

## Model 610 Washer/High Level Disinfector SITE REQUIREMENTS

1. Floor Space Requirements:

The floor should be firm and level. Maximum weight of the Model 610 when filled with water is approximately 450 pounds. The dimensions of the system are:

Width: 26.5" (67 cm)

Depth: 33" (83 cm) (Allow additional depth as needed for drainage or electrical connections).

Height: 46.5" (118 cm) – to top of control panel  
64" (162.6 cm) – height clearance with lid open

Additional Clearance: Allow at least 6" (15 cm) clearance on the left side of the Washer/High Level Disinfector to access the power switch when it is placed adjacent to a wall.

2. Plumbing Requirements:

- Hot water faucet with standard hose-type connection.
- Water pressure between 30 and 80 PSI.
- For efficient operation of the pasteurizer, the available water temperature should be between 115°F - 120°F (46°C - 49°C).
- Drain pipe with trap, 1 ½" (3.8 cm) minimum I.D.
- Drain pipe must be located at a minimum height of 34" (86.4 cm) from the floor.
- Back flow protection device for the water main.
- For the Model 610 HT additional plumbing is required.
- Floor drain is recommended.

3. Electrical Requirements:

	Model 610, 115 V	Model 610 HT, 115 V
Electrical Outlet:	Three-prong, grounded 30 A, (NEMA L5-30R)	Three-prong, grounded 30 A, (NEMA L5-30R)
Dedicated Circuit:	120 VAC, single phase, 60 Hz, 30 A	120 VAC, single phase, 60 Hz, 30 A 208 V, 3-phase for HT Heater
Locking Plug Type (Included w/ machine):	NEMA L5-30P	NEMA L5-30P
<b>NOTE</b> - Actual Max Current Drawn:	20 A	20 A

Outlet should be within 3' (91.44 cm) of center rear of machine. All machines are equipped with a 6.5' power cord and a locking plug as noted above.

4. Electrical Specifications:

- Electrical Ratings: 115 V, 60 Hz, 20 A
- Pollution rating: 2
- Installation category: 2
- Maximum relative humidity: 80% for temperatures up to 31 °C (87.8 °F); decreasing linearly to 50% relative humidity at 40 °C (104 °F)
- Environmental operating temperature range: 5 °C-40 °C (41 °F-104 °F)
- Maximum altitude: 2,000 m (6,562 ft)
- Mains supply voltage fluctuations are not to exceed 10% of the nominal supply voltage.
- For indoor use only.
- Maximum sound pressure produced: 82 dBa

## INSTALLATION

The following instructions are for installing a standard Model 610 with no HT Heater Option:

1. Remove all contents from the inside of the machine.
2. Replace the primary tray, and the multi-purpose trays, and the top tray back inside the machine (in that order).
3. Position the Model 610 Washer/High Level Disinfector in its working location. The leveling feet are mounted and set to be level from the factory; however, verify that the machine is level at its installed location. It is recommended that the Model 610 be positioned such that the overflow vent port is over or near a floor drain.  
**NOTE: This step is very important for proper functioning of the Model 610. Do not assume your floor is level.** The Model 610 has four feet. Make sure all four feet are making floor contact and supporting the machine.
4. Use a long level placed across 1) the front; 2) the back; 3 and 4) the right and left sides of the tank with the lid up to verify that the tank is level. If it is not, level it by raising and lowering the feet as needed. When level, the trays are well centered in the tanks, and the lid shuts properly.
5. Connect one end of the water inlet hose to the 'COLD WATER IN' water valve on rear of machine and the other end to the cold water supply. Tighten both connections using slip-joint pliers.
6. Connect one end of the water inlet hose to the 'HOT WATER IN' water valve on rear of machine and the other end to the hot water supply. Tighten both connections using slip-joint pliers.
7. Be sure the cap on the 'HT IN' port is secured. Leave this on at all times unless upgrading to an HT Heater Option.
8. To install the drain hose on the back of the Model 610, first place the gooseneck end of the drain hose into a 1 1/2" (3.8 cm) minimum I.D. drain pipe which must be located at a minimum height of 34" (86.4 cm) from the floor. Be certain that the drain hose will not be kinked when the Model 610 is pushed back to the wall. Push the drain hose on the elbow below the control system enclosure and tighten the hose clamp using a flathead screwdriver.  
**NOTE:** Never make a sealed connection between drain hose and drain pipe.
9. Connect power supply cord to a 3-prong, grounded electrical receptacle. Be sure that all electrical requirements are met prior to connection. See **Electrical Requirements** in this manual.
10. Raise the tank lid and remove the refill port cap located at the top, left corner and add 1 gallon of Clean 505™ Liquid Automatic Dispenser cleaning solution directly into the fill port. When done, replace the fill port cap.
11. Thoroughly clean the tank, trays, compartment dividers, and mesh bags of any shipping dust with a rag or paper towel.
12. Refer to **Initial Set-Up Procedure** in this manual before operation.

**NOTE:** A High-Throughput (HT) Heater Option is available for the Model 610 Washer/High Level Disinfector to provide a more optimum load efficiency within a limited reprocessing area. The HT Heater allows the water entering the tank to achieve pasteurization-level temperature in just minutes, giving you the option of reprocessing loads in less time, or reprocessing more loads per 8 hour shift for greater productivity. For current pricing, contact Cenorin at 800-426-1042 for U.S. and Canada or 1-011-1-253-395-2400 for international.

### High Level Disinfection Systems for Healthcare

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