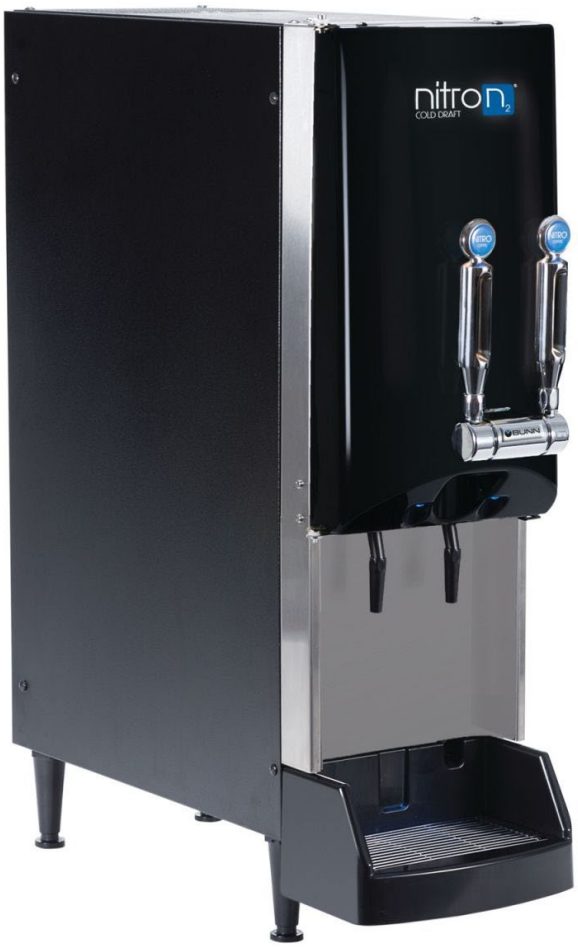


Bunn Nitron

Lavazza Ambient Cold Brew 7:1 Changes

Purpose:

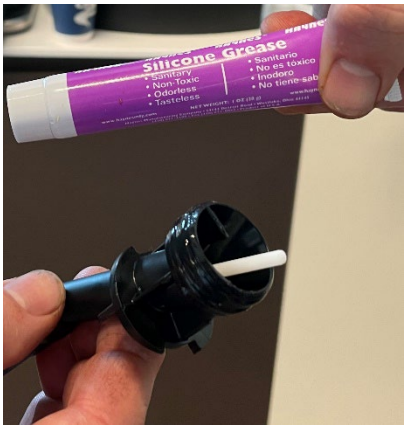
Lavazza is changing the cold brew formula from the existing 5 to 1 refrigerated concentrate to a 7 to 1 ambient concentrate. This ratio change requires adjustments to the Bunn Nitron Cold Brew machine. Please follow the instructions below to make these changes. If you have any issues or technical questions, please call 1-888-952-8299.

Tools Needed:

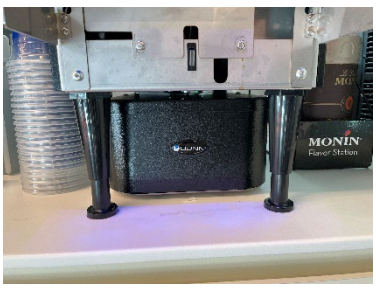
- 250mL plastic graduated cylinder or ounces measuring cup.
    - Link to Purchase on Amazon
- Straight Blade Screwdriver

Instructions:

