



INSTALL MANUAL

IMPORTANT INFORMATION, KEEP FOR OPERATOR

888-994-7636, fax 888-864-7636
unifiedbrands.net



THIS MANUAL MUST BE RETAINED FOR FUTURE REFERENCE. READ, UNDERSTAND AND FOLLOW THE INSTRUCTIONS AND WARNINGS CONTAINED IN THIS MANUAL.

NOTIFY CARRIER OF DAMAGE AT ONCE It is the responsibility of the consignee to inspect the container upon receipt of same and to determine the possibility of any damage, including concealed damage. Unified Brands suggests that if you are suspicious of damage to make a notation on the delivery receipt. It will be the responsibility of the consignee to file a claim with the carrier. We recommend that you do so at once.

Manufacture Service/Questions 888-994-7636.

This manual provides information for:

POWER PREP INTRO



PRE-UNCRATING CHECKLIST

WARNING: DO NOT CONNECT THE MACHINE USING A POWER CORD AND PLUG OR AN EXTENSION CORD OF ANY KIND.

WARNING: KITCHENS ARE WET ENVIRONMENTS WHICH REQUIRE ALL ELECTRICAL CONNECTIONS TO BE "LIQUID TIGHT".

ELECTRICAL INSTALLATION MUST CONFORM TO ALL APPLICABLE LOCAL WIRING CODES. ALL ELECTRICAL CONNECTIONS MUST BE "LIQUID TIGHT" AND READILY ACCESSIBLE FOR INSPECTION AFTER INSTALLATION WITHOUT MOVING THE POWER PREP INTRO MACHINE.

Verifying the Electrical Requirements

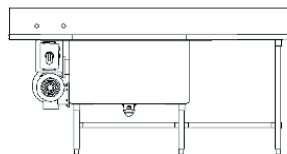


VERIFYING SYSTEM REQUIREMENTS

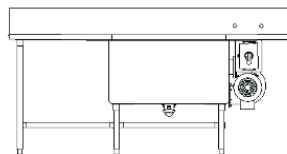
Prior to completely removing the Power Prep Intro unit from the crate, it is necessary to verify certain requirements. Remove only the lid of the crate at this time.

Verifying System Direction

Left to Right Unit



Right to Left Unit



The Power Prep Intro can be built as a "Left to Right" or as a "Right to Left" configuration with a variety of options. Look inside the crate and verify that the configuration of the machine matches the specifications of the order description.

The electrical requirements for the machine are on the machine identification tag located on the side of the wash tank, next to the motor. The electrical service in the facility where the machine is to be installed must be rated for the capacity shown on the identification tag. This machine will require a permanently mounted disconnect that is in a "liquid tight" enclosure. Do not use an in-line plug for disconnecting the machine from the electrical source. Contact a licensed and certified electrician for the enclosure installation using the appropriate breaker (overcurrent protection) and wire size for the machine's electrical service.



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WARNING: FAILURE TO LOCK OUT AND TAG OUT THE ELECTRICAL AND WATER SUPPLIES MAY RESULT IN PERSONAL INJURY OR DEATH AND EXTENSIVE EQUIPMENT DAMAGE.

IMPORTANT: BE SURE TO LEAVE ENOUGH OF THE EXISTING PIPING FOR THE INSTALLATION OF NEW SHUTOFF VALVES. SEE "PRE-PLUMBING" SECTION FOR REFERENCE.

REMOVAL OF EXISTING UNIT

If the new Power Prep Intro is not replacing an existing sink, skip this section. If the removal of an existing sink is necessary, continue with this section.

Existing Supply Lines

The water and electrical source must be shut off before disconnecting or cutting the water or electric lines.

Disconnect any electrical cord that is connected to the existing sink. Disconnect the cold and hot water lines at the fittings on the existing sink.

Existing Sink Removal

Detach any fasteners holding the existing sink in place and remove the existing sink along with any shelves that may interfere with the installation of the Power Prep Intro. Discard all unwanted materials in an appropriate container or disposal area.

Wall Preparation

Clean the wall(s) where the new Power Prep Intro will be installed. Fill all existing holes with an appropriate filler material. Be sure that any outlet that will be covered by the sink has been disconnected and a water tight cover has been installed over the opening.

