

Lcd Touch

NEWCO

ENTERPRISES, INC.



Operating Instruction Manual

Model LCD-TCH

Including Touchless QR Code

Capabilities

1-800-325-7867



3650 NEW TOWN BLVD ST. CHARLES MO 63301
WWW.NEWCOFFEE.COM

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Warning Labels

**NOTICE: Read and follow all notices posted on this machine.
Do not damage or destroy these notices as they are for your
protection**

WARNING
**DO NOT USE PLASTIC TUBING
WHEN INSTALLING WATER LINE.
USE COPPER TUBING**

**THIS EQUIPMENT IS TO BE INSTALLED TO COMPLY
WITH THE BASIC PLUMBING CODE OF THE BUILDING
OFFICIALS AND CODE ADMINISTRATORS INTER-
NATIONAL, INC. (BOCA) AND THE FOOD SERVICE
SANITATION MANUAL OF THE FOOD AND DRUG
ADMINISTRATION (FDA).**

! WARNING

- DO NOT OVERLOAD CIRCUIT.
- ALWAYS ELECTRICALLY GROUND THE CHASSIS OR ADAPTOR PLUG.
- DO NOT DEFORM PLUG OR CORD.
- FOLLOW NATIONAL AND LOCAL ELECTRICAL CODES.
- KEEP COMBUSTIBLES AWAY.

**FAILURE TO COMPLY RISKS EQUIPMENT
DAMAGE, FIRE OR SHOCK HAZARD.**

**READ THE ENTIRE OPERATING
MANUAL BEFORE USING THIS PRODUCT**

MANUFACTURED BY
NEWCO ENTERPRISES INC
ST CHARLES, MO 63301

MFG DATE 07/19/21 MG

120	VOLTS AC	13.3	AMP	1600	WATTS
1	PHASE	3	WIRE	60	HERTZ

Product Patents & Patent Information:

SERIAL NO. [REDACTED]



MODEL LCD TCH



LCD TCH



Newco Warranty

WARRANTY

This warranty supersedes all other previous warranties that are currently in manuals.

Newco warrants equipment manufactured by it for 1 year parts and labor.

Accessories, Dispensers, and Display Tablets - 1 Year parts only.

Electronic Circuit and Control Boards- 3 years parts, 1 year labor.

Equipment manufactured by others and distributed by Newco-please see original equipment manufacturers warranty, Newco will follow.

These warranty periods run from the date of sale Newco 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 Newco or that, in Newco's judgment, has been affected by misuse, neglect, alteration, improper installation or operation, relocation or reinstallation, improper maintenance or repair, incorrect voltage applied to the unit at any time, damage or casualty. This warranty does not apply to any equipment failures related to poor water quality, excessive lime and chlorine and non periodic cleaning and descaling. Warranty is null and void if muriatic or any other form of hydrochloric acid is used for cleaning or deliming. In addition, this warranty does not apply to replacement of items subject to normal use including but not limited to user replaceable parts such as faucet seat cups, sight gauge tubes, washers, o-rings, tubing, seals and gaskets. This warranty is conditioned on the Buyer 1) giving Newco prompt notice of any claim to be made under this warranty by telephone at (800) 556-3926 or by writing to 3650 New Town Blvd, Saint Charles, MO 63301; 2) if requested by Newco, shipping the defective equipment prepaid to an authorized Newco service location; and 3) receiving prior authorization from Newco that the defective equipment is under warranty.

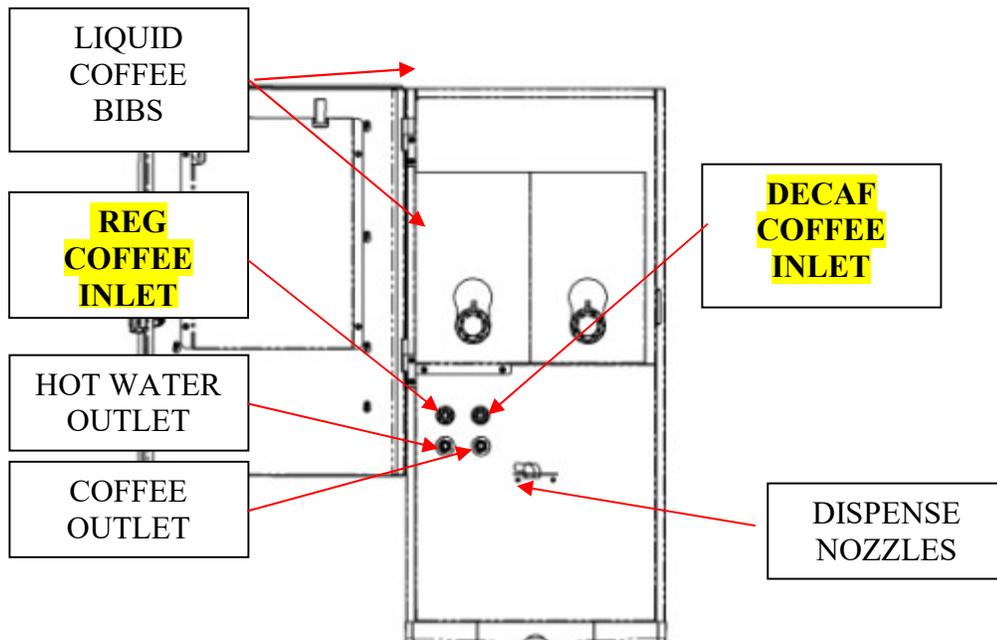
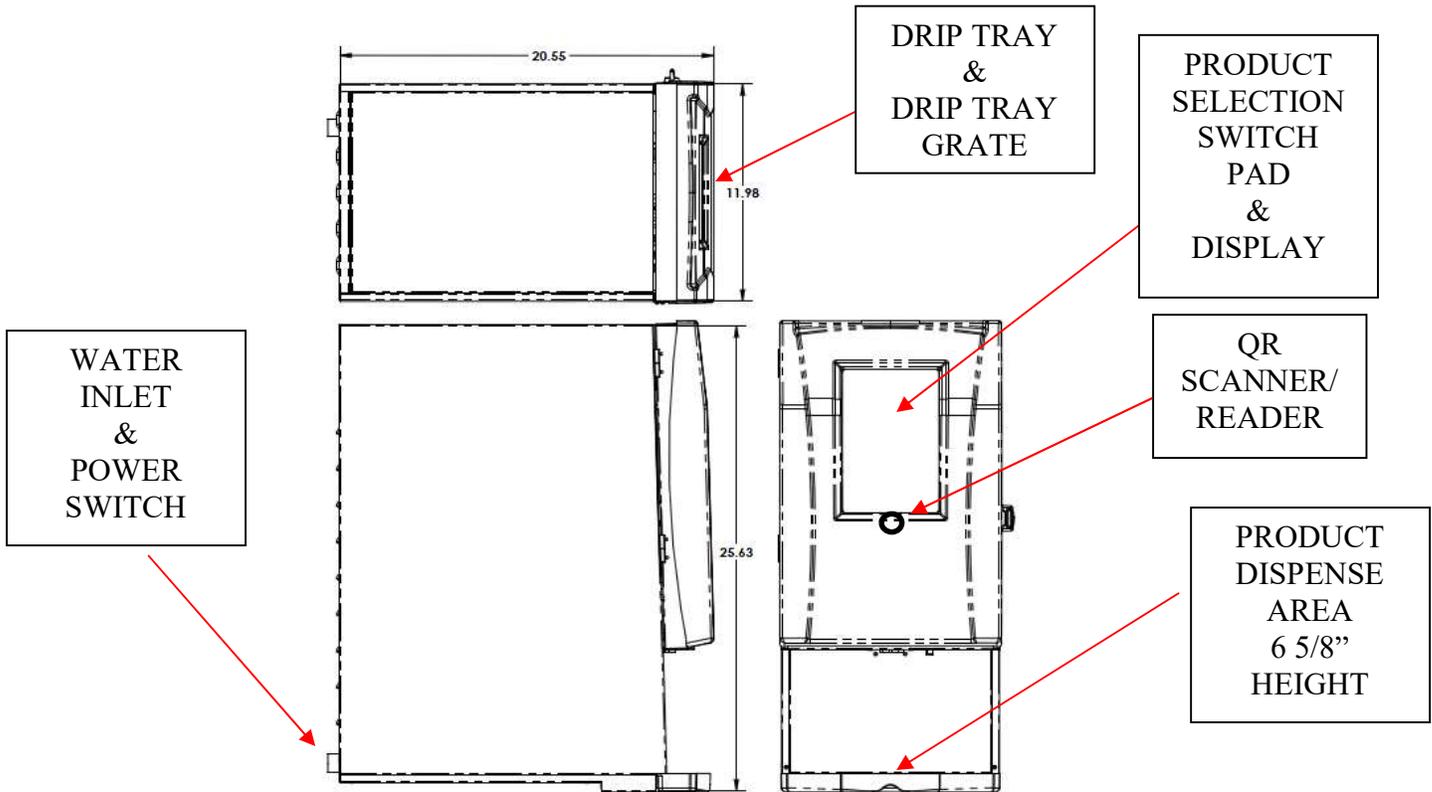
THE FOREGOING WARRANTY IS EXCLUSIVE AND IS IN LIEU OF ANY OTHER WARRANTY, WRITTEN OR ORAL, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF EITHER MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. The agents, dealers or employees of Newco are not authorized to make modifications to this warranty or to make additional warranties that are binding on Newco. Accordingly, statements by such individuals, whether oral or written, do not constitute warranties and should not be relied upon.