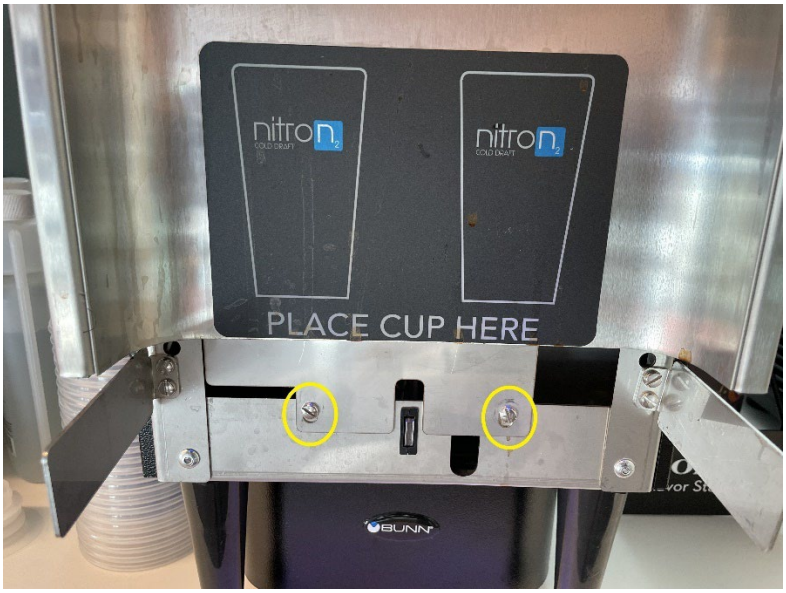
1. Remove the cold brew and nitrogen spouts by turning them clockwise and then pulling down. Confirm that the white nitrogen agitator is present in the left-side spout and be sure to clean the agitator (please see picture below). Clean the right-side cold brew spout. Using the food grade lubricant provided on the inside of the door, lubricate the seals of the spouts, and reinstall them on the machine.



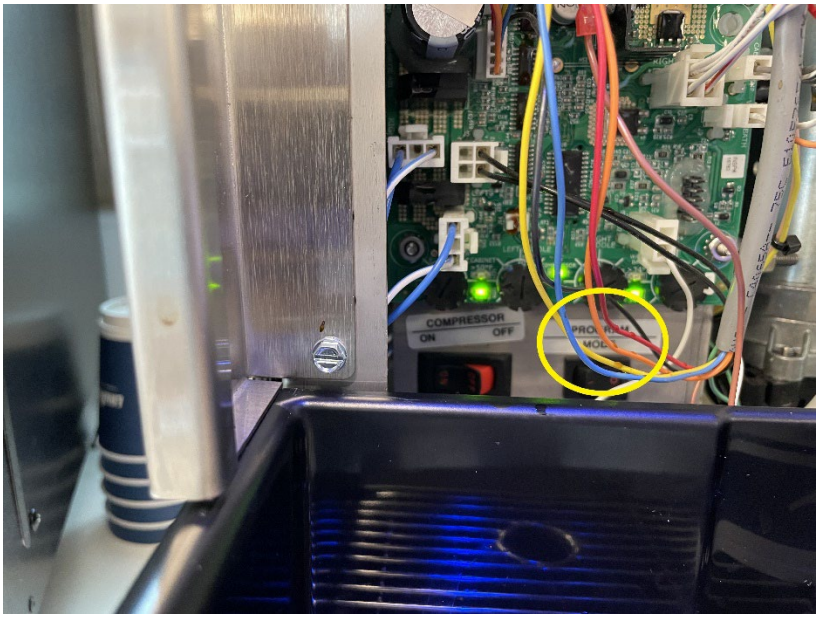
2. Unplug the Nitrogen module (usually located underneath of the cold brew machine).



3. Remove the drip tray and remove the two straight blade screws (circled in yellow in the picture below). Once the screws are removed, pull out and down on the cover exposing the circuit board.