IMPORTANT: IT IS RECOMMENDED THAT THE MACHINE BE INSTALLED USING NEW ½" OR LARGER FULL FLOW BALL VALVE SHUT OFF VALVES.

IMPORTANT: WASTE PLUMBING MUST CONFORM TO LOCAL BUILDING CODES.

PRE-PLUMBING

Supply and Waste Lines

The supply and waste lines must meet the following requirements:

- Hot and cold water supply must be ½" diameter or larger.
- Centerlines of the hot and cold water supply must be 10" or less above the floor to access the shutoff valves when the machine is installed.
- Waste drain must be 1-1/2" minimum diameter.
- Centerline of the waste drain must be 11" or less above the floor to allow the sink to drain properly.

Install new shutoff valves on the hot and cold water supply lines.

Grease Trap

It may be necessary to relocate and/or replace the existing grease trap. Be sure that the grease trap meets or exceeds the local plumbing codes.

POST-UNCRATING INSTRUCTIONS

UNCRATING

Remove From Crate

Remove the Power Prep Intro from the shipping crate. Sharp staples and nails are used to crate the machine, and care must be taken in handling boards and other packing materials to keep from creating a puncture wound or other injury to people or damage to the equipment. Discard the crating materials in an appropriate disposal area or container.

Inspect the unit and packages shipped in the sink to be certain there was no damage created by the shipping company. If there are signs of shipping damage, contact the shipping company before proceeding.

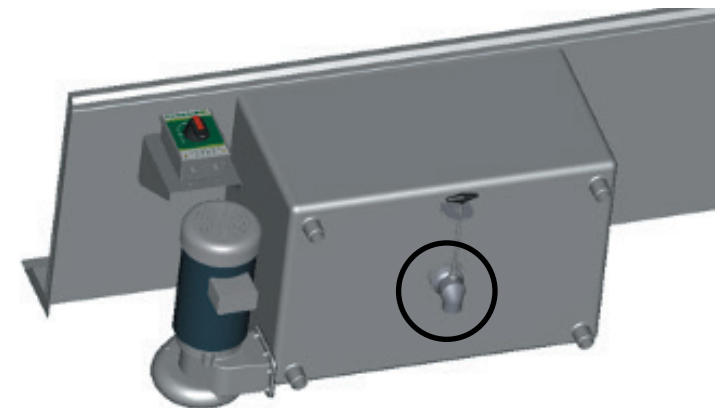
Remove the packages from the wash sink and locate the box labeled "OPEN FIRST". This box will contain the fasteners and sealant that will be required for assembly of the Power Prep Intro.



IMPORTANT: DO NOT BEND THE EDGE OF THE BACKSPLASH WHEN LAYING THE SINK ON ITS BACK.

COMPONENT INSTALLATION

Lay the sink on its back to allow access to the bottom of the sink. Be careful to not let the sink assembly drop to the floor with an impact that would damage the sink assembly or the floor. It may be necessary to place some cardboard or a tarp on the floor to protect the finish.



DRAIN WITH BUILT-IN VALVE IS INSTALLED IN THE BOTTOM OF THE TANK

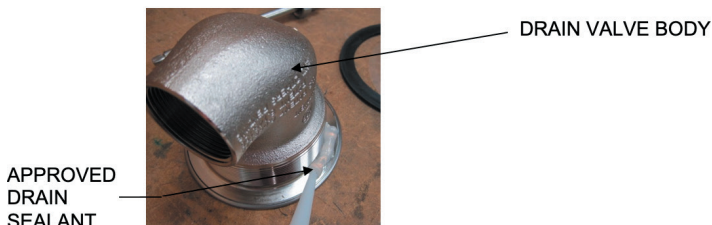
The sink must be accessible from its top side and its bottom side in order to install the accessories. Be aware that the backsplash is unsupported at this time and can be bent out of shape by trying to support the entire weight of the sink on the edge of the backsplash.

IMPORTANT: THE RIM OF THE DRAIN MUST SEAT IN THE RECESS OF THE SINK OR IT WILL WORK LOOSE OVER TIME AND ALLOW WATER TO LEAK AROUND THE DRAIN.

