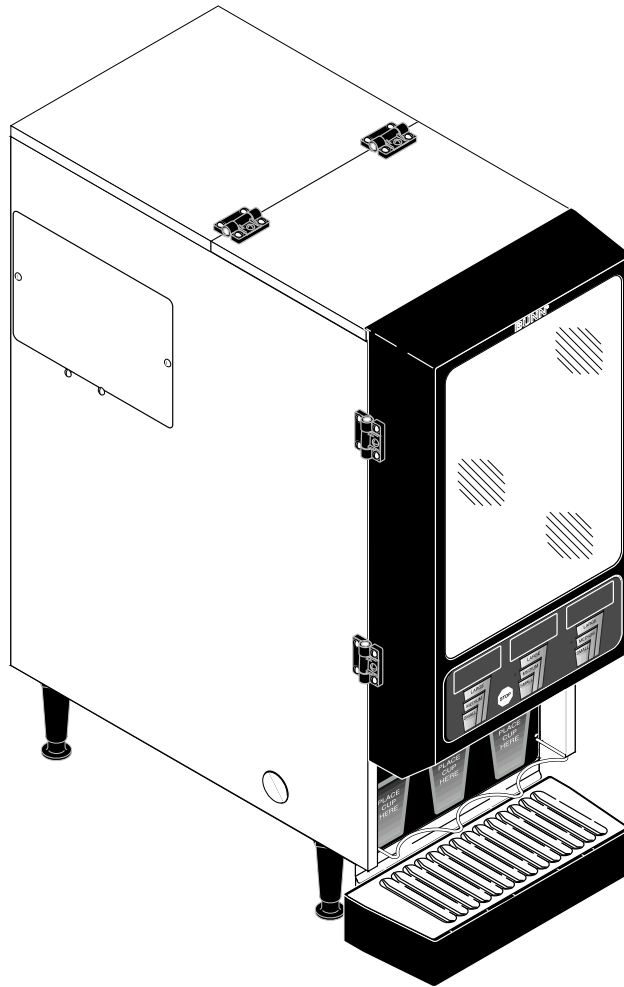


BUNN®

FMD DBC-3 4-CUP



OPERATING & SERVICE MANUAL ADDENDUM

**BUNN-O-MATIC CORPORATION OF
CANADA LTD.**

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DISPENSER USE

1. Simply place a cup on the drip tray beneath the desired dispensing tip.
2. To select a mocha dispense, momentarily press the “MOCHA” switch at the appropriate position. Note that the “MOCHA” lights when mocha is selected.
For non-mocha, dispenses, skip to step 3.
3. Momentarily press the appropriate dispense switch to froth and dispense the beverage. The dispenser will automatically dispense the beverage for the programmed dispense time at the programmed hopper dispense rate. The dispenser is factory preset to produce the approximate dispense sizes as follows:
 - S (8 seconds): approximately 8 fluid ounces of beverage.
 - M (10 seconds): approximately 10 fluid ounces of beverage.
 - L (14 seconds): approximately 14 fluid ounces of beverage.
 - XL (20 seconds): approximately 20 fluid ounces of beverage.

With the “MOCHA” selected the dispenser produces the following dispense sizes:

- S (4 seconds): approximately 4 fluid ounces of beverage.
 - M (5 seconds): approximately 5 fluid ounces of beverage.
 - L (7 seconds): approximately 7 fluid ounces of beverage.
 - XL (10 seconds): approximately 10 fluid ounces of beverage.
4. To stop a timed dispense, press the stop switch or any of the switches on the position that is running.

Note - The mixing chamber must drain at the end of each dispense.

The dispense times can be individually programmed by following the procedures described in Programming Modes.

PROGRAMMING MODES

1. Enter / Exit:
 - a. To enter the program mode, simultaneously press and hold the “M” and “L” switches for 5 seconds, on the position to be programmed. The L.E.D. will flash indicating the program mode.
 - b. To exit the program mode, press a switch on any position other than the one being programmed.

Note: The stop switch will not cause exit of program mode since it is used for some programming operations.

If in the program mode for more than 25 seconds and no switches have been pressed, the program mode is automatically exited.

2. Dispense Run Time:
 - a. Enter the program mode on the position you want to program (see step 1.a.)
 - b. Place the “Rinse/Run” switch in the “Run” position.
 - c. To select a mocha dispense, momentarily press the “MOCHA” switch at the appropriate position. Note that the “MOCHA” LED lights when mocha is selected. For non-mocha dispenses, skip to step 2.d.
 - d. Press and hold the cup size to be programmed.
 - e. When the desired amount is reached, release the switch, the time is recorded in memory.
To set the time to non-timed dispense, just momentarily press the position switch. This actually sets in a very short timed dispense.
 - f. Repeat for remaining cup sizes if desired.
 - g. Exit the programming mode (see step 1.b.)