4. Place the machine in programming mode using the switch in the bottom middle as shown in the picture below.

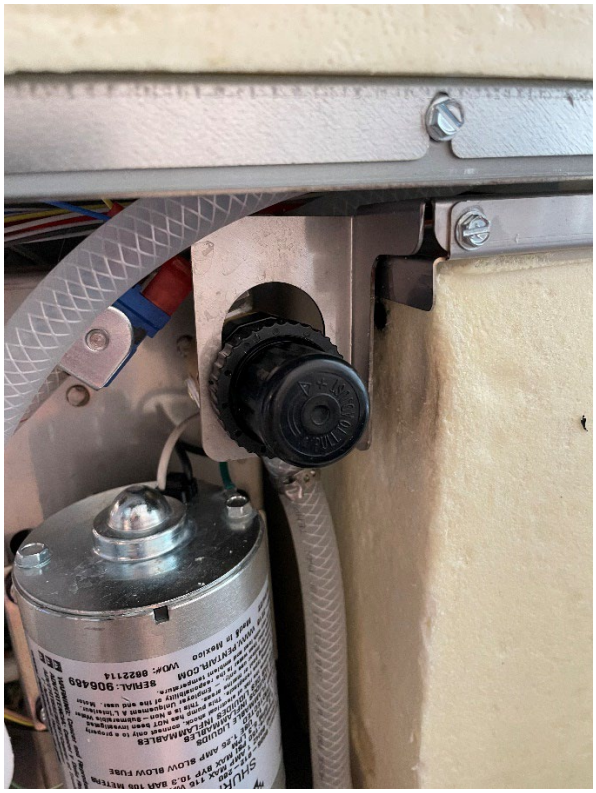


5. Place your graduated cylinder underneath the nitrogen spout (left side spout) and pull the nitrogen handle (left side handle) **3 times relatively quickly.** You should hear a beep each time you pull the handle, and a measurement of water will dispense into your measuring cup. **Dispose of the first sample and repeat (the second time, there should be no product present, just water).**

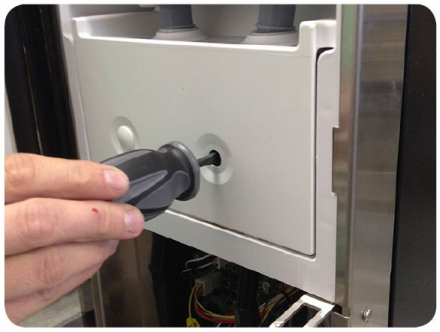
6. On the nitrogen side (left side), you should receive 133mL or 4 ½ ounces. If you received the correct amount, **move on to step 8**. If your measurement was low or high move on to step 7

(From the factory, the water regulator located behind the right-side panel is set to this measurement. In most cases, unless this was tampered with, step 7 should not be needed)

7. If your volume was low or high, remove the 4 screws in the corners of the right-side panel and remove the panel. Locate the water volume regulator in the middle of the right-side. Pull knob slightly to unlock adjustment. In quarter turn increments, turn clockwise to increase, and counterclockwise to decrease volume. Do a volume test (step 5) after the adjustment, **and always remember to dispose of the first sample.** After proper volume is achieved, push knob back into place to lock position.



8. With the nitrogen side (left side) volume set at 133mL or 4 ½ ounces, now perform the same volume test (step 5) on the cold brew (right side). **Remember to dispose of your first sample. This sample should also be around 133mL or 4 ½ ounces.** If it is low or high, open the door to the machine and locate the cold brew flow regulating screw, as seen in the picture below.

