LAVIT

Lavit POU Installation Rev B

Required Materials and Tools

Lavit ECO3 Filter Kit
¼" NSF approved water tubing
40 psi pressure reducing valve (¼" quick connect fittings recommended)
¼' In line check valve
¼" Shut off valve
Tubing cutter
It is the responsibility if the installer to follow all local codes

Dispensers in a POU installation must be connected to a known potable water supply. It is recommended that the power cord be connected to a GFCI outlet.

Installation Instructions

1. Ensure that the minimum water inlet pressure from the mains supply is 28 psi. Connect to the water supply using a standard three way valve connected to an under sink cold water shut off valve or connect in another acceptable manner to allow for ¼" water tubing to be connected. Run the tubing to the dispenser so that there is enough excess tubing to allow movement of the dispenser for service in place.

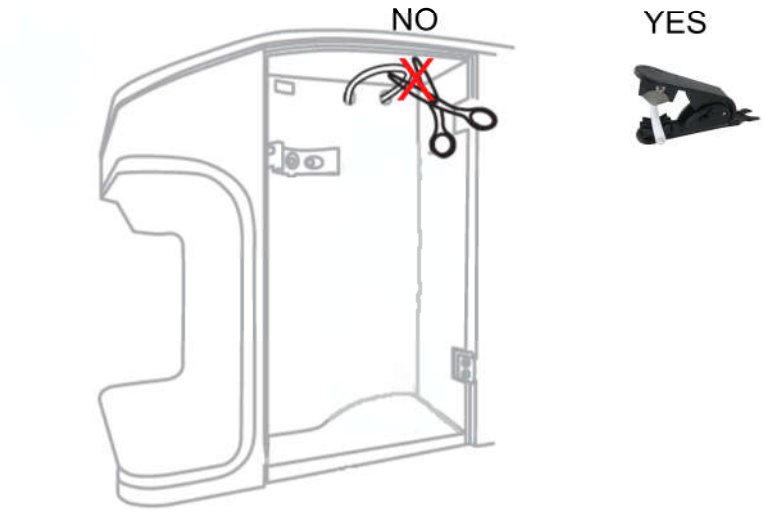
2. Properly secure the tubing with appropriate fasteners to minimize the possibility of the tubing being pulled off the mains connection and to provide an aesthetic installation for the customer.

3. Install the 40 psi pressure reducing valve, the in line check valve, and the shut off valve on the water inlet tubing. From the mains connection it is recommended that the sequence is the PRV followed by the check valve and then the shut off valve. As an option a second shut off valve can be installed prior to the PRV to allow the removal of all downstream components.

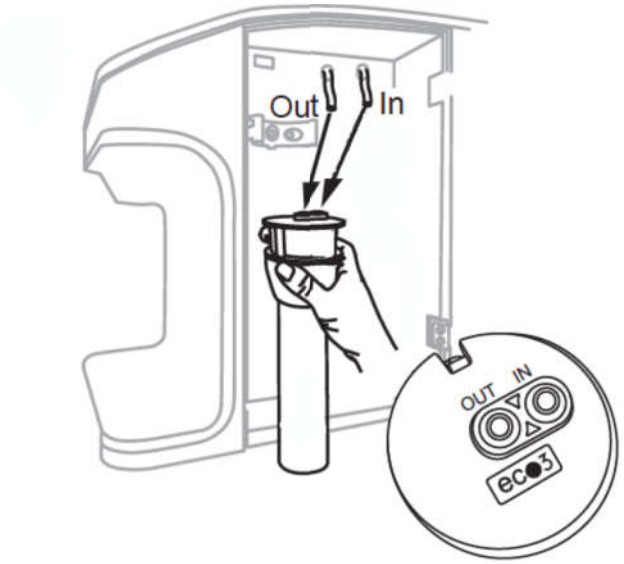
4. Flush the Lavit ECO3 filter outside of the dispenser to ensure no carbon fines can enter the dispenser.

5. Attached the supplied filter mounting bracket in the side compartment. Connection points are molded into the side wall.

6. Locate the water pipe that is looped inside the side compartment. Cut the loop.



7. Place the two ends of the pipe into the in and out push fits on the Lavit ECO3 filter. The right side of loop is water in. Mount the filter into the mounting saddle.

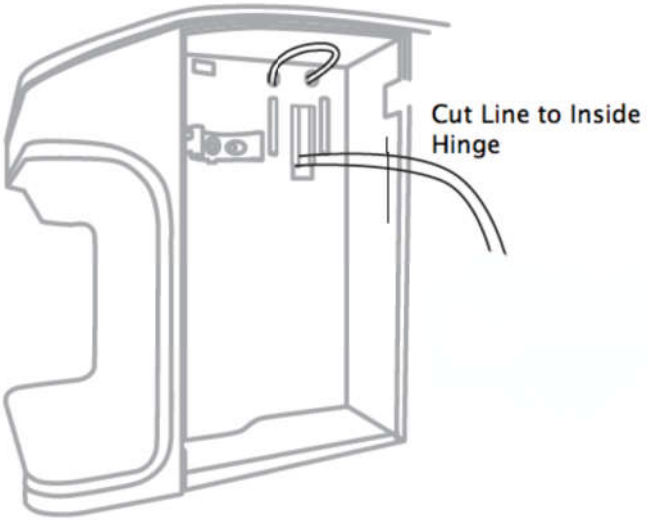


8. Before connecting the water supply to the dispenser, flush the water supply to waste, and if the water is running clear, connect the water supply to the rear of the dispenser.