If Newco determines in its sole discretion that the equipment does not conform to the warranty, Newco, 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 Newco Authorized Service Representative; or 2) shall replace the equipment or refund the purchase price for the equipment.

THE BUYER'S REMEDY AGAINST NEWCO FOR THE BREACH OF ANY OBLIGATION ARISING OUT OF THE SALE OF THIS EQUIPMENT, WHETHER DERIVED FROM WARRANTY OR OTHERWISE, SHALL BE LIMITED, AT NEWCO'S SOLE OPTION AS SPECIFIED HEREIN, TO REPAIR, REPLACEMENT OR REFUND.

Machine Dimensions & Specifications

120 VAC-1600W HEATER-15A USA POWER SUPPLY
120 VAC-1400W HEATER-15A CANADIAN POWER SUPPLY
120/240VAC-3500W HEATER-15A POWER SUPPLY
6-20 OZ CUP SIZE
TEMPERATURE RANGE 140-205F



Machine Features

- **TOUCH SCREEN OPERATION**
- **CUSTOMIZED LOGO SCREEN**
- **DECAF BUTTON SWITCHES TO DECAF BIB**
- **PRE-PROGRAMMED DRINK RECIPES**
- **6-8-10-12-16-20 OUNCE DRINK CHOICES**
- **CUP SELECTION MENU**
- **CUSTOM CALL FOR SERVICE NUMBER**
- **POWER SAVE & POWER DOWN OPTION**
- **WATER FILTER MONITORING OPTIONS**
- **PUSH & HOLD HOT WATER BUTTON**
- **PUSH & HOLD HOT DRINK DISPENSE OPTION**
- **SEMI-AUTOMATIC CLEANING CYCLE**
- **QR CAPABILITY**
- **ABILITY TO TURN ON/OFF DRINK OPTIONS**
- **DISPLAY DRINKS IN OUNCES, OR SMALL-MED-LARGE**
-

THE MACHINE IS CONFIGURED AND READY TO DISPENSE 10-OUNCE DRINKS BY DEFAULT. TO CHANGE RECIPES, SEE PROGRAMMING SECTION, MACHINE SET-UP.

Plumbing Connections

Plumber's Installation Instructions

CAUTION: Disconnect Power to machine before proceeding with plumbing installation.

- 1) Attach water line to water filter, rear of machine.
- 2) Flush water line before installing machine. Machine should be connected to COLD WATER LINE ONLY.
- 3) Water pressure should be at least 40 lbs. For less than a 25 ft run, use 1/4" copper tubing and connect to 1/2" or larger water line. For longer runs, use 3/8" copper tubing & connect to 1/2" or larger water line and provide an adapter fitting for connection to the brewer. **A dedicated water line is necessary for this machine. Minimum flow rate is 1GPM.**
- 4) If installed with saddle valve, the valve should have a minimum of 1/8" porthole for up to 25 ft run, and 5/16" porthole for over 25 ft runs.
- 5) **Manufacturer recommends connecting to copper tubing.**

Electrical Hook-Up

WARNING

The Machine must be disconnected from the power source until specified in Installation Instructions.

Determine the available on-site electrical requirements

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

CAUTION – Improper electrical installation will damage electronic components and void warranty.

Installation Instructions

WARNING: - Read and follow installation instructions before plugging or wiring in machine to electrical circuit. Warranty will be void if machine is connected to any voltage other than that specified on the nameplate serial tag.

Machine must be on a flat and level surface. Plug or wire in machine to appropriate voltage as noted on the brewer serial tag. Serial tag is located on inside of machine.

<p align="center">Brew water temperature is factory set at 180o F Areas of high altitude will require lowering this temperature to prevent boiling. This chart should be used as a guide when readjusting the brew water temperature.</p>		
Altitude (Feet)	Boiling point of water o F o C	Recommended water temperature o F o C
-1000	213.8 101.0	200 93.3
-500	212.9 100.5	200 93.3
0	212.0 100.0	200 93.3
500	211.1 99.5	200 93.3
1000	210.2 99.0	200 93.3
1500	209.3 98.5	200 93.3
2000	208.4 98.0	200 93.3
2500	207.4 97.4	200 93.3
3000	206.5 96.9	199 92.8
3500	205.6 96.4	198 92.2
4000	204.7 95.9	197 91.7
4500	203.8 95.4	196 91.1
5000	202.9 94.9	195 90.6
5500	201.9 94.4	195 90.6
6000	201.0 93.9	194 90.0
6500	200.1 93.4	193 89.4
7000	199.2 92.9	192 88.9
7500	198.3 92.4	191 88.3
8000	197.4 91.9	190 87.8
8500	196.5 91.4	189 87.2
9000	195.5 90.8	188 86.7
9500	194.6 90.3	187 86.1
10000	193.7 89.8	186 85.6

Product Installation Procedure

- Open product box and remove the BIB outlet, **Fig. 1**. Remove cardboard circle and seat coffee outlet in box cutout as shown in **Fig. 2**.
- Remove the plastic insert from the BIB fitment as and attach product fitting shown in **Fig 3**. Using finger and thumb only to prevent over-tightening, thread the BIB connector on to the BIB fitment until it is fully seated .