Install Sink Drains

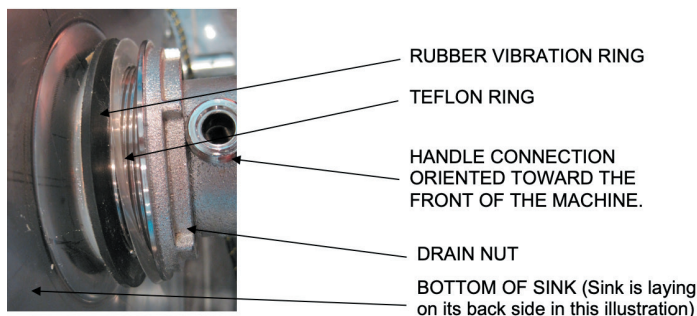
There is one sink drain in the Power Prep Intro that must be installed. The drain with a valve built into the body is installed in the bottom of the sink and oriented with the drain valve handle toward the front of the sink. The flange at the top of the valve must be sealed to the recess formed in the inside sink bottom.

Apply a generous bead of a drain sealant around the lip of the drain body.

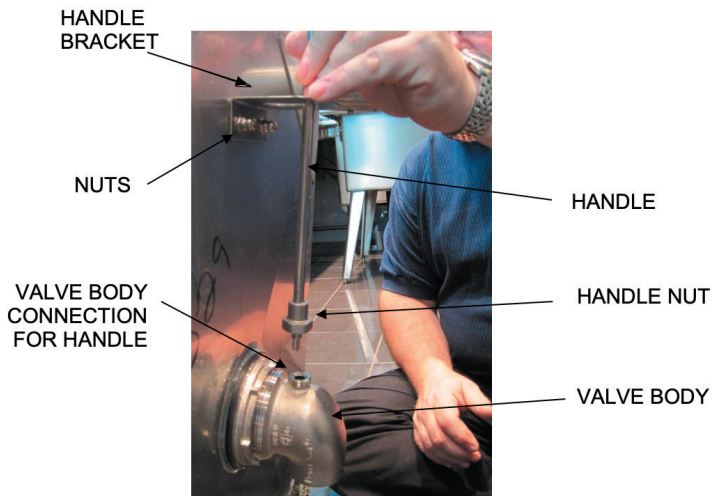


The drain will be oriented with the handle connection toward the front of the sink. From inside the sink, insert the drain through the drain hole and seat the flange against the recess around the drain opening. Be sure that the sealant compresses so the top flange of the drain actually touches the sheet metal surface of the sink. If the drain does not touch the sink it will work loose and leak as the sealant compresses over time.

From the outside of the sink, place the rubber vibration ring over the threaded body of the drain followed by the Teflon ring and then the drain nut. Tighten the nut "hand tight" until the handle is installed.



Using two nuts, attach the drain handle bracket to the studs on the bottom of the tank. Insert the drain valve handle through the bracket and into the drain body. It may be necessary to rotate the handle a partial turn to align the flats on the end of the handle shaft with the flats on the valve so that the handle will fully insert into the valve. Secure the handle to the valve body by screwing the handle nut onto the valve body.



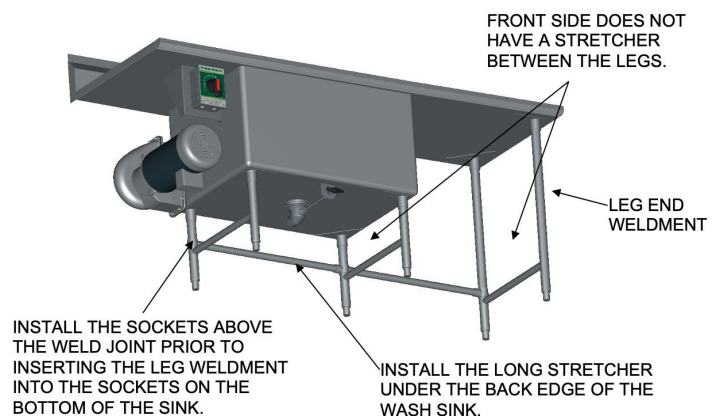
While holding the drain body to prevent it from rotating, tighten the drain nut with a wrench to firmly seat the nut against the rubber vibration ring and the vibration ring against the surface of the sink (approximately ¼ turn past "hand tight"). Wipe or trim the excess sealant from around the drain flange inside the sink. Allow the sealant to cure before filling the sink with water (see instructions on the sealant container for drying time).

