

Adjusting the Co2 pressure to change over run

- 1) Place the barrel you would like to change the flavor on through 2 defrost cycles.
 - a. Select off for the barrel you are working on.
 - b. Select Defrost; the manual defrost cycle takes 4 minutes. After the first defrost cycle finishes, hit defrost one more time to ensure the product is in a liquid state.
- 2) Purge the product from the barrel – When you activate Purge it will cut off the fill process for that barrel.
 - a. Enter the menu, enter the maint option, enter the barrel maintenance, highlight the barrel you would like to purge and select purge. Once the product is purged, turn purge option off. (you won't be able to remove all of the product, the product that is below the dispense point of the valve you will have to remove manually by removing the faceplate)
 - b. Select Stop to stop the purge process. Once you stop the purge process, actuate the dispense valve to remove the pressure in the barrel.
- 3) Remove the splash panel – located below the dispense nozzles.
- 4) Adjust the Co2 regulators to desired setting - Make sure that there is no pressure in the barrels when making the adjustment.
 - a. Turn the Co2 regulator to 0psi and slowly re-engage to desired setting
- 5) Checking the Brix - you will need a Refractometer
 - a. Make sure you calibrate your refractometer before each unit to ensure it is zeroed out. Run it under cold plain water and it should read 0.
 - b. Enter the menu, enter the maint option and enter brix set up
 - c. Highlight the barrel you are working on and select brix, once you hit brix it will dispense product out of the sample tube for 3-4 seconds (it stops dispensing on its own)
 - d. Discard three samples and collect a fourth to take a reading. A standard brix setting is 13 +/- 1 but may change based on the syrup manufacturer.
- 6) Adjusting and setting the brix – You will need a Refractometer.
 - a. If you need to make adjustments to your brix you will adjust your syrup flow control; CW to increase your flow and CCW to decrease your flow.
 - b. Discard 3 samples after each adjustment to let the adjustment take effect. Check your reading on the fourth sample looking for 13 +/-1.
 - c. Flush the sample tube with water by manually activating the water solenoid plunger the same way you did to purge the syrup line.
- 7) Filling the barrel
 - a. Enter the menu, select maint, select barrel maintenance, highlight the barrel you are working on, select fill. Let the barrel fill, as it stops filling relieve the pressure slowly using the relief valve on the faceplate, release the relief valve as it starts to fill and continue until the barrel is filled to a ½" below the top of the barrel. Once complete, hit stop.
- 8) Calibrate the motor – only on fresh fill
 - a. Enter the menu, select maint, select motor set up, highlight the barrel you are working on and select cal. Let the barrel calibrate itself, this process will take 5 minutes
- 9) Freeze down – main screen and turn on.