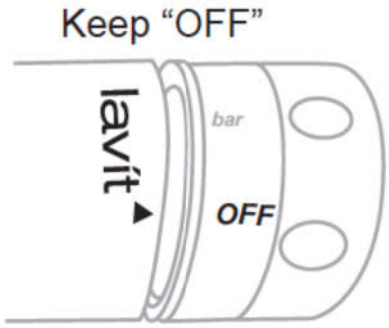
9. **IN ANY KNOWN AREA WITH HIGH SEDIMENT WATER, A PRE-SEDIMENT FILTER SHOULD BE INSTALLED BEFORE THE DISPENSER.**

10. Ensure that the Power Switch is in the OFF position (bottom in). Connect the power cord.

11. Locate the CO_2 inlet pressure line inside the side compartment. Extend the line away from the dispenser and trim the line using a tubing cutter so that the final length of the tube extends to the inside of the door hinge.



12. Connect the supplied CO_2 pressure regulator to the inlet tubing. Ensure that the regulator is fully off by turning the knob fully counterclockwise.



13. Screw the supplied 1.5 pound CO_2 cylinder onto the regulator. **DO NOT TURN THE GAS PRESSURE ON AT THIS POINT**. Place the cylinder in the side compartment ensuring the side door properly closes.

14. Turn on the water supply. Turn the power switch to ON at the rear of the dispenser.

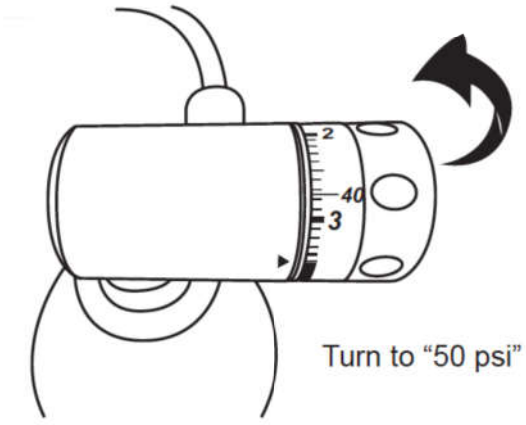
	**The dispenser is now "live" and proper safety precautions should be followed if any panels are removed from the unit.**

15. The dispenser will self-check on every power up and if OK will go to the LCD home screen and the Lavit Button halo will be red.

16. **TO FILL THE DISPENSER WITH WATER, PUSH THE LAVIT BUTTON AND THE DISPENSER WILL START TO FILL.** The screen will display a WATER TANK FILLING SCREEN.

17. When the water tanks are half filled, the compressor will turn on and start to chill. The soda pump will also turn on when the water tank is half full. The HOME screen will appear.

18. When the HOME screen appears turn the CO_2 gas pressure on. **SET THE REGULATOR TO 3.5 BAR OF PRESSURE BY ROTATING THE KNOB CLOCKWISE. 3.5 BAR OF PRESSURE (50 PSI) IS INDICATED AT THE BEGINNING OF THE RED SCALE ON THE REGULATOR.** The soda tank will fill with CO_2 gas.



19. Purge any air from the system by toggling the CO_2 Purge Valve located in the rear of the unit. Purge gas about 3 times for 2 seconds each time.

20. If the water tanks do not fill within 5 minutes the water inlet valve will automatically close. This feature is a safety feature that prevents the continuous running of water in the case of a water leak. An error screen

indicating a possible leak will be displayed. To clear the dispenser of this condition turn the power off and then back on.

21. Push the Lavit Button again and the tanks will then automatically fill to capacity and shut off and the Lavit button halo will be blue.

22. While the water tanks are filling and the compressor is chilling the water, set the current date and time by pressing the gear shaped Service Icon on the lower left of the HOME screen.

23. From the Date/Time Screen, enter the Service Menu by pressing the Service Setup icon.

24. From the Service Menu select and make the following choices:

    Enter MAX TEMP and DISABLE (when disabled the icon will read "Enable").

    Set the Filter Timer to ENABLE (when enabled the icon will read "Disable") and reset the timer if the filter life is to be tracked by the unit. The filter icon on the HOME screen will change to RED when enabled and six months have passed.

    Enable or Disable Sleep Mode.

    Select WATER SETUP and display the water calibration screen. Calibrate the three water streams (mix, still and sparkling) by following the Water Calibration Procedure, Technical Bulletin 150901, or the calibration procedure in the Service Manual.

25. After completing the water calibration return to the HOME screen by pressing the Return Arrow in the upper left of the touchscreen to back out of all service screens.

26. Check for CO_2 leaks, check for water leaks.

27. The dispenser should now be ready to use after the dispenser reaches temperature. The first cooling cycle will take approximately 70 minutes.

28. Enable and set the MAX TEMP if so desired to ensure that every beverage is served chilled. It is recommended that this feature is Disabled unless a user has asked for colder beverages.