- Place the product in the storage compartment as shown in **Fig.4**.
- Repeat installation for 2nd product and position boxes and hoses as shown in **Fig. 5**. Note: Regular Coffee BIB is installed on the LH side of the product compartment and Decaf Coffee BIB is installed on the RH side of the product compartment

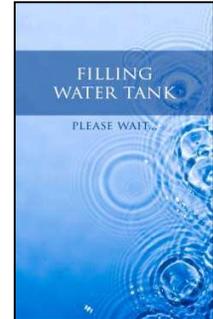


Regular

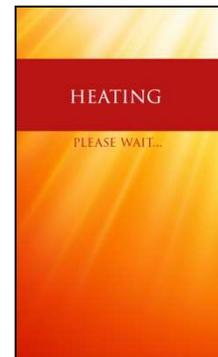
Decaf

Machine Startup Instructions

Ensure that there is a proper water supply connected to the machine and water is turned on. Ensure that the machine is plugged into a proper power outlet and there is power supplied to the machine. Turn machine power switch on, machine should start filling, will shut off when full. The Touch Screen Display will indicate when the machine is filling.



Heater will turn on when water in tank is at probe level and will display Heating: Please Wait. The heating process can take 10-15 minutes before the machine is ready to brew.



When machine temperature reaches brew temp, display will change to the Drink Selection Screen. The machine is now ready for operation.



Sleep screen appears when machine has been idle. Touching the Sleep Screen will bring up the Instruction Screen then the Drink Selection Menu



Brewing Drinks

To dispense a drink, place a cup under the dispense area, press a brew selection, choose a cup size and press “Brew” button. (see page 12)

Once a selection is made a Submenu for Drink Settings will appear-see page 12

Iced Coffee Drinks
 Small—Medium—Large
 Mild-Regular-Bold
 Sized for Cups 2/3 Filled with Ice
 (Push & Hold)

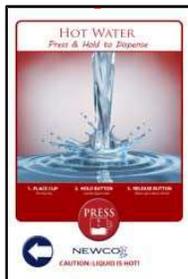
Coffee Drinks
 Small—Medium—Large
 Mild-Regular-Bold



Shot Drinks
 Single-Double-Triple



Hot Water
 Press and Hold to
 Dispense



“Hidden” Quick Access
 For Cleaning and Priming
 Press and Hold for 5
 seconds & let go
 See Page 18 for
 Instructions
 (Not Available in QR
 “Touchless” Mode)

Drink Submenu

Cup Size Indicator*
*(Shows Ounces if selected--See Drink Selection Menu Page14)

Cup Size Selections
Small -Medium- Large*
Use to Change Cup Size

Return Button
Returns to Main Drink Selection Menu

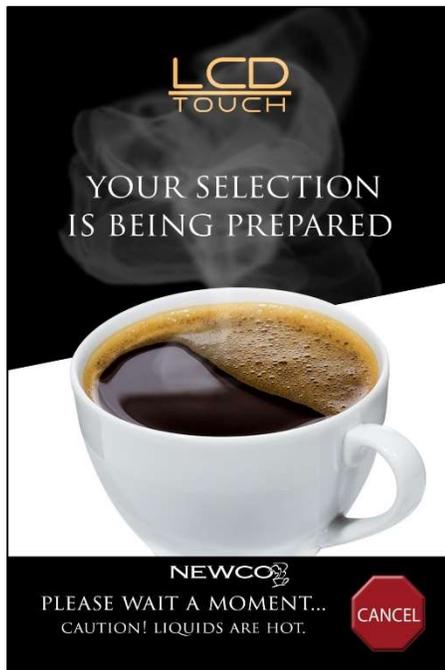


Coffee Strength Indicator

Cup Strength Selections
Mild -Regular- Bold
Use to Change Coffee Strength
Default Regular

Brew Button
Starts Brewing Cycle

Cancel Button
Stops Brewing Cycle

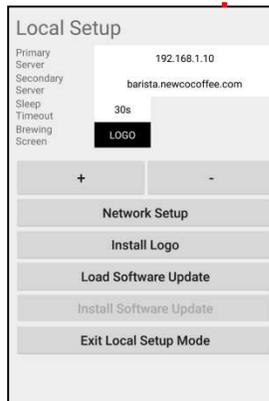
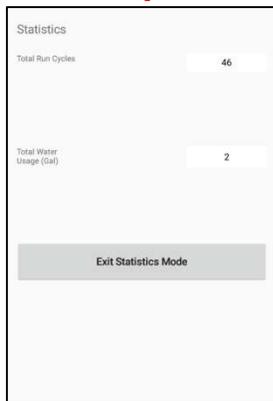
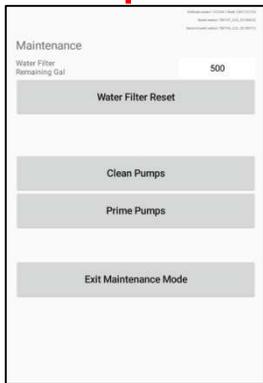
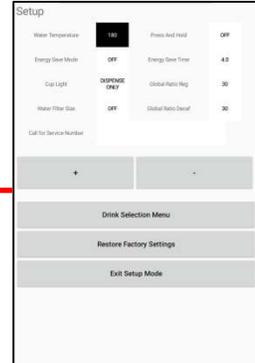


Programming Instructions



TAP 3 TIMES ON CENTER OF "D" TO ENTER PROGRAMMING MODE IF A BREWING ICON IS ACCIDENTLY TOUCHED USE THE RETURN ARROW TO TRY AGAIN

Screen will change to Program Menu Screen:



Water Temperature
Adjust Temperature 140 – 205 Deg F
Default 180

Press And Hold
Enables Press And Hold for Coffee Selections

Energy Save Mode
Turns on Tank Temperature Energy Savings Mode
OFF, SEMI (Lowers tank temp), FULL (Turns Tank Off)
Default is OFF

Energy Save Time
Timer from last dispense till Energy Save kicks in

Cup Light
Turns on dispense Light in Cup Area
OFF, Dispense Only, Always On
Default is Dispense Only

Global Ratio (Reg & Decaf)
Sets Coffee to Water ratio across all recipes
Separate Adjustment for Coffee and Decaf
45:1 to 25:1 Defaults are both 30:1

