

BUNN®

SURE TAMP AUTO



INSTALLATION & OPERATING GUIDE

BUNN-O-MATIC CORPORATION

POST OFFICE BOX 3227

SPRINGFIELD, ILLINOIS 62708-3227

PHONE: (217) 529-6601 FAX: (217) 529-6644

<http://www.bunn.com/espresso/index.html>



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DIR Num: 49985.0000

17, September 2014

Bunn-O-Matic® COMMERCIAL PRODUCT WARRANTY

Bunn-O-Matic Corp. ("BUNN") warrants the BUNN Espresso®, Espresso Systems as further described below for a warranty period of 1 year parts and labor.

These warranty periods run from the date of installation. BUNN warrants that the equipment manufactured by it will be commercially free of defects in material and workmanship existing at the time of manufacture and appearing within the applicable warranty period. This warranty does not apply to any equipment, component or part that was not manufactured by BUNN or that, in BUNN's judgment, has been affected by misuse, neglect, alteration, improper installation or operation, improper maintenance or repair, non periodic cleaning and descaling, equipment failures related to poor water quality, damage or casualty. This warranty is conditioned on the Buyer 1) giving BUNN prompt notice of any claim to be made under this warranty by telephone at (217) 529-6601 or by writing to Post Office Box 3227, Springfield, Illinois 62708-3227; 2) if requested by BUNN, shipping the defective equipment prepaid to an authorized BUNN service location; and 3) receiving prior authorization from BUNN that the defective equipment is under warranty. Additionally, the following is excluded from the warranty period:

Warranty Exclusions:

- Parts such as, but not limited to, hoppers and lids, drip trays, steam wand sheaths, and plastic parts damaged due to improper handling or cleaning agents.
- Replacement of wear items such as, but not limited to, O-rings, gaskets, silicone tubes, hoses, and valve seats.
- Repairs made necessary due to poor water quality such as dispense valves, water inlet valves, scaling in the steam or hot water boilers. (Total Hardness recommended range of 4-7 gpg constant).
- Improper voltage. (See equipment operations manual for voltage specifications).
- Failure to use BUNN approved cleaning supplies constitutes improper maintenance.
- Failure to have required preventive maintenance performed by BUNN technician or authorized espresso service provider.
- Parts replaced under the terms of this warranty carry the remainder on the machine's parts warranty term, or 60 days, whichever is greater.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IS IN LIEU OF ANY OTHER WARRANTY, WRITTEN OR ORAL, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF EITHER MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. The agents, dealers or employees of BUNN are not authorized to make modifications to this warranty or to make additional warranties that are binding on BUNN. Accordingly, statements by such individuals, whether oral or written, do not constitute warranties and should not be relied upon. If BUNN determines in its sole discretion that the equipment does not conform to the warranty, BUNN, at its exclusive option while the equipment is under warranty, shall either 1) provide at no charge replacement parts and/or labor (during the applicable parts and labor warranty periods specified above) to repair the defective components, provided that this repair is done by a BUNN Authorized Service Representative; or 2) shall replace the equipment or refund the purchase price for the equipment.

THE BUYER'S REMEDY AGAINST BUNN FOR THE BREACH OF ANY OBLIGATION ARISING OUT OF THE SALE OF THIS EQUIPMENT, WHETHER DERIVED FROM WARRANTY OR OTHERWISE, SHALL BE LIMITED, AT BUNN'S SOLE OPTION AS SPECIFIED HEREIN, TO REPAIR, REPLACEMENT OR REFUND. In no event shall BUNN be liable for any other damage or loss, including, but not limited to, lost profits, lost sales, loss of use of equipment, claims of Buyer's customers, cost of capital, cost of down time, cost of substitute equipment, facilities or services, or any other special, incidental or consequential damages.