Leg Installation

The Power Prep Intro is usually shipped without the leg assembly attached to the machine. Different options have different types of leg assemblies. Some leg assemblies are all welded together and others are pieces that need to be assembled. If the leg set is welded together, skip to the section labeled "Leg Set and Sink".

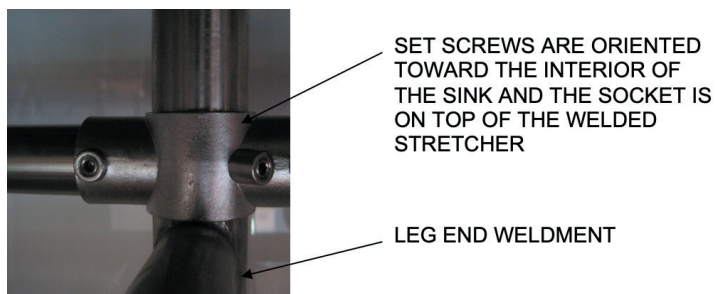
Leg Set Assembly

Install the two leg end weldments and the two stretchers. The stretchers are the horizontal tubes that connect the leg weldments to provide lateral stability. The long stretcher will be installed between the back legs on the wash sink.



Orient the stretcher socket with the set screw facing toward the sink drain and then slide the stretcher sockets over the top of the leg sets so that the stretcher will be positioned above the welded joint of the leg when the legs are assembled onto the sink. Install the stretchers between the leg sets by inserting them into the sockets before inserting the legs into the sockets on the bottom of the tank and drain board.

IMPORTANT: AFTER TIGHTENING THE SET SCREWS, FILL THE OPENINGS IN A CLEAN AND SANITARY MANNER WITH THE SILICONE SEALANT THAT IS SUPPLIED WITH THE MACHINE



Leg Set and Sink

Insert the leg assembly into the sockets on the bottoms of the sink and drain board. Be sure that all the legs are seated in the bottom of the sockets. Use an Allen wrench (5/32) to tighten the set screws in all of the sockets. After tightening the set screws, apply silicone sealant (supplied with the machine) to the set screw openings in order to seal the openings in a clean and sanitary manner.



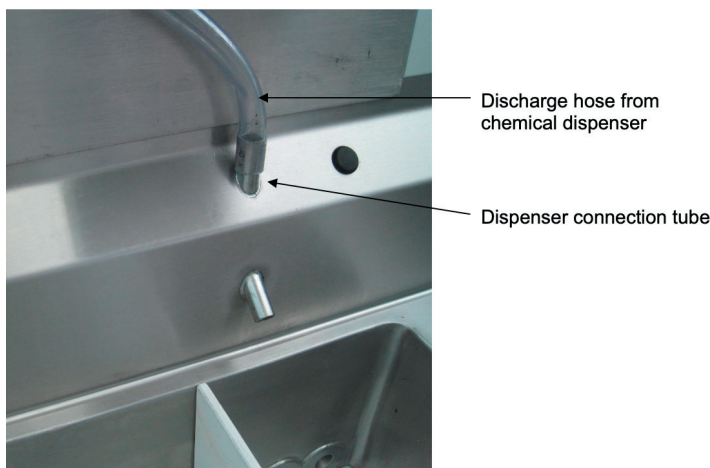
Adjusting the Feet

Use a tape measure and adjust the feet to the approximate height required. Turn the hexagon foot clockwise to shorten the height of the sink or counterclockwise to raise the height of the sink. Final adjustment of the feet will be done after the sink is in the installed location. Set the sink and leg assembly upright on its feet.

IMPORTANT: CHEMICAL DISPENSER AND CHEMICALS FOR THE POWER PREP INTRO MUST BE OBTAINED FROM A SOURCE OTHER THAN UNIFIED BRANDS.

Chemical Dispenser Connection

Chemical dispenser and chemicals for the Power Prep Intro are not sold by Unified Brands; these must be obtained through other sources. Some Power Prep Intro units are provided with a dispensing tube located in the back splash for directing the chemical flow into the wash sink.