Water Filter Size
Turns Water Filter tracking On or Off
OFF, 500-3000 Gallons
Default is Off

Call For Service #
Space to enter Contact Info that will be shown on "Call for Service" Screens

Drink Selection Menu-See page 14
Restore Factory Settings
Reset Machine to Factory Defaults
Enable QR "Touchless" Mode
Exit Setup Mode

Water Filter Remaining Gal Not shown if not filter tracking is not enabled*
Shows water filter gallons left before filter change*
Water filter Reset
Select this after changing filters to reset water filter countdown*
Clean Pumps
Access Pump Cleaning Menu**
Prime Pumps
Access Pump Priming Menu **See Page 14**
Exit Maintenance Mode

Total run cycles
Total drinks dispensed

Total Water Usage
Total Gallons of water dispensed*

Exit Statistics Mode

Water Temperature --140 – 205 Deg F
Default 180
Waste Bin Size—OFF, 2-50
Air Blow Strength—3-10
Air Blow Time—2-15 seconds
Water Filter Size—OFF, 500-3000 Gallons
Call For Service #-# will be shown on "Call for Service" Screens

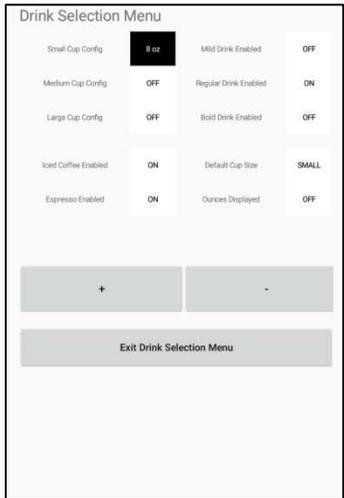
Primary Newco Server
(Future Use)
Secondary Server
(Future Use)
Sleep Timeout
Time brewer will stay awake before entering sleep screen

Brewing Screen
Toggles between Slates or Display Installed Logo Screen
Default is Slates

Install Logo *See Page 18
Network Setup *See Page 18 Instruction #2
Exit Local Setup Mode

Programming-Cont'd.

Drink Selection Menu



Drink Selection Menu

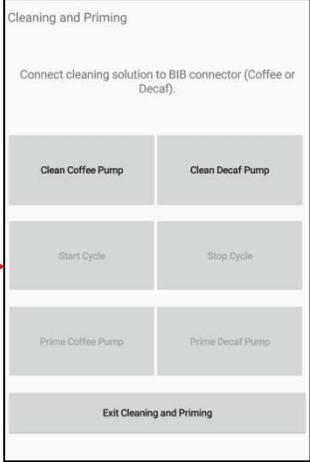
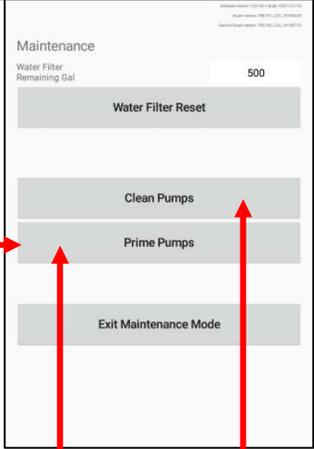
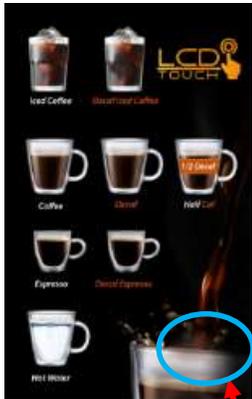
Ability to turn Drink Selections and/or Cup Sizes On or Off

Cup Size Choices are 6-8-10-12-16-20 Ounces or OFF
 Drink Strengths are Mild-Regular-Bold
 Iced & Espresso Drinks can be turned Off or On

Default Cup size
 Determines which cup size will Dispense by Default
Ounces Displayed
 Cup size in Ounces or Small Medium Large

Exit Drink Selection Mode

Pump Cleaning and Priming



**“Hidden” Quick Access
 For Cleaning and Priming**
 Press and Hold for 5 Seconds & let go – Quick Access Buttons will Appear
 Selecting Either Button Enables Cleaning and Priming tMenu

(Not Available in QR “Touchless” Mode)

Access from Maintenance Menu
 Selecting these Menu Choices will also Enable the Cleaning and Priming Menu

Cleaning and Priming Menu
 This Menu Enables the Coffee Lines to be Cleaned and then Re-Primed
 Follow Instructions at top of Menu. Refer to Page 27

Programming-Cont'd

SECONDARY PROGRAMMING MODE (SERVICE MENU) RECIPES AND CALIBRATION



**TAP 3 TIMES ON CENTER OF “L”
THEN TAP 3 TIMES ON CENTER OF
“D”
TO ENTER SECONDARY
PROGRAMMING MODE**

**IF A BREWING ICON IS ACCIDENTLY
TOUCHED USE THE RETURN ARROW
TO TRY AGAIN**

CALIBRATION

Calibration

Water Cal OZ. 10.0

+ - Start Cal Cycle

Exit Calibration Mode

Programming

Maintenance

Statistics

Setup

Calibration

Recipe Entry

Local Setup

Exit Programming

Recipe Entry

Recipe Name Coffee 6oz Mid

Recipe Number 0 Recipe Type 1

Pret Preetime 0 Water Vol 46

Pump Strength 48

+ -

Save Recipe Exit Recipe Entry

Coffee Valve Calibration-- Insert a measuring container capable of holding 32 or more ounces of water under delivery area of machine, and press **“Start Cal Cycle”** button to start calibration countdown period . After cycle has completed use the + and - buttons to toggle the value, increasing or decreasing value until the display number matches the amount of the water measured in Ounces. Default is 10 oz.

Recipe Entry—See Page 16

Programming-Cont'd

NOTE
Factory Reset Will NOT Change Recipes to Default Values

SCROLL THROUGH RECIPES BY SELECTING RECIPE NUMBER AS SHOWN THEN USE PLUS AND MINUS (+ -) BUTTONS TO SCROLL UP AND DOWN

Note: Changing the values in these recipes can result in changes in cup volume and taste profile and should be performed by authorized personnel only.

