

## **PRE-INSTALLATION PROCEDURES**



### **DANGER! ELECTRICAL SHOCK HAZARD.**

*Only qualified personnel who have read and understand this entire manual should attempt to install, or service this **WLH2 Classe**, failure to do so could result in death or serious injury. DO NOT plug into an electrical supply until specifically instructed.*



### **CAUTION! DRIP TRAY DRAIN.**

*If you intend to provide a drip tray drain for your customer, be aware that you will be called multiple times per month to service and unclog the tubing leading away from the drip tray to drain. Users will clog the drain with paper clips, erasers, napkins, tea bags, gum, and various other intended items. Waterlogic recommends you establish a minimum of weekly visits to the machine for cleaning of the drip tray drain.*



### **WARNING! USE PROPER PERSONAL PROTECTIVE EQUIPMENT**

*Always ensure proper ventilation and use proper personal protective equipment such as gloves and eye protection when using chemicals. Refer to Material Safety Data Sheet for specific requirements of each chemical product. Take all necessary precautions to prevent sanitizer from contacting eyes, clothing, and any other surfaces in could damage (carpets).*



### **DANGER! ELECTRICAL SHOCK HAZARD.**

*Do not plug in unit unless qualified. Only qualified personnel who have read and understand this entire manual should attempt to install or service this unit.*

1. Remove the **WLH2 Classe** from the box, and place on the countertop or surface where it will be operated. Remove all cellophane wrapping from the machine. Perform a visual inspection of the unit for any damage or missing pieces.
2. Open the drip tray, remove the power cord and any accessories. Remove all cellophane wrapping, reassemble the drip tray and return to its position on the drip tray shelf.
3. Once the machine is in the desired position, lock the rolling wheels installed on the bottom of the machine to keep it in place. Do not install on an inclined surface.
4. Remove the bulkhead caps on the top two bulkhead connectors at the rear of the machine.

## **INSTALLATION AND FLUSHING PROCEDURES**

### **Safety and Installation Guidelines**

Ensure all Local, State, and Federal Laws and Codes including health and safety guidelines are met when installing **Waterlogic** Equipment. Only qualified service technicians should attempt installation and service of **Waterlogic** Equipment.

**⚠ WARNING! ELECTRICAL SHOCK HAZARD.** *Always unplug (isolate from power supply) to prevent electrical shock except where electrical tests are specified.*

**⚠ WARNING! IMPROPER SUPPLY OR CONNECTION CAN RESULT IN RISK OF SHOCK.** *Connect to a 15 amp, 120V 60Hz properly grounded outlet (GFI is recommended). Ensure polarity is correct and always use a 3-prong outlet. Consult a qualified electrician if you have any questions.*

**⚠ WARNING! USE ONLY Waterlogic SUPPLIED POWER CORD.** *Locate system within 5 feet of power supply. Never use an extension cord or adapter. Do not use a damaged power cord or plug. Keep power cord out of heavy traffic areas and away from heat sources. Do not, under any circumstances, remove ground prong or alter the power cord. Never pull the power plug from the outlet with a wet hand or allow the plug to get wet. Failure to use the supplied power cord will void UL Certification and Warranty.*

**⚠ CAUTION! INDOOR USE ONLY.** *Never expose to direct sunlight, heat sources, or ambient air temperature above 38°C (100°F) or below 2°C (35°F). Install indoors and keep unit away from excessive humidity. Never expose to freezing temperatures. Ensure there is adequate clearance around the unit to allow refrigeration system condenser to dissipate heat. Warmer environments require more clearance around the unit. Minimum clearance around all surfaces of the machine is 2-inches. Installs where the ambient temperature exceeds 80°F, require a minimum of 4-inches clearance for proper heat dissipation and efficient operation.*

**⚠ CAUTION! USE A WATER PRESSURE REGULATOR.** *Waterlogic will not be responsible for injury or damage caused by excessive water pressure. Operating pressure must be 40 psi to 60 psi. Be aware any of potential pressure surges caused by building/municipal pumping stations.*

**⚠ CAUTION! USE UV STABILIZED SUPPLY LINES.** *Feed the unit with a potable ambient or cold-water supply only. Feed water over 100° F (37°C) can damage the treatment components. Water block devices and external leak detectors are strongly recommended. Locate the unit as close to the water supply and the electrical connections as possible.*

**⚠ WARNING! STORE AND TRANSPORT UNIT EMPTY. ALWAYS SANITIZE BEFORE USE.** *The unit must be completely drained and sealed before storing to avoid stagnation and reduce microbiological contamination (potential bacterial growth). Sanitize before use to eliminate any potential microbiological contaminants*

Pre-installation procedures as prescribed in this manual must be performed before installing the **WLH2 Classe**.

Always install indoors and place the **Waterlogic WLH2 Classe** on a firm, flat and stable surface.

1. Attach the water supply line to the 1/4" feed water inlet bulkhead fitting on the upper left section of the rear panel of the **WLH2 Classe**. **Waterlogic** requires the use of a water pressure regulator. Water feed pressure must be between 40-60 psi. Turn on the water supply and check for leaks.
2. Connect the upper right port to a food grade CO<sub>2</sub> gas supply, again using a 1/4" supply line. Open the tap of the gas bottle and set the pressure to 4 bar (50psi).



