

PERMANENT PLACEMENT

Special Tools-

- Bubble Level (3ft)

Perform the following steps to place the dishwasher in its permanent location.

1. Before moving the dishwasher into position, inspect the location site to ensure the electrical, plumbing, and ventilation services (if required) are provided in the correct locations. Compare the site connections with the dishwasher to ensure they will match when the machine is set in its permanent location.
2. Remove the skid.
3. Place a 3ft. level on top of the pot and pan washer or inside the dishwasher on the track assembly to level the dishwasher front to back. Adjust the level by turning the adjustable feet. Level side to side with the level place on the top of the unit.
4. Remove the control cabinet cover and the right side panel for the booster cabinet (if applicable), to expose the electrical terminal connection points.

Plumbing Connections



WARNING:

The installation of this unit must conform to local codes or, in the absence of local codes, to all National Codes governing plumbing, sanitation, safety and good trade practices.

1. Incoming water supply line is 1" for water connections. Connect the hot water supply at the final rinse piping connection located at the top right rear of machines with boosters.
2. A "Y" line strainer is provided by Champion for machines without boosters. A pressure reducing valve (PRV) is provided by Champion for machines with built-in boosters.
3. If the incoming hot water supply pressure exceeds 25 psi [173 kPa], a PRV must be installed and set to 20-22 psi [138-151 kPa] flowing pressure. The PRV may be purchased from Champion or supplied by others.
4. Install a manual shut-off valve in the steam and water supply lines to accommodate servicing the machine. The valve should be the same size as or larger than the supply line.
5. Provide a suitable gravity drain to connect to the 1-1/2" NPT machine drain connection.

Electrical Connections

**NOTE:**

Electrical and grounding connections must comply with the National Electrical Code and/or Local Electrical Codes.

**WARNING:**

When working on the unit, disconnect the electric service and tag it to indicate work is being done on that circuit.

1. A qualified electrician should compare the electrical specifications on the machine electrical connection plate (located inside the control cabinet) to the electrical power supply before connecting to the incoming service at a fused disconnect switch.
2. The unit is phased at the factory. The phasing of the incoming service can be checked by the rotation of the pump shaft. The pump shaft should rotate in the direction of the discharge, indicated by an arrow on the casting. If the machine is out of phase, make changes at the control cabinet main terminal block and not at the motor.
3. A knock-out plug is provided at the rear of the control cabinet for electrical service connections. Electric booster requires a separate connection.

Ventilation

1. Stainless steel watertight ducting should be installed **INSIDE** the 6" diameter vent collar on the top of the machine.
 - The machine requires 200 CFM @ 1/4" (SP), [95 Liters/sec].
2. There shall be a minimum of 8 air changes per hour of kitchen air.

**CAUTION:**

Exhaust air should not be vented into a wall, ceiling, or concealed space of a building. Condensation will cause damage.

CHEMICAL CONNECTIONS

!! ATTENTION POT AND PAN WASHER OWNER!!

Your pot and pan washer is designed to work best with **liquid commercial dishwashing chemicals**. **Detergents must be a commercial non-foaming liquid**. Champion strongly recommends that you contact a qualified chemical supplier to supply these products and to set-up your machine for the first time.

1. Use a qualified detergent/chemical supplier.
2. Labeled control circuit connection terminals are provided in the control cabinet for detergent and rinse agent dispensing equipment (supplied by others).
3. Refer to the wiring schematic for connection points. Signal connection points include:
 - Detergent signal 120VAC, 1 Amp Max amp load.
 - Rinse aid signal 120VAC, 1 Amp Max amp load.
4. A removable black plastic plug is provided on the lower left side of the wash tank, behind the panel, for the installation of the detergent conductivity cell.
5. The detergent input tube should be located above the conductivity cell and the scrap screens.
6. Liquid product is available in 1 to 30 gallon containers and should be located within the sight of the operator.



CAUTION:

*Never use residential nonautomatic dishwashing detergents such as **JOY™** or **DAWN™**, or any other liquid designed for the handwashing of wares, in your machine. Extreme foaming inside your Champion pot and pan washer will cause operation problems.*

Rinse Aid Connections

1. Rinse aid injection system should be installed by a qualified detergent/chemical company.
2. A removable plug in the fill line on top of the machine, at the rear, will be the rinse injection point.
3. Since the final rinse is controlled by the machine timer, rinse aid is only introduced during this cycle.
4. Refer to the wiring schematic for the connection points in the form of two terminal screws.
3. The reservoir should be placed within sight of the operator with machine doors in the open position. The liquid product is available in 1 to 6 gallon containers.

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Installation of Dish Tables

1. Load and unload machine openings are 28-7/8", therefore, table width should be 29" with a 3/4" turned down lip. (33-1/2" max entry).
2. The formed down lip of the dishtable should be placed inside the machine. The dishtable should be pitched toward the dishwasher for proper draining by adjusting its leveling feet. The dishtable should be sealed to the dishwasher.

Completing Installation

**WARNING:**

Do not insert racks into machine before tanks fill with water. Operating pumps dry will cause pump seal damage and leakage that can result in a motor failure.

1. Remove any foreign material from inside the machine.
2. Check to ensure that drains and overflow pipes are operational and sealed.
3. Position scrap screens on supports above the tanks.
4. After plumbing and electrical connections are completed, fill the tank and wait 10 minutes. Check all plumbing connections for leaks.
5. Drain the tank and check the drain lines for leaks.