CHANGE RECIPE VALUES BY VALUE IN RECIPE FIELD THEN USE PLUS AND MINUS (+ -) BUTTONS TO SCROLL UP AND DOWN

SAVE RECIPE CHANGES BEFORE EXITING RECIPE ENTRY MODE VALUES WILL NOT UPDATE UNTIL RECIPE IS SAVED

Recipe List

0	Coffee 6oz Mild	10	Coffee 12oz Reg	20	Iced Coffee 6oz Bold	30	Iced Coffee 16oz Mild
1	Coffee 6oz Reg	11	Coffee 12oz Bold	21	Iced Coffee 8oz Mild	31	Iced Coffee 16oz Reg
2	Coffee 6oz Bold	12	Coffee 16oz Mild	22	Iced Coffee 8oz Reg	32	Iced Coffee 16oz Bold
3	Coffee 8oz Mild	13	Coffee 16oz Reg	23	Iced Coffee 8oz Bold	33	Iced Coffee 20oz Mild
4	Coffee 8oz Reg	14	Coffee 16oz Bold	24	Iced Coffee 10oz Mild	34	Iced Coffee 20oz Reg
5	Coffee 8oz Bold	15	Coffee 20oz Mild	25	Iced Coffee 10oz Reg	35	Iced Coffee 20oz Bold
6	Coffee 10oz Mild	16	Coffee 20oz Reg	26	Iced Coffee 10oz Bold	36	Espresso Shot Single
7	Coffee 10oz Reg	17	Coffee 20oz Bold	27	Iced Coffee 12oz Mild	37	Espresso Shot Double
8	Coffee 10oz Bold	18	Iced Coffee 6oz Mild	28	Iced Coffee 12oz Reg	38	Espresso Shot Triple
9	Coffee 12oz Mild	19	Iced Coffee 6oz Reg	29	Iced Coffee 12oz Bold		

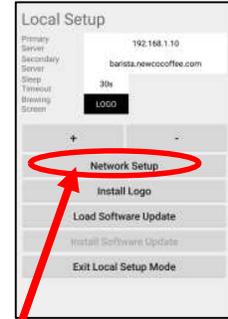
Custom Logo-Wi-Fi Setup



TAP 3 TIMES ON CENTER OF "D"
TO ENTER PROGRAMMING MODE

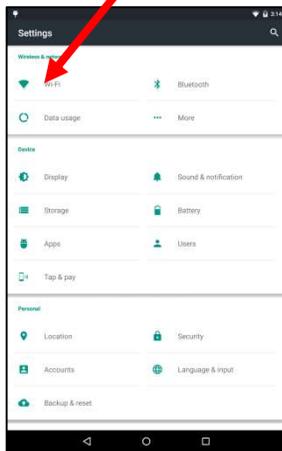


SELECT LOCAL
SETUP



SELECT NETWORK
SETTINGS
TO ENTER TABLET
SETTINGS SCREEN

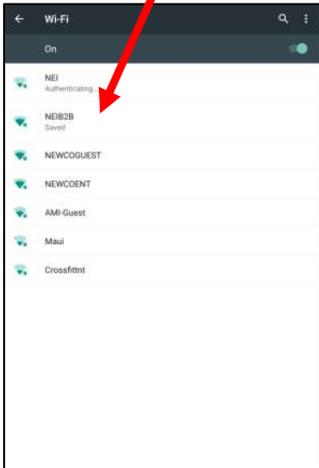
1. PRESS "Wi-Fi" ICON TO
ACCESS WIFI SETUP &
CONNECT TO LOCAL WIFI



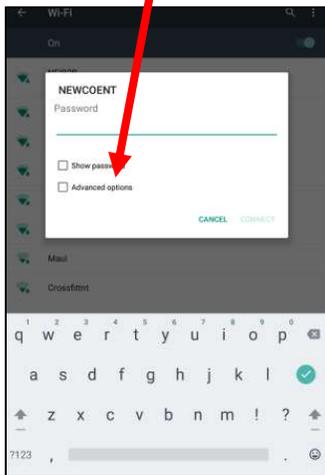
2. TURN "WI-FI" ON



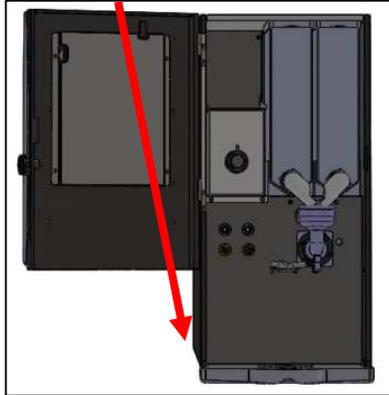
3. SELECT "WI-FI"
NETWORK



4. ENTER PASSWORD
AND CONNECT

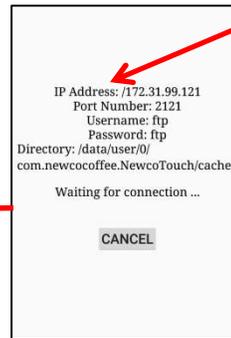
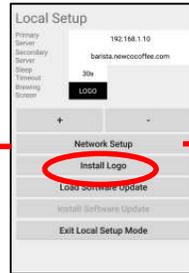


5. TURN MACHINE
POWER OFF THEN
ON AGAIN USING
SWITCH AT REAR
LEFT OF MACHINE



Install Custom Logo (Sleep Screen)

(ANDROID VERSION)

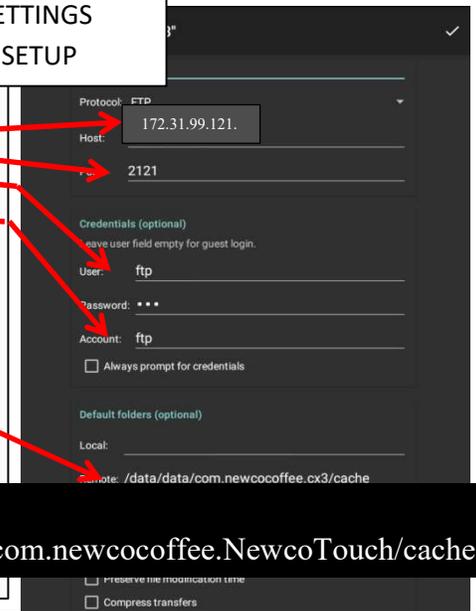
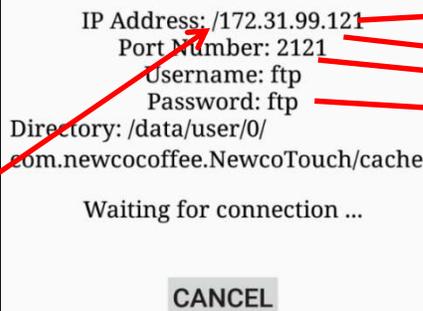


THIS ADDRESS IS UNIQUE FOR EVERY MACHINE. NOTE THAT IT IS USED FOR THE HOST ADDRESS WHEN SETTING UP COMMUNICATION SITE

Install Logo Instructions-Custom Sleep Screen (Android Version)

INSTALL AN FTP FILE TRANSFER APP ONTO A LOCAL PHONE OR TABLET. CONNECT THE LOCAL PHONE OR TABLET TO THE SAME WIFI NETWORK AS THE BISTRO-TOUCH. APPLICATION EXAMPLE SHOWN IS AN FTP APP FOR ANDROID SETUP FTP CONNECTION AS SHOWN-COPY INFORMATION FROM BISTRO-TOUCH AS SHOWN ON SCREEN-NOTE-EACH MACHINE HAS A UNIQUE IP ADDRESS