392, A Partner You Can Count On, Air Infusion, AutoPOD, AXIOM, BrewLOGIC, BrewMETER, Brew Better Not Bitter, BrewWISE, BrewWIZARD, BUNN Espresso, BUNN Family Gourmet, BUNN Gourmet, BUNN Pour-O-Matic, BUNN, BUNN with the stylized red line, BUNNlink, Bunn-O-Matic, Bunn-O-Matic, BUNNserve, BUNNSERVE with the stylized wrench design, Cool Froth, DBC, Dr. Brew stylized Dr. design, Dual, Easy Pour, EasyClear, EasyGard, FlavorGard, Gourmet Ice, Gourmet Juice, High Intensity, iMIX, Infusion Series, Intellisteam, My Café, Phase Brew, PowerLogic, Quality Beverage Equipment Worldwide, Respect Earth, Respect Earth with the stylized leaf and coffee cherry design, Safety-Fresh, savemycoffee.com, Scale-Pro, Silver Series, Single, Smart Funnel, Smart Hopper, SmartWAVE, Soft Heat, SplashGard, The Mark of Quality in Beverage Equipment Worldwide, ThermoFresh, Titan, trifecta, TRIFECTA (stylized logo), Velocity Brew, Air Brew, Beverage Bar Creator, Beverage Profit Calculator, Brew better, not bitter., Build-A-Drink, BUNNSource, Coffee At Its Best, Cyclonic Heating System, Daypart, Digital Brewer Control, Element, Milk Texturing Fusion, Nothing Brews Like a BUNN, Picture Prompted Cleaning, Pouring Profits, Signature Series, Sure Tamp, Tea At Its Best, The Horizontal Red Line, Ultra are either trademarks or registered trademarks of Bunn-O-Matic Corporation. The commercial trifecta® brewer housing configuration is a trademark of Bunn-O-Matic Corporation.

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USER NOTICES

Carefully read and follow all notices in this manual and on the equipment. All labels on the equipment should be kept in good condition. Replace any unreadable or damaged labels.



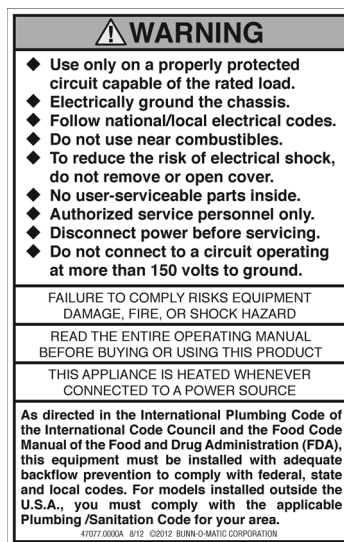
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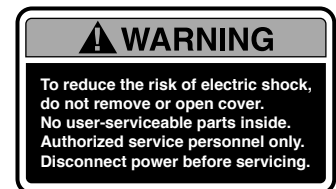
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Warnings

- Unplug the machine or turn off the main switch before servicing the interior components of the machine.
- Never operate the machine without water.
- Never touch brew module, spouts, and hot water dispense pipes. They are HOT and could cause burns.
- The machine must be operated with clean water. Make sure to use water filters and/or softeners as needed.

SITE REQUIREMENTS

Plumbing

1. Quick connect assembly with adapter (supplied).
2. 3/8" NPT fitting on water filter.
3. These brewers must be connected to a cold water system with operating pressure between 20 and 90 psi (0.138 and 0.620 MPa) from a 1/2" or larger supply line. A shut-off valve should be installed in the line before the brewer. Install a regulator in the line when pressure is greater than 90 psi (0.620 MPa) to reduce it to 50 psi (0.345 MPa).
4. Shut off valve should be present between water supply and machine.
5. Vented drain available within 3.3 feet (1 meter) of machine.
6. Flush the water line and securely attach it to the inlet fitting at the rear of the brewer.
7. Turn on the water supply.

NOTE - Bunn-O-Matic recommends 1/4" copper tubing for installations of less than 25 feet and 3/8" for more than 25 feet from the 1/2" water supply line. A tight coil of copper tubing in the water line will facilitate moving the brewer to clean the counter top. Bunn-O-Matic does not recommend the use of a saddle valve to install the brewer. The size and shape of the hole made in the supply line by this type of device may restrict water flow.

Water Treatment

1. No Chlorine.
2. Water Hardness 3 to 6 grains
3. Water Filtration System

NOTE: The water connections are at the lower rear of the machine.

Location of the Serial Number

The serial number is located behind the puck bin on the right wall across from the power switch.

The complete serial number will need to be documented on all work orders and warranty tags.

As directed in the International Plumbing Code of the International Code Council and the Food Code Manual of the Food and Drug Administration (FDA), this equipment must be installed with adequate back flow prevention to comply with federal, state and local codes. For models installed outside the U.S.A., you must comply with the applicable Plumbing /Sanitation Code for your area.



REMOVE/INSTALL PUCK BIN



POWER SWITCH LOCATION

SITE REQUIREMENTS

Site Requirements

1. Counter able to support at least 150 pounds (68kg).
2. Counter area large enough for machine and refrigerator.
3. Minimum clearance of 2" around machine.