3. Check to ensure that the Red Compressor Power Switch is the *O=OFF* position.

**NOTE:** Switches have internal LED that illuminates when placed in *I=ON* position.



4. Connect the power cord to the back of the **Waterlogic WLH2 Classe** and to a 120 Volt supply. Turn Red Compressor Switch to the *I=ON* position to power the unit.
5. Water will begin filling the Ice Bath, which will take 4-5min. During this time the White Power indicator on the front UI panel should be blinking, communicating the unit is running its initial setup process.
6. Once the Ice bath has reached a suitable level (after 4-5min), the White Power indicator will light solid, and water can now be dispensed. **NOTE:** There is a 5 min delay after the indicator lights solid before the compressor begins to operate.
7. **PLACE A CONTAINER IN THE DISPENSE ARE TO CATCH WATER.** Dispense water from the Still and Sparkling dispense spouts, one after the other, by holding in either the small or large dispense button. For the Still dispense, nothing will come out for several seconds at first, as the lines are being filled with water. Water should begin flowing after several seconds. For the Sparkling dispense, the same process will occur, but there will also be some CO<sub>2</sub> gas release during the first few seconds of dispensing as well. Continue dispensing until a strong stream is achieved.

8. Dispense about 1 gallon of water from each line. This will sufficiently **FLUSH** the lines. Be sure to place a container under the spouts to collect the water from the flushing process.
9. If water supply is RO water (or if the TDS is less than 10ppm), a spoonful of sodium bicarbonate (baking soda) **MAY** need to be added to the water in the ice bath to raise the water's TDS to a level that the sensors can effectively operate in. **NOTE:** If TDS is too low, compressor will not cycle on.
10. Verify that the UV Lamp operates as expected. The light can be seen from the underside of the spout.

**⚠ WARNING! ULTRAVIOLET RADIATION.** *Protect your skin and eyes against ultraviolet rays. Never look directly at an operating UV light. Always disconnect before removal.*

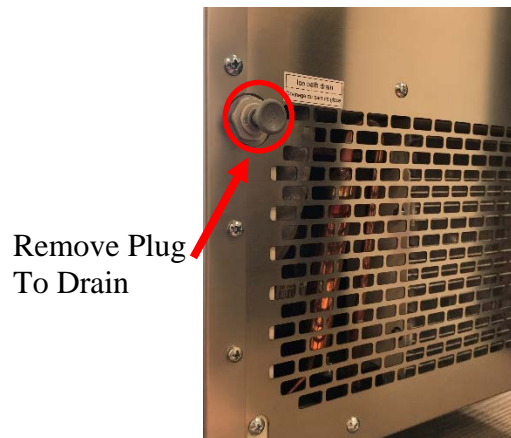
11. Move the **Waterlogic WLH2 Classe** into its final operating position. Be sure that a minimum of 2" clearance is maintained around both sides and the back of the **WLH2 Classe**.
12. This is important to allow proper airflow and heat exchange of refrigeration system.
13. Be sure to lock the adjustable feet of the **WLH2 Classe**. Never install on an incline.
14. When the **WLH2 Classe** has reached its Cold Temp Set Point Temperature, the compressor will cycle off.
15. Once the **WLH2 Classe** is at the target temperature, sample the water to ensure water meets expectations and additional rinsing or adjustment is not required.
16. Check the **WLH2 Classe** for any leaks. External Leak Protection is always recommended.
17. After about 45min to an hour, dispense about ½ gallon of water from the Sparkling side to rid the sparkling capsule of any lukewarm water. This will allow the Sparkling canister to regenerate with chilled water, creating a higher quality of sparkling water.
18. At this time, the volumetric auto-dispense settings can be configured. See page 11.

## **DRAINING INSTRUCTIONS**

**⚠ WARNING! STORE UNIT EMPTY. ALWAYS SANITIZE BEFORE REUSE.**

*The unit must be completely drained and sealed before storing to avoid stagnation and reduce microbial growth).*

1. The **WLH2 Classe** has two main parts to drain, the Still/Sparkling water lines, and the Ice Bath. Draining instructions for both parts are below.
2. First, **SHUT OFF** the water supply to the machine.
3. Close the valve on the CO<sub>2</sub> bottle.
4. To drain the **WLH2 Classe** Ice Bath, remove the 1/4" plug, that is inserted into the drain bulkhead located on the rear of the machine. *\*Upon removal of the plug, water will begin draining from the ice bath. Have a container prepared to catch the water, or back the machine up to a sink or drain basin. This operation will take upwards of 20-30min to fully drain the ice bath.*



5. To drain the Still water line of the **WLH2 Classe**, (with the Gas Bottle shut off) disconnect the gas line from the CO<sub>2</sub> inlet. Disconnect the water supply line from the water inlet of the unit. Now plug the gas line into the water inlet of the unit and open the valve of the Gas Bottle. Simply hold one of the Still Water dispense button to drive water out of the still water line until it is empty, and gas is escaping. Shut off the valve of the Gas Bottle and reconnect to the CO<sub>2</sub> inlet of the unit. Once reconnected, do the same for the Sparkling Water line, holding the Sparkling dispense button until the dispense line is empty, and it begins to gas.
6. Turn the Red Compressor Switch to the **O=OFF** position immediately after draining the sparkling line.

## **ADJUSTING THE GAS BLEND**

The gas blend for the Sparkling line can be adjusted if a sputtering or too much splash from the Sparkling dispense is experienced.

1. Locate the gas blend adjustment underneath the dispense nozzle panel, between the two nozzles.



2. Using a wide flathead screwdriver (NOT A PHILLIPS), turn the adjustment point clockwise to dial back the gas or counter-clockwise to increase the gas blend. Adjust until a smooth stream is achieved.