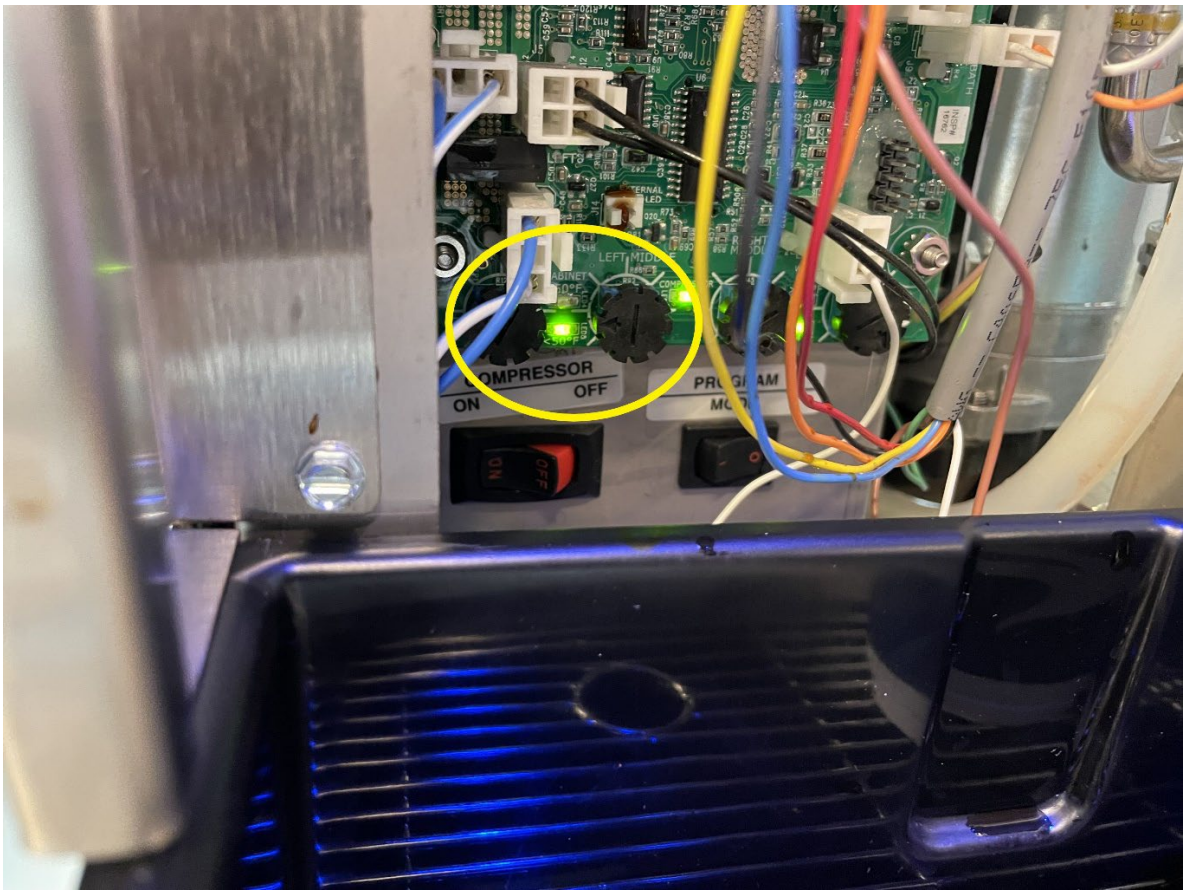


Adjusting Water Flow
Using Flat Blade Screwdriver

Turning the screw in (clockwise) will decrease volume. Turning the screw out (counterclockwise) will increase volume. **Try to achieve a volume as close as possible to 133mL or 4 ½. It is ok to have a volume on the cold brew (right side) between 127 mL to 139 mL, as the product chart in step 11 allows for some variation.**

9. Open the door to the machine and install your new 7 to 1 ambient cold brew bib.

10. Locate the four potentiometers (4 circular adjustment dials located above the programming and compressor switch). We will only be using the two wheels on the left as shown in the picture. **The far left is the concentrate adjustment wheel for the Nitro side (left side) and the one next to it is for the concentrate adjustment for the cold brew side (right side). Each wheel has an arrow on it. Begin by setting the two adjustment dials arrows to the 10 o'clock position.**



11. While still in programming mode, place your graduated cylinder underneath of the nitrogen spout (left side spout) and pull the nitrogen handle (left side handle) **6 times relatively quickly.** You should hear a beep each time you pull the handle. A measurement of product will dispense into your measuring cup. **Dispose of the first sample and repeat (the second time, there should be no water, just concentrate). Use the below chart to compare the amount of concentrate that should be dispensed vs. the amount of water being dispensed.**

Ratio Target 3 sec. water dispense in milliliters	4+1	5+1	6+1	7+1	8+1	9+1	10+1	11+1	12+1
127	31.8	25.4	21.2	18.1	15.9	14.1	12.7	11.5	10.6
130	32.5	26.0	21.7	18.6	16.3	14.4	13.0	11.8	10.8
133	33.3	26.6	22.2	19.0	16.6	14.8	13.3	12.1	11.1
136	34.0	27.2	22.7	19.4	17.0	15.1	13.6	12.4	11.3
139	34.8	27.8	23.2	19.9	17.4	15.4	13.9	12.6	11.6

For example, if your water volume for that tap was at 130mL, then the amount of product being dispensed in step 11 should be 18.6mL. If the volume of concentrate is high, adjust that potentiometer slightly counterclockwise and retest the volume. If low, turn slightly clockwise and retest volume. Once you have the nitro side (left tap) set properly. Repeat this step for the cold brew side (right tap).

12. Take the machine out of programming mode via the switch underneath of the control board. Re-plug in the nitrogen generator and taste the product to ensure that it is correct.

13. Replace the front cover, re-install the two screws, and replace the drip tray. The Bunn Nitron is now ready for use with the 7 to 1 product.

If you have any issues, please contact Lavazza Technical Services at 1-888-952-8299. Or go to https://lavazzatechservices.com/lavazza-cold-brew-launch for information and how-to-videos.