Electrical-SureTamp

1. 208VAC, 2 wires with ground.
2. Dedicated 30A circuit with proper breaker and receptacle.
3. Receptacle within 5 feet (1.5 meter) of machine.
4. Power cord with or without plug supplied with machine.

Electrical-refrigerator

1. 120VAC, 2 wires with ground.
2. Dedicated 15A circuit with proper breaker and receptacle.
3. Receptacle within 5 feet (1.5 meter) of machine.
4. Power cord with plug supplied with machine.
5. Requires minimum 2 inches (50mm) in back and top.

WARNING -

The brewer must be disconnected from the power source until specified in Initial Set-Up.
Refer to Data Plate on the Brewer, and local/national electrical codes to determine circuit requirements.

ELECTRICAL REQUIREMENTS

CAUTION – Improper electrical installation will damage electronic components.

1. An electrician must provide electrical service.
2. Determine the available on-site electrical service.
3. Using a voltmeter, check the voltage and color coding of each conductor at the electrical source.
4. If wiring the machine for operation on 208 volts with a power supply cord, the power supply cord must be UL Listed Flexible Cord Type SOO or SOOW, 600V, No. 10 AWG, 3 Conductor, Rated 90°C minimum. Attachment Plug Cap must be UL Listed, NEMA 6-30P or L6-30P Configuration. Rated 250V, 30 AMPS. The Power supply Cord must be at least 3 feet long and maximum 6 feet long (measured from strain relief to end of the attached Plug Cap).

INSTALLATION-SURETAMP

Drain Install

1. Install drip tray bracket with 3 screws (included in bag).
1. Attach the short drain hose to the drip tray fitting.
2. Slide drip tray onto guide rails on front of machine.
3. Attach other end of drain hose to manifold as shown.
4. Attach long drain hose to back of manifold and route to floor drain or sink, flowing downhill at all times.
5. Secure hose above the drain to maintain the air gap.

Water Supply Install

1. Ensure water is turned off.
2. Install the water filtration system between the water supply and the machine inlet per manufacturer's installation recommendations.
3. Connect one end of the inlet hose assembly to the adapter and the other end to the water supply.
4. DO NOT TURN ON THE MAIN WATER SUPPLY UNTIL REFRIGERATOR IS COMPLETELY CONNECTED. Check for leaks; resolve any leak issues before proceeding.

Electrical Install

WARNING – Improper electrical installation will damage electronic components.

1. Determine the available electrical service.
2. Ensure the proper voltage at the electrical source.

WARNING -

The brewer must be disconnected from the power source until specified in Initial Set-Up.

Refer to Data Plate on the Brewer, and local/national electrical codes to determine circuit requirements.

ELECTRICAL HOOK-UP (All Models)

CAUTION – Improper electrical installation will damage electronic components.

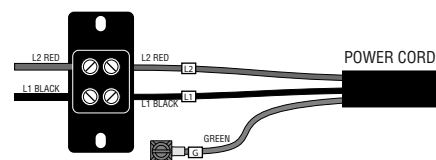
1. An electrician must provide electrical service.
2. Determine the available on-site electrical service.
3. Using a voltmeter, check the voltage and color coding of each conductor at the electrical source.
4. Uncoil the power cord completely and plug securely into the outlet or hard wire into electrical box.



INSTALL DRAIN HOSE AND DRIP TRAY



INSTALL DRAIN HOSES TO MANIFOLD



208vac 2 wire + ground

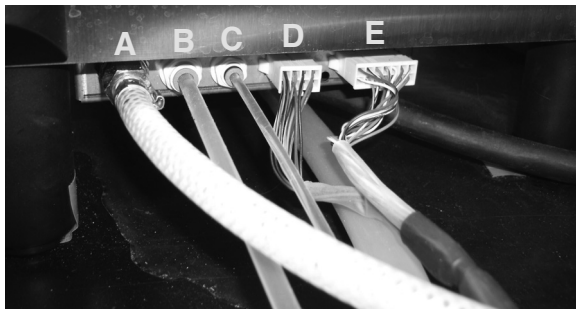
INSTALLATION-REFRIGERATOR

Milk Module Installation-counter top

1. Align hoses and harnesses through holes in back of refrigerator and slide module into cabinet on the pre-installed brackets.

Milk Module Installation-under counter

1. Align hoses and harnesses through hole on top of refrigerator and slide module into cabinet on the pre-installed brackets. Ensure holes in back are plugged.



INSTALL SUPPLY LINES

Connect hoses and harnesses to machine as shown.

