
[Guide] Standup 2.0 - New Backflow Preventer Installation

Overview

This guide will walk through the steps to remove the backflow preventer from a Bevi Standup 2.0, and install an updated version of the backflow preventer.

- *Previous versions of the backflow preventer were non-vented and compliant to ASSE 1032. The updated part includes a vent, and is compliant to ASSE 1022.*
- *The updated backflow preventer is located in the same place as the old part, and should not change the routing or functionality of the water path in the machine.*

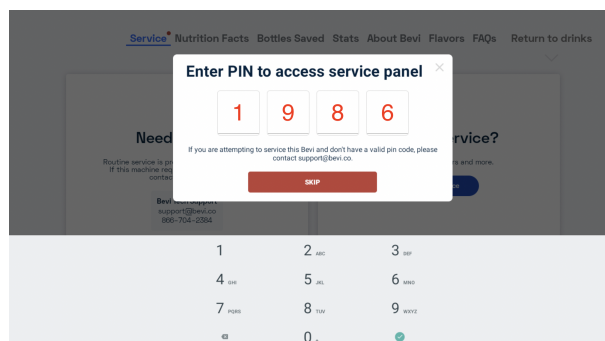


Required Tools & Materials

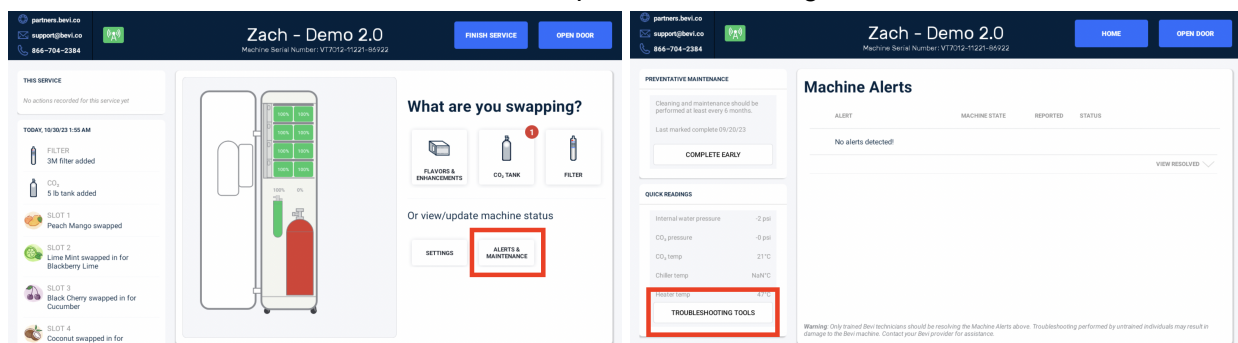
- *New Backflow Preventer (FRU Part Number #720-0253)*
- *#2 Philips Screwdriver*
- *Small collapsible bucket*
- *Zip ties*

Task 1: Access the Service Panel

1. Tap the Service icon in the upper left corner of the main dispense screen (gear/wrench).
2. If on another screen, select the “Service” tab.
3. Tap the “Start Service” button.
4. Enter the PIN (**1986**) to access the service panel. The door should automatically open. If it doesn’t, press the “Open Door” button.

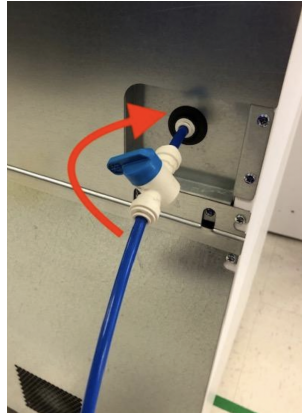


5. In the lower right side of the screen, tap “Alerts and Maintenance”.
6. In the lower left side of the screen, tap “Troubleshooting Tools”