3. Increasing / Decreasing the Hopper Dispense Rate:
 - a. Enter the program mode on the position you want to program (see step 1.a.)
 - b. Place the Rinse/Run switch in the “Rinse” position.
 - c. Press and hold down on the stop switch and press the “S” switch to decrease the dispense rate or press the “XL” switch to increase the dispense rate. Each time the button is pressed, the dispense rate will increase/decrease by approximately 2 $\frac{1}{2}$ %. Each time the “S” or “XL” switch is pressed, the L.E.D. on that position will flash on and off to indicate the switch was recognized. When the maximum or minimum level is reached all 3 position L.E.D.’s will flash rapidly.
 - d. To return the dispense rate to the factory preset, press and hold down stop switch and press either the “M” or “L” switch. When the switch is pressed, the L.E.D. on that position will flash on and off to indicate the switch was recognized.
 - e. Return the Rinse/Run switch to the “Run” position.
 - f. Exit the programming mode (see step 1.b.)

4. Making Common Timed Dispenses: Once a position has been programmed to the proper dispense times, you can make all 3 positions the same, as follows:
 - a. Place the Rinse/Run switch in the “Run” position.
 - b. Enter the program mode on the position you want all others to be like (see step 1.a.)
 - c. Press and hold the Stop switch for 10 seconds.
 - d. After the 10 second period, all 3 position L.E.D.’s will come on solid indicating the task is complete. The program mode is exited when the Stop switch is released.

5. Running Hopper Throw Test: The hopper throw can be checked by automatically running the hopper motor as follows:
 - a. Remove the steam collector and mixing chamber from under the hopper to be checked.
 - b. Position a small cup under the hopper outlet.
 - c. Enter the program mode on the position you want to check (see step 1.a.)
 - d. Place the Rinse/Run switch in the “Run” position.
 - e. To select a mocha dispense, momentarily press the “MOCHA” switch at the appropriate position. Note that the “MOCHA” LED lights when mocha is selected. For non-mocha dispenses, skip to step 5.f.
 - f. Press and hold the stop switch down and press the appropriate cup size switch. The hopper will run for the programmed timed dispense period at the programmed dispense rate.
 - g. Remove the cup and weigh the dispensed product.
 - h. Exit the programming mode (see step 1.b.)
 - i. Replace the mixing chamber and steam collector.

6. Making Common Dispense Rates: Once a position has been programmed to the proper hopper dispense rate, you can make all 3 positions approximately the same, as follows:
 - a. Place the Rinse/Run switch in the “Rinse” position.
 - b. Enter the program mode on the position you want all others to be like (see step 1.a.)
 - c. Press and hold the Stop switch for 10 seconds.
 - d. After the 10 second period, all 3 position L.E.D.’s will come on solid indicating the task is complete. The program mode is exited when the Stop switch is released.
 - e. Return the Rinse/Run switch to the “Run” position.

7. **Password:** The password is to be used to prevent unauthorized entering of the program modes. The password is preset at the factory to 0 (no password.)
 - a. To enter the password programming, press and hold any two dispense size switches on any one of the positions for 10 seconds. All 3 position L.E.D.'s will begin flashing indicating that the dispenser is ready to accept a new password.
 - b. When the switches are released the 3 L.E.D.'s will stop flashing. At this time press the Stop switch the number of times that is the password (For example: If you press the Stop switch 5 times, you will then have to press the Stop switch 5 times before you will be able to enter the program mode the next time.)
 - c. 5 seconds after the Stop switch is pressed for the last time, the password is recorded in memory. As a verification of the password, when the 5 seconds is up, the 3 L.E.D.'s will flash the password. (For example: If the password is 5, when the exit of the password occurs, the L.E.D. will flash 5 times.)
 - d. Thereafter, the Stop switch needs to be pressed the password number of times before the program mode can be entered.

NOTE: After 5 seconds of pressing the Stop switch for the final time, the password counter is reset to 0. So if the password is mis-entered, wait 5 seconds before trying again.

- e. To reset the password to 0 (no password,) enter the old password, then press and hold any two dispense size switches on any one of the positions for 10 seconds. All 3 position L.E.D.'s will begin flashing indicating that the dispenser is ready to accept a new password. Then just wait 5 seconds without pressing the Stop switch.

NOTE: There will be no indication when the 5 seconds are up and the password is reset to 0.

RE-INITIALIZE TO FACTORY DEFAULTS

This resets all dispense time settings and hopper throw rates to the factory defaults, and resets the password to 0 (no password.)

1. Disconnect the dispenser from the power source.
2. Place the Rinse/Run switch in the "Run" position.
3. Press and hold the left Mocha, center Mocha, and the Stop switches at the same time.
4. While holding the switches, connect the dispenser to the power source (this is intended to be difficult.) The switches must be held for about 5 seconds. When the task is completed, the left, center and right L.E.D.'s flash until the switches are released.
5. Wait an additional 10 seconds before operating the dispenser.

CLEANING

Refer to the decal inside the hopper access door for cleaning recommendations and procedures.

The use of a damp cloth rinsed in any mild, nonabrasive, liquid detergent is recommended for cleaning all surfaces on Bunn-O-Matic equipment.

ADJUSTMENTS

The hot beverage solenoids are preset to dispense approximately $\frac{9}{10}$ ounce per second. This amount can be adjusted:

1. Disconnect the dispenser from the power source.
2. Remove the small left side access panel.
3. Rotate the control at the base of the desired solenoid(s) clockwise to decrease or counterclockwise to increase the amount of water.