- A. Water supply to espresso machine.
- B. Water line to milk module.
- C. Milk line from milk module.
- D. 8 pin connector from milk module.
- E. 14 pin connector from milk module.

Load milk containers.

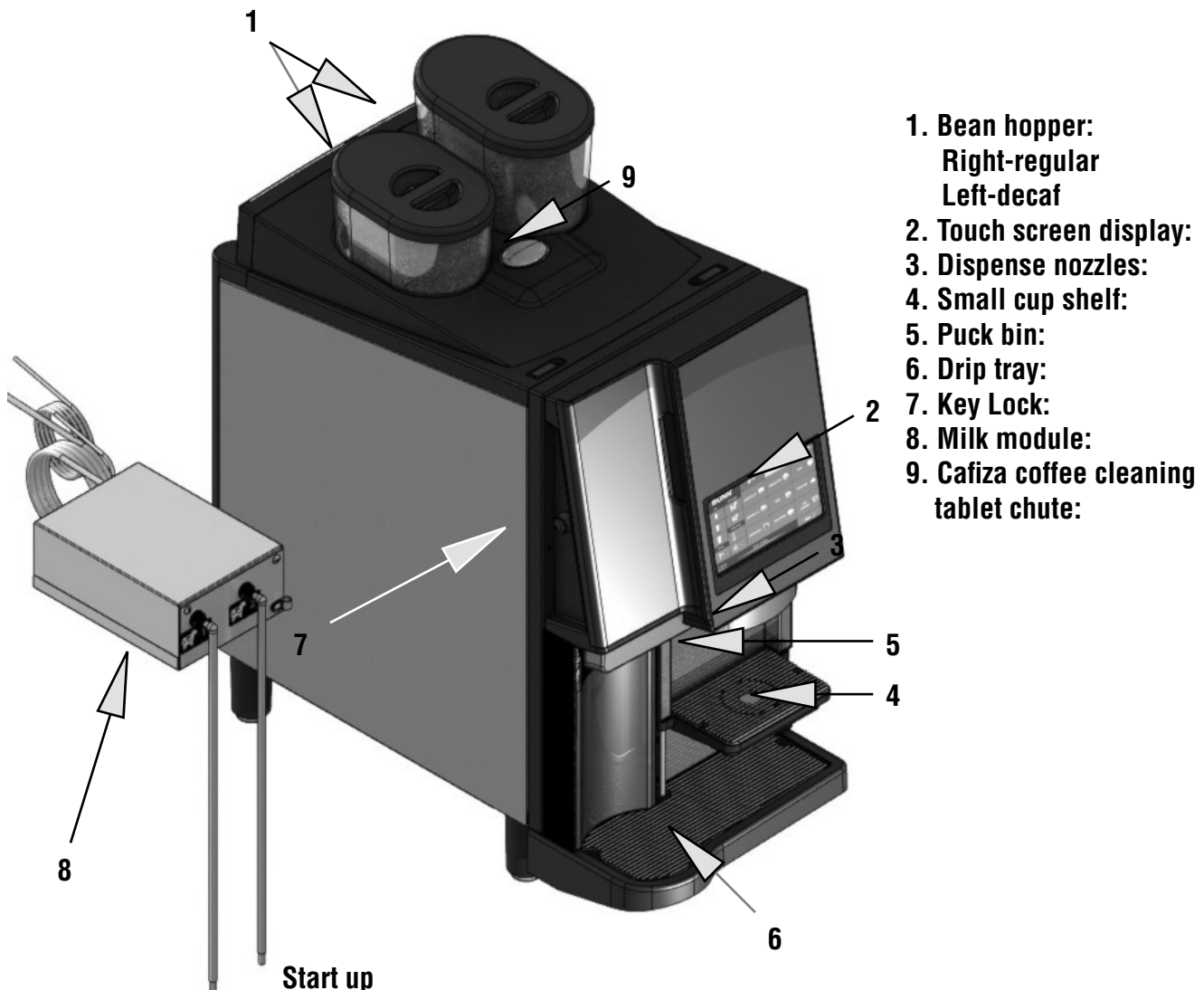
- A. Load a container of "non fat" milk towards the back and insert the number "2" hose into container.
- B. Load a container of "whole" milk towards the front and insert the number "1" hose into container.



Load milk containers.

