

XL1 INSTALLATION

It is very important to follow all instructions listed. Failure to do so may cause the system to not operate properly and may impact the long-term reliability of the system.

1. Always check local plumbing codes before tapping into water supply line and drain line. Tap into the water source with an approved connector.
2. Check incoming water pressure and ensure it is between 50-70PSI. If the water pressure is above 70PSI then a pressure reducing valve must be installed and set to lower the pressure to the optimal water pressure between 50-70PSI.
3. Determine the best installation location. Consider user convenience, electrical access, and water access. The unit performs optimally if within 2- feet of a cold-water supply line. Connect only to a cold-water supply. Do not install Feed Water Assembly on the Hot Water Line. Do not place unit where it will be exposed to rain, freezing temperatures or direct sunlight.
4. The rear of the unit should be installed at least 2" from any vertical surface to ensure proper air circulation.
5. Check the available power supply to assure proper electrical service. In the U.S., the voltage specification is 110/120V 60Hz. Voltage outside of this specification will affect the system performance.
6. **It is intended and expected that the unit has been sanitized and the filters flushed before continuing to the next step. If either has not been performed prior to installation, please refer to those sections of the manual to carry out those procedures before continuing.**
7. **Hook up water and electrical cable.** The water connections are clearly marked on the back of unit for "Tap Water" and "RO Drain". Using ¼" LLDPE tubing (black recommended), connect the "Tap Water" connection to the water source, but leave the supply turned **OFF**, and connect the "RO Drain" connection to the locations drain or to a condensate pump that is connected to the drain. Install the supplied power cord to the back of the unit but **DO NOT** connect to power at this time. **It is recommended to use ¼" 90° Stem Adapters on the back of the unit when making the water connections.*



7. Turn the water supply **ON**, **THEN** plug the power cord into the power outlet. ***It is very important to turn the water supply on BEFORE connecting to power to prevent the booster pump creating a vacuum in the lines.**

Note: The XL1 **WILL NOT** chill or heat water until the water in the ambient tank has reached the float valve, meaning all tanks have filled to capacity. This can take up to 1 hour depending on supply flow and pressure.

8. **Test Water Temperatures and Flow.** After an hour, dispense hot and cold water. Ensure all functions operate properly. (User will not be able to dispense until the unit has been commissioned, which is outlined on the next page.