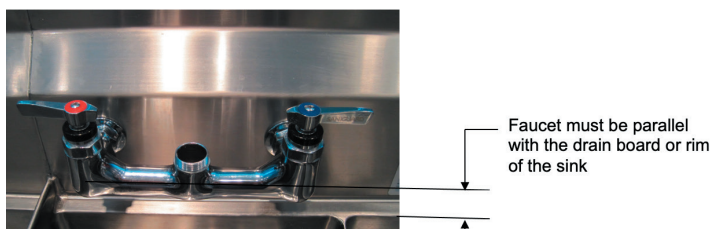
The discharge tube from the chemical dispenser is pushed over the end of the tube to secure it to the backsplash. This keeps the hose in the correct location for dispensing chemicals into the wash sink.

Faucet Installation

Open the faucet package and locate the water connection elbows, faucet body and escutcheon assemblies. Apply Teflon tape to the threads of the elbows and insert them through the backsplash of the sink.



Loosely fit the escutcheons to the elbows and the faucet body. When the alignment of the body with the sink is confirmed, tighten the escutcheons onto the elbows and faucet body. From the back side of the backsplash, tighten the brass nuts on the elbows when the faucet body is parallel with the rim of the sink.



Complete the faucet assembly according to the manufacturer's instructions which are included with the faucet. Attach water lines to the faucet so that the lines extend below the sink. This will make the plumbing easier to complete when the machine is placed against the wall.

COMPLETING THE INSTALLATION

IMPORTANT: THE POWER PREP INTRO SINK ASSEMBLY MUST BE LEVEL FROM SIDE TO SIDE AND FRONT TO REAR WITH ALL THE FEET MAKING FIRM CONTACT WITH THE FLOOR.

FINAL INSTALLATION STEPS

Machine Placement

Position the Power Prep Intro so that the back splash rests against the wall and is placed according to the floor plan or customer's selected location. Examine the drain and water supply lines to determine that the plumbing can be completed when the Power Prep Intro is in the final location. Verify that the plumbing from the faucet can be reached with the sink against the wall.

Downturned-Backsplash ("Z-Clip" Installation)

If the Power Prep Intro has an upturned backsplash, skip this step.

If the Power Prep Intro has a backsplash that is downturned, it will be necessary to attach the provided Z-Clips to the wall. Using a level, adjust the feet on the Power Prep Intro until the front rim and the rear rim of the sink are level. The sink must also be level front to back. Measure from the floor to the top edge of the backsplash, and then move the sink away from the wall. Locate the Z-Clips by marking a level line on the wall approximately 3/32" below the height of the backsplash top edge. Locate the wall studs and mark the locations. Align top edge of Z-Clips to the marked line and securely fasten the Z-Clips to the wall, using fasteners provided. Install screws directly to the wall's studs whenever possible. The Z-Clips should be spaced as evenly as possible. Move the sink to the wall and lift the back edge over the Z-Clips.



Upturned-Backsplash

If the Power Prep Intro has a downturned backsplash, skip this step.

Using a level, adjust the feet on the Power Prep Intro until the front rim and the rear rim of the sink are level. The sink must also be level front to back. Locate the wall studs and mark their location on the top edge of the back splash. Measure down 3/4" from the top of the backsplash and then drill 1/4" diameter holes through the back splash in line with the center of the studs. Use the included #10 stainless steel screws to attach the Power Prep Intro directly to the wall.

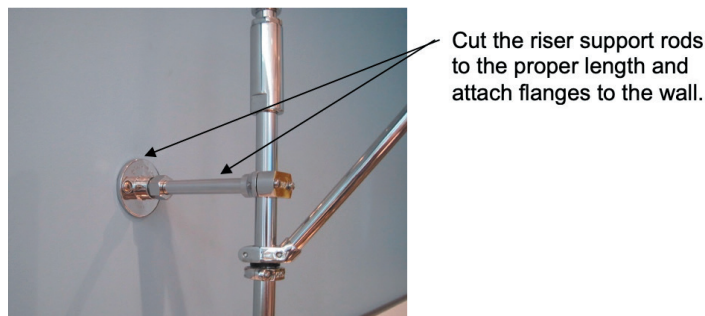


Seal around the Backsplash and Screws

Examine the installation to see that the wall and backsplash are clean and free of dust and oils. Seal the top and sides of the backsplash to the wall using the clear NSF approved sealant provided with the Power Prep Intro. Seal around the screw heads to be sure they do not allow water to leak behind the backsplash. Wipe off all excess sealant leaving a smooth, clean and sanitary bead of sealant on all the edges.