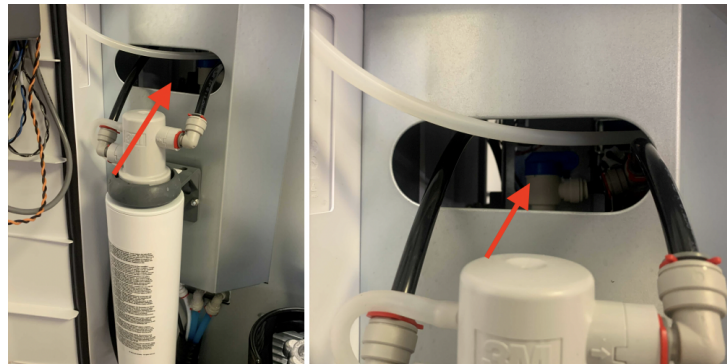
Task 2: Depressurize the water system

1. Turn off the water supply to the Bevi (back of the machine).

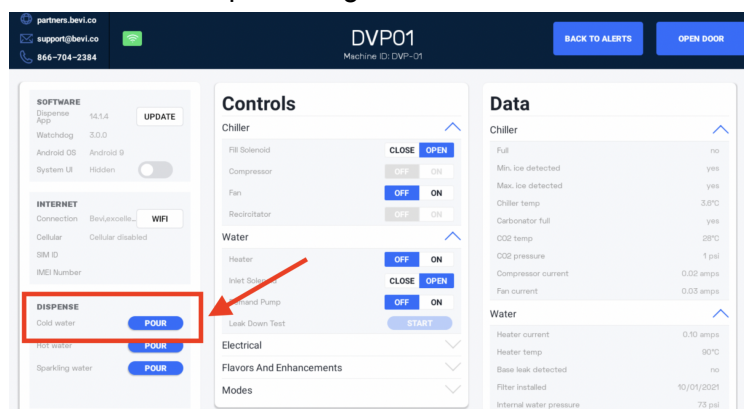


2. Close the buffer tank.

- The buffer tank valve can be accessed through the opening above the filter, from the front when the door is open.
- Turn the valve clockwise to close the buffer tank.

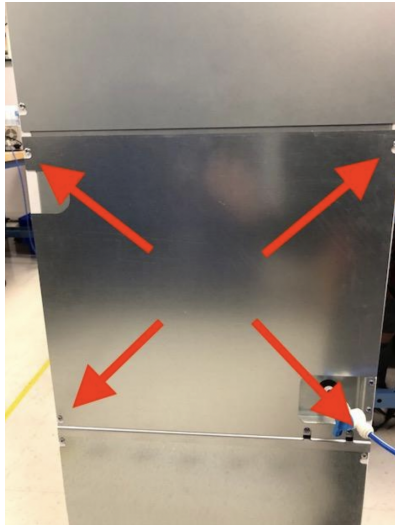


3. Place a container or small bucket under the dispense nozzle.
4. From the Troubleshooting Tools menu, pour cold water to depressurize the water system.
 - Press and hold the “Pour” button for cold water in the lower left corner of the screen until water stops flowing.

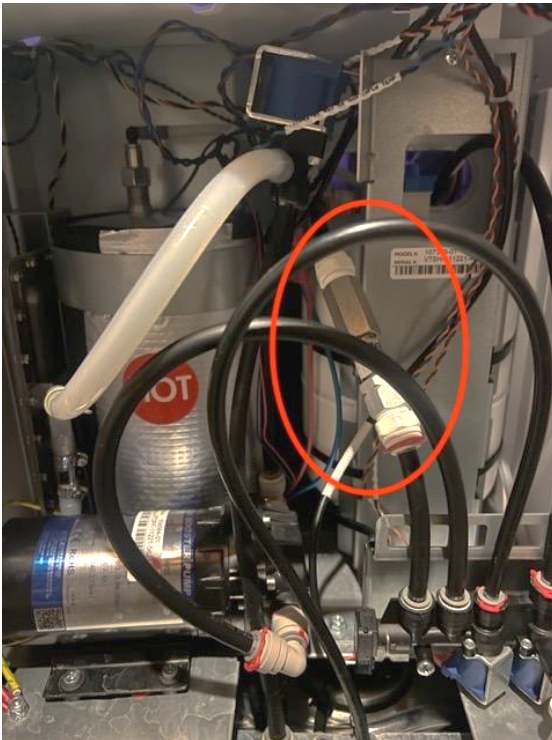


Task 3: Remove the old backflow preventer

1. Remove the center panel from the back of the Bevi.
 - Loosen the 4 screws in the corners of the panel.
 - Lift the panel off of the mounting hardware and set the panel aside.



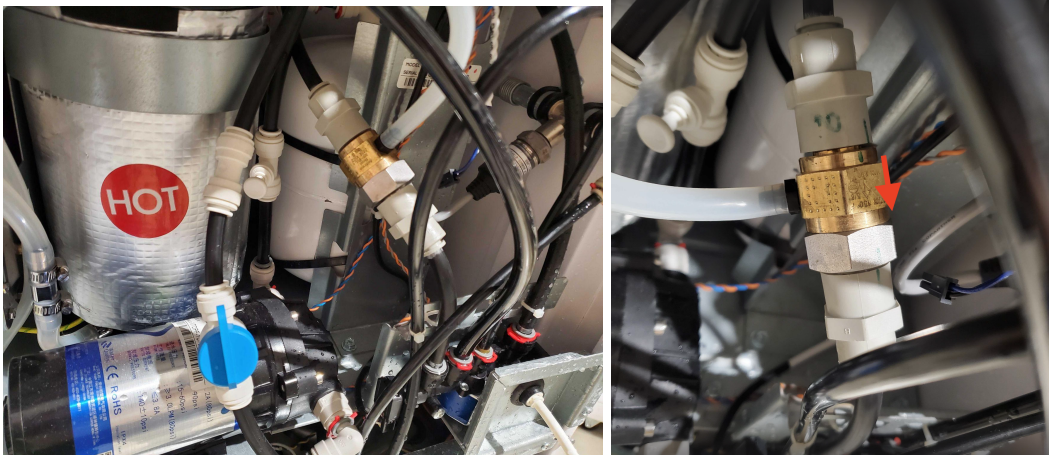
2. Locate the backflow preventer.
 - The backflow preventer is located between the buffer tank and manifold 1
3. Remove the red locking clips and disconnect the $\frac{3}{8}$ " tubing from both ends of the backflow preventer.
4. Remove the backflow preventer from the Bevi.



