mounting nuts
(1) Swivel gooseneck spout with aerator
(1) Connecting tube for valve to spout connection
(2) Fittings, brass, 0.375" male compression and 0.375" male NPT
(1) Mixing check valve
(1) Strainer assembly with basket

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 spout assembly to the sink.
- 2. Install elbow fitting (provided) to the spout assembly.
- 3. Connect one side of the supply line (provided) to the spout assembly.
- 4. Install strainer assembly.

Step 3

- 1. Install mixing check valve and elbow fitting to valve.
- 2. Install foot pedal valves under the leg assembly cross bar if not mounted already.
- 3. Attach connecting tube from the spout to the foot pedal valve.

Step 4

- 1. Secure wash station to floor.
- 2. Connect waste line to strainer assembly.
- 3. Connect water supplies (hot and cold) to the mixing check valve.

Step 5

- 1. Remove aerator from the spout assembly and flush water line by pressing pedal for 30 seconds.
- 2. Check connections for leaks. Replace aerator onto the spout assembly.
- 3. Seal gap between bowl and leg assembly as shown in illustration B.
- 4. When mounting against wall, we recommend sealing top of backsplash to wall as shown in illustration C.

Go to columbiasinks.com for more information on replacement parts and installation videos.

HANDS-FREE FLOOR MOUNT SCRUB SINK

Tools Required

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



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.

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.

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Trouble Shooting Guide

Problem Possible Cause		To Diagnose	Remedy	
Water drips from spout or valve stem assembly.	Flat washer on the stem/plunger is worn.	To determine if the leak source is from the hot or cold side shut cold water source off. See if water still leaks from the spout. If leak continues then repair hot side if not repair cold side.	We recommend installing valve repair kit.	
Water leaks from the front of the valve. O-Rings on the plunger are worn out		Visually determine whether the cold or hot side is leaking.	We recommend replacing threaded insert, plunger assembly & spring. See illustrations below.	

Valve Repair Instructions

Note: Valves are designed to be repaired without having to be disconnected from mount or plumbing.

- 1. Turn off water source. Do not remove valve from sink.
- 2. Remove pedal assembly using a 15/16" open end wrench or socket wrench. As shown in illustration A.
- 3. Using a 1" deep socket wrench remove insert assembly parts as show in illustration B.
- 4. Replace with new repair kit as shown on illustration C.
- 5. Reinstall pedal assembly and turn water source on.



Illustration A





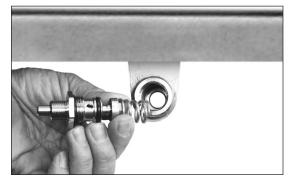
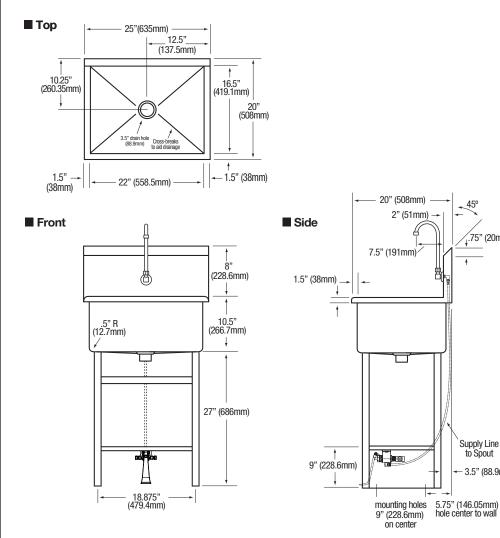


Illustration C

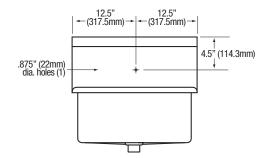


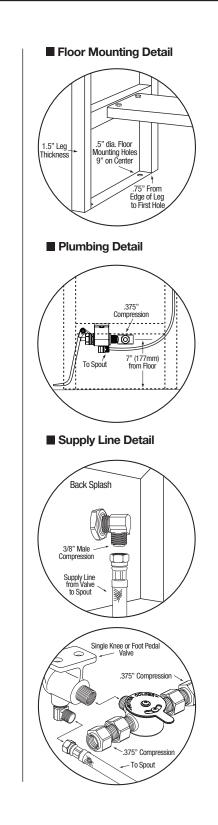
HANDS-FREE FLOOR MOUNT SCRUB SINK

4



Hole Configurations





45⁰

,.75" (20mm)

Supply Line to Spout

3.5" (88.9mm)

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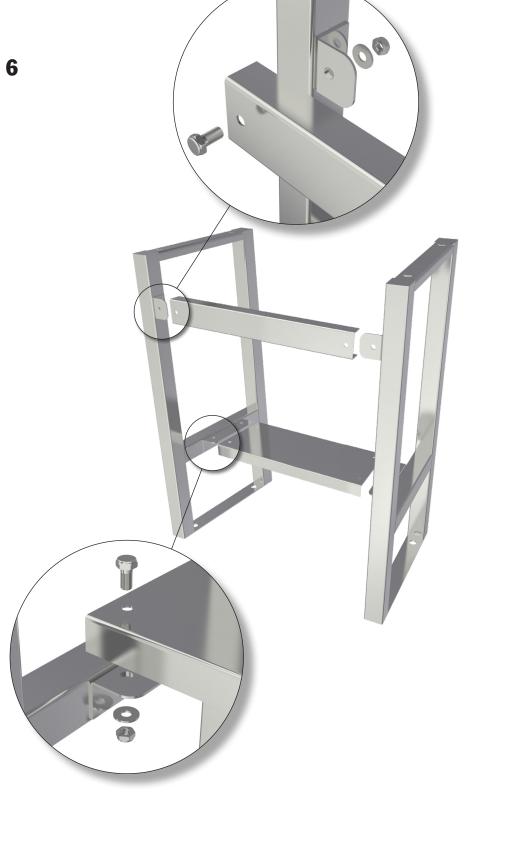
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HANDS-FREE FLOOR MOUNT SCRUB SINK

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Leg Assembly





REPLACEMENT PARTS

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Replacement Parts

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COLUMBIA PRODUCTS	<image/>			1/2" NPT Inlet

CARE AND MAINTENANCE

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.
- \cdot 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