Rinse Riser and Anchor Installation

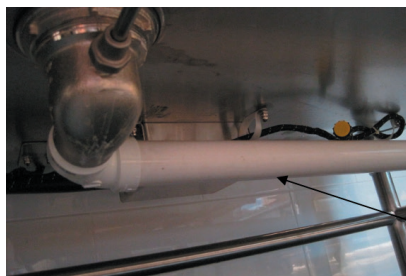
Follow the faucet manufacturer's directions on the assembly of the faucet and riser. Anchor the riser supports to the wall using the flange plate provided with the riser assembly. It may be necessary to cut the support rods to a shorter length in order to fit between the wall and the riser.



IMPORTANT: INSTALLER IS RESPONSIBLE FOR ALL PLUMBING TO CONFORM TO LOCAL BUILDING CODES WHICH MAY BE DIFFERENT FROM ILLUSTRATIONS SHOWN IN THIS MANUAL.

Plumbing Connections

Connect the water supply lines to the faucet. Connect all the drains to the waste drain connection.



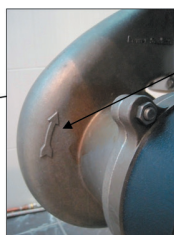
Complete the connection of all drains and water supply lines.

Electrical Connections

The final electrical connections between the Power Prep Intro and the electrical supply must be made by a licensed electrician. The Power Prep Intro has several options for motors. Review the information tag for determining the specific requirements of the machine being installed. See Verify the Electric Requirements section of this instruction booklet.

Checking the Motor Rotation

The motor must rotate in the correct direction in order for the Power Prep Intro to function properly. An arrow indicating the direction of rotation is located on the pump housing. Running the motor in the wrong direction does not damage the motor or pump, but the pump will not circulate water in the wash sink correctly. After the connection to the electrical supply is properly made, turn the motor on momentarily and watch the cooling fan blades on the end of the motor to see that the motor is turning in the correct direction. The fan blades can be seen through the vent holes on the end of the motor. It is usually necessary to watch the fan as the motor coasts to a stop, because the fan is difficult to see when the motor is running at full speed.



Arrow indicating the direction of rotation is located on the pump housing

IMPORTANT: THE MOTOR MUST ROTATE IN THE CORRECT DIRECTION FOR THE MACHINE TO OPERATE PROPERLY.

Shelving

Reinstall any shelving that was removed for convenience of installation. If the shelving is damaged or corroded, it is recommended that the shelving be replaced. Remember that whatever equipment or supplies are located above the sink might accidentally fall into the food being processed by the Power Prep Intro.

VALIDATING THE INSTALLATION

IMPORTANT: MOTOR ROTATION MUST BE CORRECT FOR THE MACHINE TO OPERATE CORRECTLY.

TESTING THE COMPONENTS

Check for Leaks

- Turn on the water supply and inspect all joints for leaks.
- Close the drain valve, fill the sink with water and inspect the drain fittings for leaks.

- Open the drain valve and inspect the drain joints for leaks as the water is draining from the sink.

Check the Electrical Installation

- Verify that there are no loose wires or open holes in the electrical enclosure.
- Check for correct motor rotation as indicated by the arrow on the pump housing.
- Fill the wash tank with water and turn the handle on the control enclosure to the "ON" position. Have a qualified electrician verify that the amp draw on the electrical supply is within the specifications on the identification tag.



Direction of rotation arrow

Check the Faucet Operation

- Open each faucet knob and verify that water flows from each hand control. Verify that hot and cold water are running from the correct hand control.
- With the water valves open, turn the center knob to see that it will shut off flow to the faucet and that the hand sprayer is still functional.
- Purge the water lines according to local code requirements.

IMPORTANT: CHEMICAL DISPENSER AND CHEMICALS FOR THE POWER PREP INTRO MUST BE OBTAINED FROM A SOURCE OTHER THAN UNIFIED BRANDS.

Check the Chemical Dispensing System

The Chemical Dispensing System must be checked by a representative of the company that manufactured it. It will need to be verified that the proper amount of chemical is being dispensed and that the proper chemical concentration is maintained during operation.