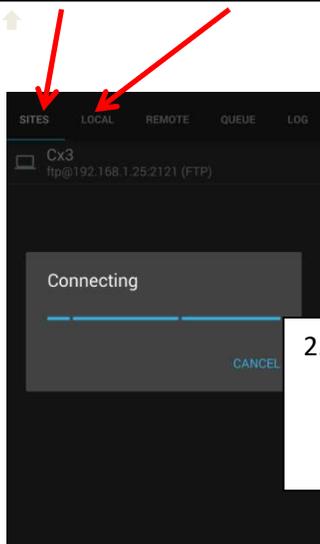
1. OPEN THE APP AND COPY SETTINGS FROM BISTRO TOUCH-SAVE SETUP



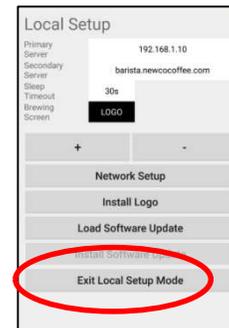
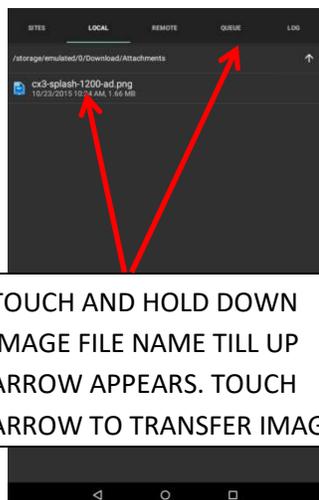
Remote: /data/user/0/com.newcocooffee.NewcoTouch/cache

3. TOUCH SITE TO OPEN CONNECTION, SELECT "LOCAL" WHEN CONNECTED

4. BISTRO-TOUCH SCREEN WILL CHANGE TO FINISH. PRESS TO EXIT, THEN EXIT SETUP MENUS. **TURN OFF WIFI, SEE PAGE 19 TO REFERENCE NETWORK SETTINGS AND 4, TURN OFF WIFI**



2. TOUCH AND HOLD DOWN IMAGE FILE NAME TILL UP ARROW APPEARS. TOUCH ARROW TO TRANSFER IMAGE



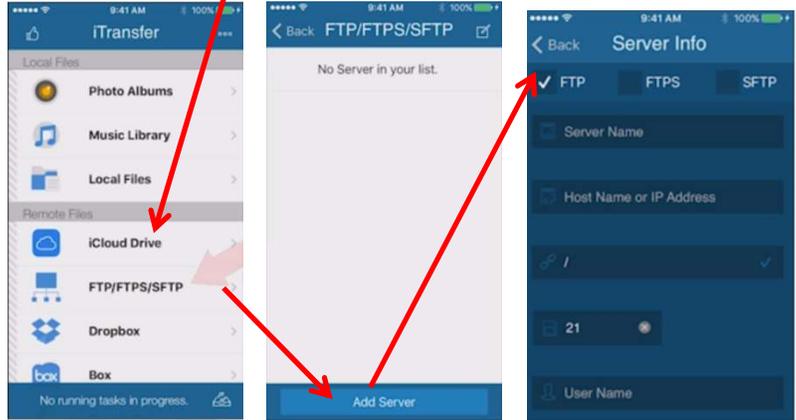
Install Logo Instructions-Custom Sleep Screen

(APPLE IOS VERSION)

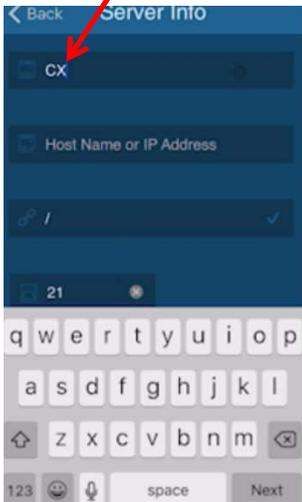
INSTALL THE "ITRANSFER" APP ONTO A LOCAL PHONE OR TABLET. CONNECT THE LOCAL PHONE OR TABLET TO THE SAME WIFI NETWORK AS THE BISTRO-TOUCH. APPLICATION EXAMPLE SHOWN IS "ITRANSFER" FOR I-PHONE/IOS/APPLE SETUP FTP CONNECTION AS SHOWN-COPY HOST ADDRESS FROM BISTRO-TOUCH AS SHOWN ON SCREEN-NOTE-EACH MACHINE HAS A UNIQUE ADDRESS

PASSWORD IS ftp

1. OPEN THE APP AND SLELCT FTP/FTPS/ SFTH, ADD SERVER,



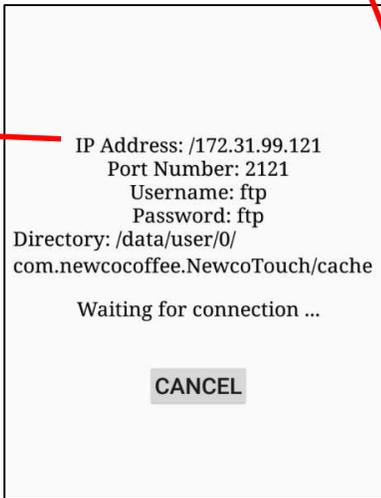
2. FOR SERVER NAME ENTER CX



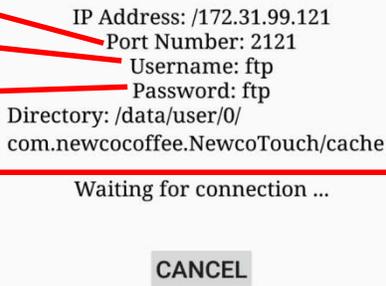
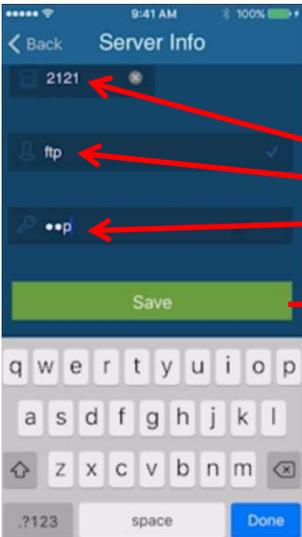
3. FOR HOST IP ADDRESS COPY IP ADDRESS INFO FROM BISTRO-TOUCH



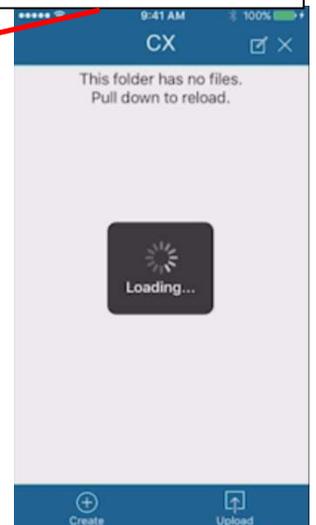
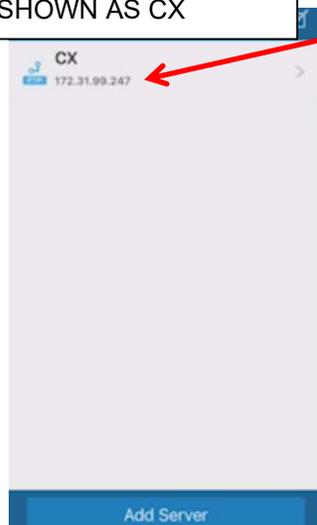
4. FOR REMOTE PATH INFO ENTER - /data/user/0/com.newcocooffee.NewcoTouch/cache