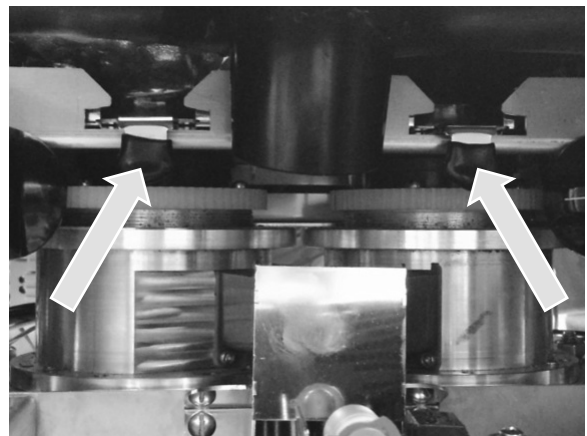
- A. Adjust refrigerator thermostat control knob as needed.
- B. Temperature may be monitored with the thermometer hanging inside the cabinet (1).
- C. *Refer to manufacturers manual included with refrigerator for additional information.*

OPERATING CONTROLS



Start up

1. Pull puck bin out, turn the main switch on, replace puck bin.
2. The filling process will proceed automatically. When the boilers are filled, unit will automatically start heating. You will see a message " Please wait - heating in progress".
3. Install hoppers on top of brewer. NOTE: Brewer will not operate without hoppers in place. Open front door and pull each slide gate tab forward. (This also locks hoppers in place). Close door and fill hoppers as needed.
4. Select "Care &cleaning", select rinse to introduce fresh water into the system if desired.
5. Select "Care &cleaning", select "Milk prime" 1 then 2 to introduce milk through the lines into brewer. Press "right" bean icon to return to home screen.
6. The machine is ready to use when "Ready to brew" is displayed.



**PULL HOPPER SLIDE GATE
TABS FORWARD**

**NOTE: POUR IN ONLY ENOUGH BEANS FOR THE DAY'S USE.
DO NOT STORE BEANS IN HOPPER OVERNIGHT, FRESHNESS WILL BE COMPROMISED.**

OPERATION

Left bean hopper



Right bean hopper



Small



Medium



Large



Syrup



Whole milk



Low fat milk



Hot milk



Cold milk



DRINK TYPES

1. Americano (hot water added to espresso).
2. Cappuccino (traditionally prepared with espresso, hot milk, and steamed-milk foam).
3. Espresso: x1=single shot; x2=double shot (coffee brewed by forcing a small amount of nearly boiling water under pressure through finely ground coffee).
4. Latte (hot milk added to espresso).
5. Macchiato: espresso added to a small amount of milk foam.
6. Milk (hot milk for hot chocolate).
7. Mocha (espresso, chocolate, and hot milk).
8. Syrup icon leaves room in the drink volume to allow manually adding syrup without overflowing the cup.
9. Select "cup preheat" to dispense hot water into cup before running a brew cycle.

DO NOT USE CUP PREHEAT WITH PAPER OR STYROFOAM (OR SIMILAR) CUPS.

BREWING

1. Select between left or right bean hopper from the tabs on the top of touchscreen.
2. Place appropriate size cup on drip tray or shelf.
3. Select drink size.
4. Select desired options:
 - Small cow for "non fat"
 - "C" for cold milk;
 - Syrup for additional room
5. Select one of the drink types.

STOP

STOP: Pressing the STOP button will stop brewing function, and will reset unit back to ready mode.

NOTE: Empty puck drawer when prompted.

DO NOT ALLOW USED PUCKS TO BACK UP INTO BREW CHAMBER AREA AS THIS CAN CAUSE DAMAGE!

The operation of the equipment may allow a condition where milk or traces of dairy components are in cross-contact with recipes that are considered non-dairy. These traces of allergenic proteins can cause reactions in individuals having food allergies to those proteins.

RINSING/CLEANING

RINSING

Press the "care & cleaning" tab to access. Place container under dispense heads.

Coffee rinse: – Press "coffee rinse".

Milk rinse: – Press "milk rinse".

DAILY CLEANING

NOTE: You will need pitcher (supplied), brush, "Cafiza Coffee" cleaning tablets, Rinza Acid tablets and cleaning tube on hand.

1. Press the "care & cleaning" tab on the touch screen.
2. Press the "clean" icon. Follow the picture prompted cleaning guide.
3. Wipe off dispense nozzle tips.

WEEKLY CLEANING

1. Press the "care & cleaning" tab on the touch screen, follow the picture prompted cleaning guide.
2. Open brew chamber door.
3. Push hopper slide gate all the way in.
4. Lift hopper with both hands. **DO NOT LIFT HOPPER BY THE LID.**
5. Empty beans from hopper and wash/rinse with mild nonabrasive detergent and fresh water.

