

LABCONCO Glassware Washer Quick Guide to Installation

Please note: This Quick Guide to Installation may not provide all the information necessary for your particular installation. Refer to the Instruction Manual for details and important precautions.

1. To open the washer door:

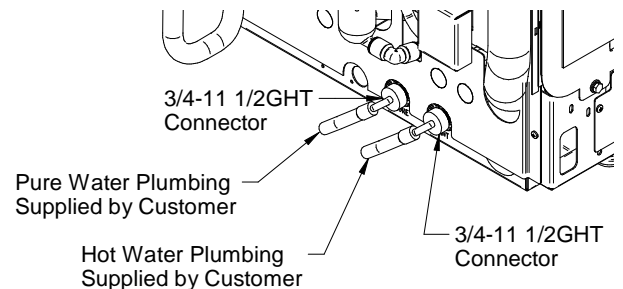
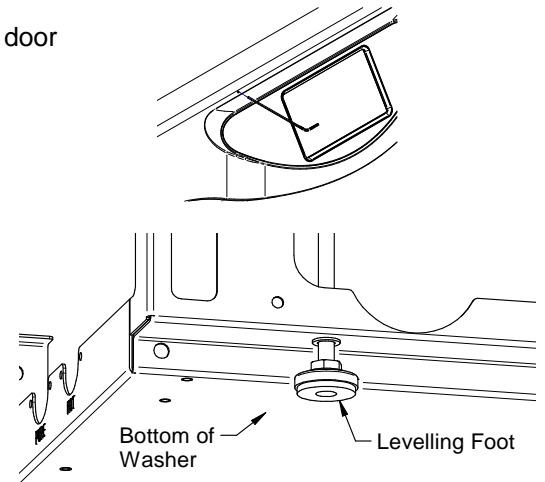
- Push the supplied Allen key into the hole in the control panel until the door opens.

2. Installing the leveling feet or casters:

- Place the washer on its back and remove the shipping bolts.
- Screw in the leveling feet.

3. Hot Water Requirements:

- Hot water supply of 120°F (49°C) or higher.
- Pressure between 20-120 psi(138-825kPa).
- Verify required flow rate of 1.25 gallons per minute (4.7 L/min).
- Connect the water supply with an appliance style hose with $\frac{3}{4}$ -11 $\frac{1}{2}$ GHT fitting and $\frac{1}{4}$ " minimum inside diameter. A 6' hose (p/n 4544600) with a $\frac{3}{4}$ -11 $\frac{1}{2}$ GHT straight fitting on one side and a $\frac{3}{4}$ -11 $\frac{1}{2}$ GHT elbow fitting on the other side is available from Labconco.
- Note: Install a hot water inlet shutoff valve and an extra 3' of hose behind the washer to allow for easy servicing.



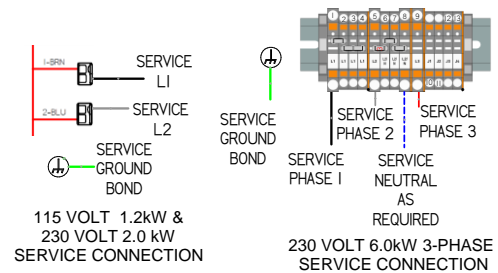
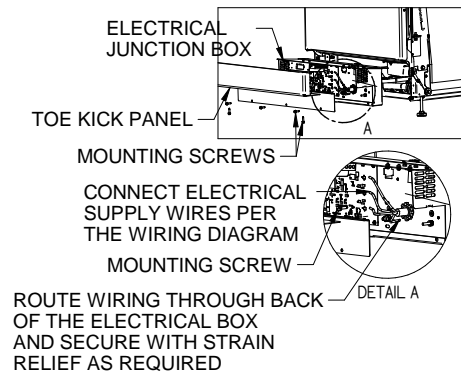
4. Purified Water Requirements:

- The washer may be connected to a pressurized purified water system or to a non-pressurized feed from a purified water storage container.
- For pressurized supply, verify required flow rate of 0.9 gallons per minute (3.4 L/min).
- Each wash cycle requires a total of 3.2 gal. (12.0 L) per pure water rinse.
- Connect the pure water supply with an appliance style hose with $\frac{3}{4}$ -11 $\frac{1}{2}$ GHT fitting and $\frac{1}{4}$ " minimum inside diameter. A 6' hose (p/n 4544600) with a $\frac{3}{4}$ -11 $\frac{1}{2}$ GHT straight fitting on one side and a $\frac{3}{4}$ -11 $\frac{1}{2}$ GHT elbow fitting on the other side is available from Labconco. The pure water supply can also be connected with a 3/8" ID tubing with an adapter (p/n 1448700) from Labconco.
- If the purified water source is a carboy the washers self-priming pure water pump will draw water from either the top or the bottom opening of the carboy. If the purified water supply feeds directly from the carboy top, make certain the hose is always submerged below the water line to eliminate the possibility of allowing air into the system. Ensure the carboy is vented to permit proper flow from the carboy to the washer.

5. Electrical Requirements:

- 20 Amp circuit is required for 115V/ 230V 1.2kW and 2kW models; and 30 Amp circuit for 230V 3 phase 6kW models.
- Make sure electrical power is turned off.
- Remove the lower toe kick panels on the washer by removing the five screws.
- Remove the electrical box by loosening the two screws on each side of the washer base and removing the one screw located at the lower center of the box.
- Without disconnecting the existing wiring, carefully pull the electrical box out enough to gain access to it's back.
- Carefully route the electrical supply wire through the strain relief clamp located in the back center of the base to the strain relief clamp on the back of the electrical box.

- Connect the customer-supplied service wires to the appropriate colored wires using the factory supplied wire nuts. Refer to the appropriate wiring diagram shown. Make certain the wiring connections match the wiring diagram for the voltage of your unit.
- Connect the ground wire from the supply cable to the ¼-20 ground stud on the electrical box using a ¼" lug or ring terminal.
- Secure the cable with the two strain relief clamps at the back of the electrical box and the back of the base. It is recommended to leave a 3 ft service loop on the power supply cable to move the washer out from under a counter for servicing.
- Carefully reinstall the electrical box making sure the slack from the cable does not interfere with the washer's internal wiring, the pump fans or the drain valve linkage.
- Replace the toe kick panels.
- Consult the detailed conversion instructions available online or included on the thumb drive if your washer needs to be converted from three phase to single phase.

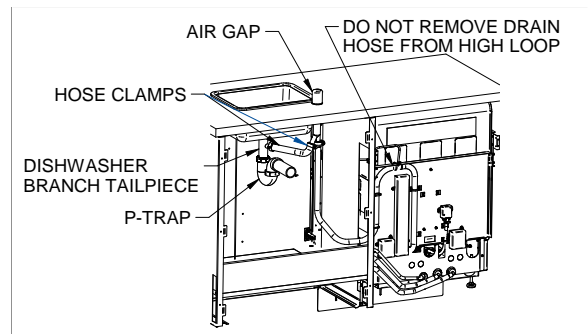


6. Drain Requirements:

- The use of an air gap (ordered separately from your plumbing supplier) for the drain line is recommended for all installations as shown. Alternate methods including the use of a stand pipe are shown in the Users Manual.

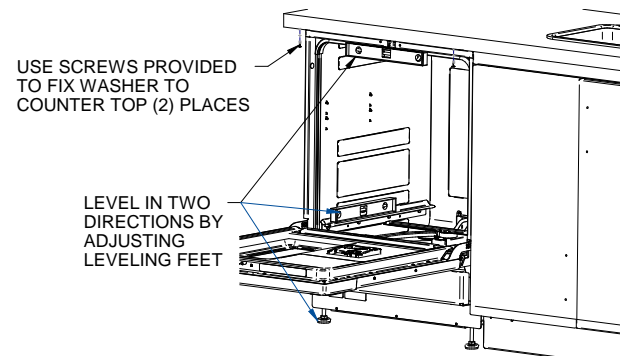
7. Leveling the Washer & Adjusting the Door:

- In the washer's final location, check to ensure it is reasonably level.
- **NOTE:** If the washer door is not centered in the opening, center the door by adjusting the front leveling feet.



8. Attaching Undercounter Washers to Countertop:

- Install two screws through the holes in the top clips, securing the unit to the countertop. This will keep the washer stable in the event too much weight is placed on the door or racks.



9. Test:

- Turn on electrical power, hot water and purified water sources.
- Check all tubing connections for leaks.
- To test the systems, run the washer through the diagnostics procedure. (see the Instruction Manual).