5. ENTER PORT 2121, USERNAME ftp, PASSWORD ftp THEN PRESS Save BAR-SERVER NAME IS NOW SHOWN AS CX

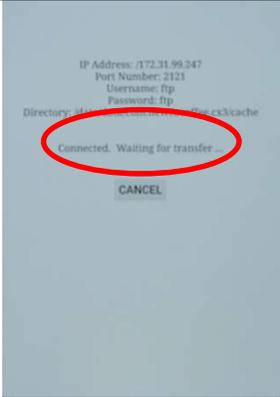


6. TAP SERVER CX TO CONNECT TO BISTRO-TOUCH MACHINE

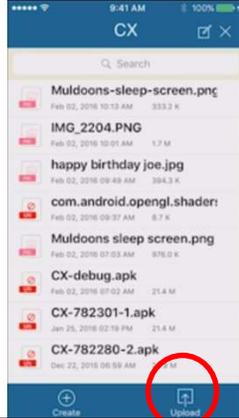


Install Logo Instructions-Custom Sleep Screen Cont'd

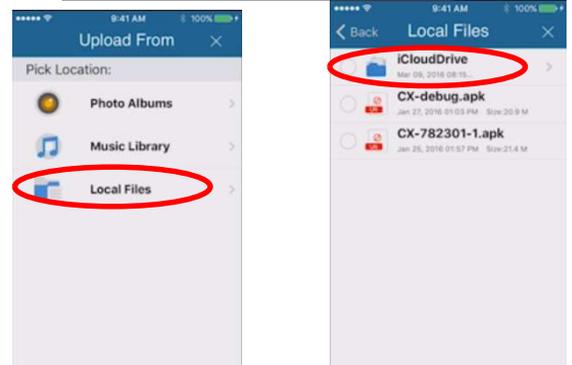
7. STATUS ON BISTRO-TOUCH MACHINE CHANGES TO Connected-Waiting for transfer



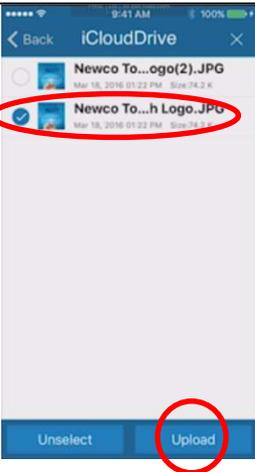
8. TO SELECT A FILE TO TRANSFER SELECT THE UPLOAD BUTTON



9. SELECT THE DIRECTORY WHERE THE IMAGE FILE TO BE TRANSFERRED RESIDES



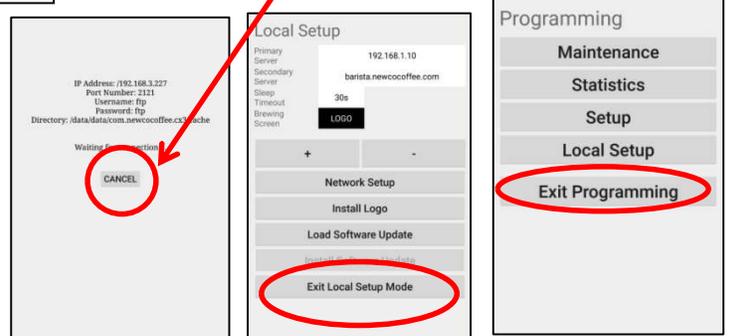
10. SELECT THE IMAGE TO BE TRANSFERRED THEN SELECT Upload



11. FILE WILL TRANSFER TO THE BISTRO-TOUCH MACHINE



12. SELECT FINISH TO COMPLETE TRANSFER, THEN EXIT FROM PROGRAMMING SCREENS. TURN OFF WIFI, USING NETWORK SETTINGS, SEE PG. 17



13. CYCLE MACHINE POWER OFF / ON USING SWITCH AT REAR LEFT OF MACHINE

Programming QR Codes

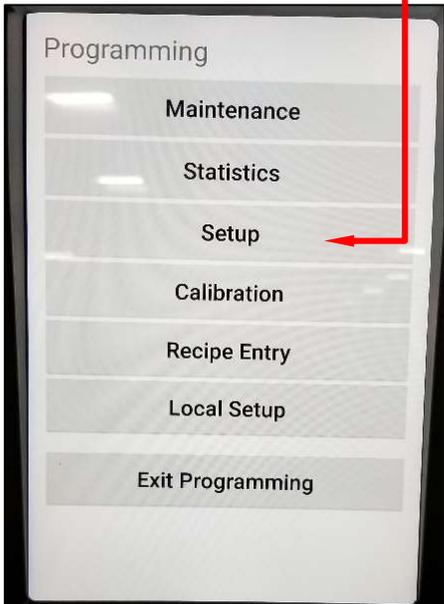


FOR "TOUCH AND COMBINED" OPERATIONS:
TAP 3 TIMES ON CENTER OF THE "L"
THEN TAP 3 TIMES ON CENTER OF THE "D"
TO ENTER SECONDARY PROGRAMMING MODE
IF A BREWING ICON IS ACCIDENTLY TOUCHED USE THE RETURN ARROW TO TRY AGAIN.

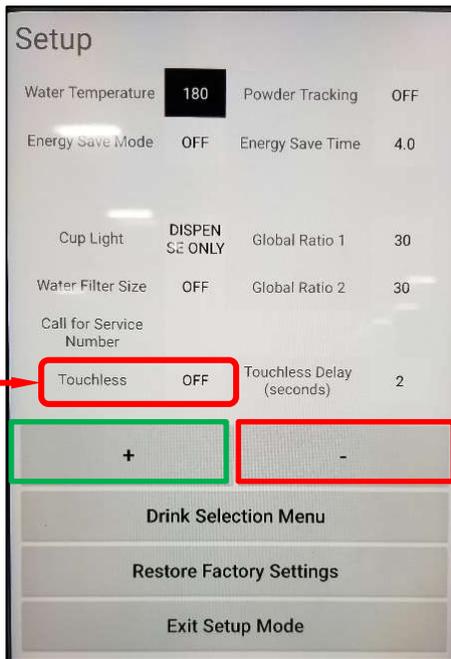


FOR "TOUCHLESS" ONLY OPERATION:
TAP 3 TIMES IN TOP LEFT CORNER.
THEN TAP 3 TIMES ON BOTTOM RIGHT CORNER.
TO ENTER LOWER-LEVEL PROGRAMMING: TAP 3 TIMES ON BOTTOM RIGHT CORNER.