MENU OPTIONS

Press and hold "BUNN" logo
to enter "menu options"



standby

Manually enter "stand-by" mode. Screen will go blank. to reactivate, press anywhere on the touch screen.

regional settings

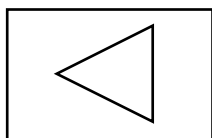
Set date/time, language and units

cup count

View/reset usage of various recipes
SEE PAGE 12

machine statistics

View/reset usage of water, grinders,
brew and cleaning cycles (resettable)



press to return to
previous screen

advanced
menu options

Reserved for authorized
service technicians only.
Password protected.

CONTINUED ON NEXT PAGE

MENU OPTIONS

regional settings

date (mm/dd/yyyy)

1

1

14



time (hh/mm/AM)

8

00

AM



1. Press to highlight box.
2. Press arrows to adjust.
3. Press "save" when finished.

(language)

press this box

English

Cycle through:
English, Spanish, French

(units)

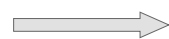
press this box

English

Toggle between:
English-Metric

NOTE: Cup volumes will always be
displayed in ml rather than ounces.

Always press "save" before exiting.



save

machine statistics

cycle counts

0

water usage

0 gal

steam time

0 sec

right grinder

0 lbs

clean cycles

0

whole

0

left grinder

0 lbs

clean cycle
errors

0

non fat

0

highlight box then press "reset"

reset

lifetime
totals

MENU OPTIONS



1. Press left or right (hopper).
2. Press to highlight/un-highlight box(s).

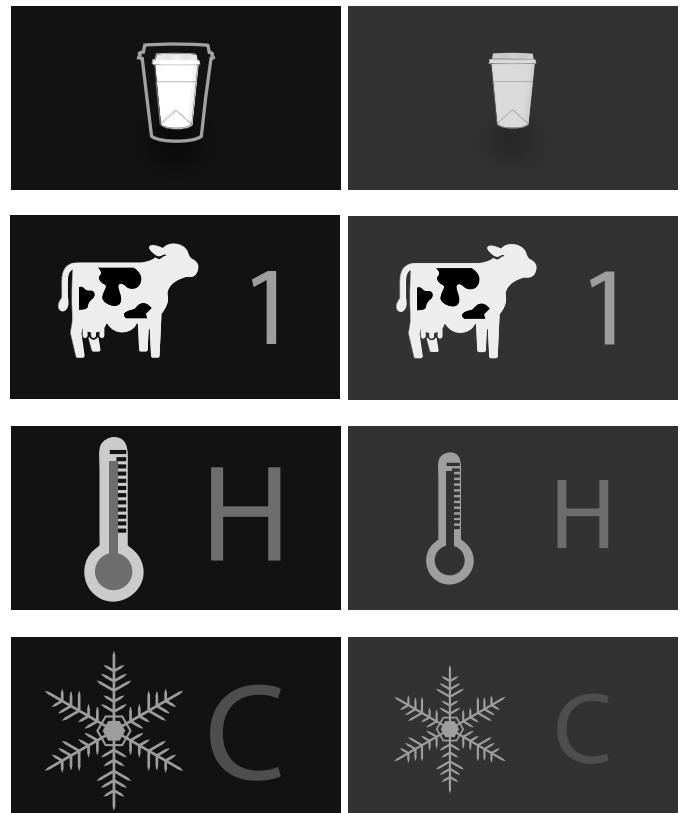


By default, all items on this screen start out highlighted (for totals). De-select individual items as desired to obtain individual counts by hopper, drink size/type and temperature. **NOTE:** only "daily" counters can be reset.




HIGHLIGHTED

NOT highlighted



TROUBLESHOOTING

Notices	Description
"cleaning interrupted",	Redo cleaning cycle to remove this error
"cleaning due now - shut down",	Machine will not dispense until cleaning is completed
"check right hopper",	Right hopper is out of beans.
"check left hopper",	Left hopper is out of beans.
"right brew time too long",	Grind size on right hopper needs to be adjusted. Coarsen by one turn at a time until error is cleared.
"left brew time too long",	Grind size on left hopper needs to be adjusted. Coarsen by one turn at a time until error is cleared.
Milk 1 or 2 empty	Refer back to "loading" section.

On screen troubleshooting feature: Should there be an error message shown, additional help can be accessed by pressing the pop up, . This will start a picture prompted troubleshooting instruction.