Task 4: Install the new backflow preventer

1. Install the new backflow preventer in the same location as the old part.
2. Reconnect the two $\frac{3}{8}$ " tubes to the input and output of the backflow preventer.
 - Ensure the tubing is fully seated into the push to connect fittings
 - Reinstall the red locking clips.

NOTE: The backflow preventer is directional. There is an arrow indicating the flow direction on the brass fitting in the center of the backflow preventer.

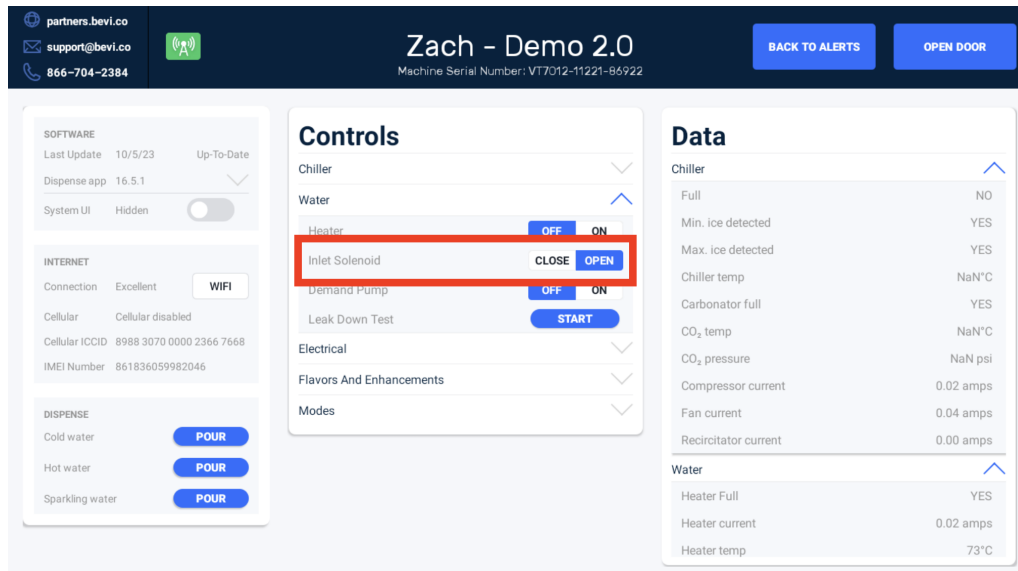


3. Route the vent tube over to the left side of the plumbing shelf.
 - The vent tube will tuck down past the plumbing shelf along the left side of the machine, below the heater.
 - Run the vent tube down to drain into the base.
 - i. If there is a failure that causes the backflow preventer to vent water, it will run down and be captured at the base of the Bevi.
 - Secure the backflow preventer's vent tube to the hot water tube with a zip tie.



Task 5: Refill the water system

1. Turn on the supply water
2. Open the buffer tank.
 - Rotate the buffer tank valve $\frac{1}{4}$ turn counter clockwise to open.
3. From the “Troubleshooting Tools” menu, open the inlet solenoid.
 - Under “Controls” in the Water section, tap “Open” for the Inlet Solenoid.
 - This will allow water to flow into the machine and pressurize the tubing.



4. Inspect the plumbing shelf for any leaks.
5. From the Troubleshooting Tools screen, pour cold for at least 30 seconds to remove any air that made it into the system. If water is cloudy or spurts, continue to dispense still until it is clear.
6. Confirm the full function of the machine by testing sparkling, hot and other water types.
7. If the machine is functioning properly, reinstall the back panel and exit Troubleshooting Tools.
 - At the top left of the screen, tap “Back To Alerts” > “Home” > “Finish Service”

If you have any questions or need additional assistance, please contact Bevi Support at support@bevi.co or 1-866-704-2384