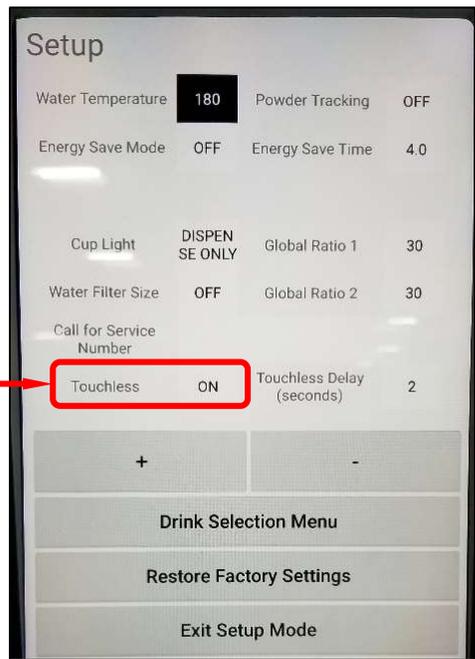
PRESS "SETUP"



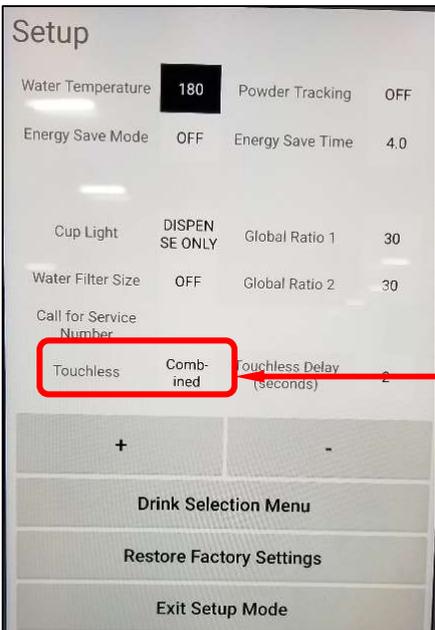
"TOUCHLESS" MODE IS OFF. TOUCH SCREEN OPERATION ONLY. QR NOT AVAILABLE.



"TOUCHLESS" MODE IS ON. TOUCHLESS OPERATION ONLY. QR READY.

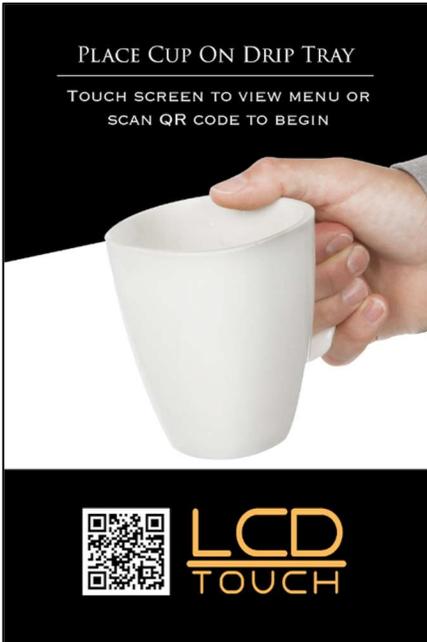


PRESS THE "TOUCHLESS" BUTTON TO HIGHLIGHT EITHER "OFF", "ON", OR "COMBINED". PRESS THE "+" OR "-" TO CHANGE MODES.

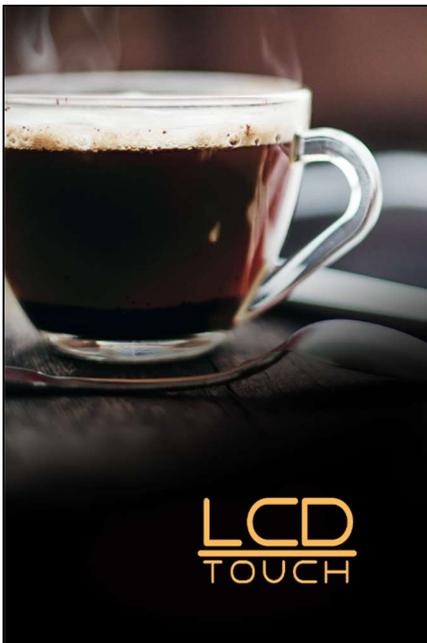


"TOUCHLESS COMBINED MODE IS ON. TOUCH SCREEN & TOUCHLESS OPERATIONS AVAILABLE . QR READY.

Programming QR Codes Cont'd



QR Screen for “**Touchless Combined**”. Use smartphone to get code for recipes. Follow instructions on menu.



Brewer In Touchless Mode

SCAN QR CODE WITH CAMERA APP



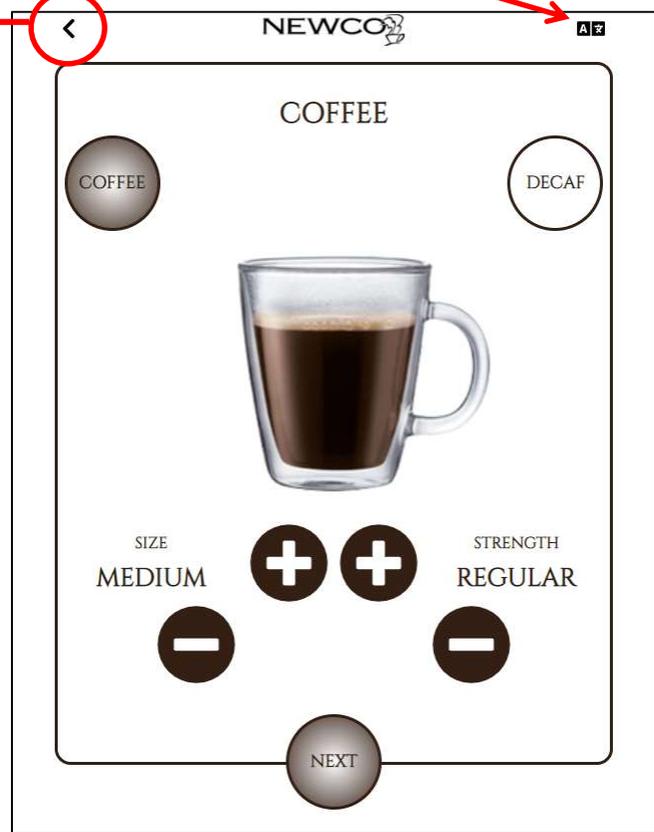
- ①  Place cup on drip tray.
- ②  Open the camera app on your phone.
- ③  Point camera at QR code.
- ④  Click web link to access drink menu.
- ⑤  Select drink size and strength.
- ⑥  When “NEXT” is selected, you will receive a drink QR code.
- ⑦  Turn drink QR code to face machine's camera and the machine will begin brewing.

QR Screen for “**Touchless On**”. Follow the instructions in above menu. The instructions will take you to the next page's menus and further instructions.

Screen for “**Touchless Off**”. **Touch screen only. QR not available.**

Programming QR Codes Cont'd

NOTE-FRENCH AND ENGLISH LANGUAGES CAN BE TOGGLED FROM THIS SELECTION



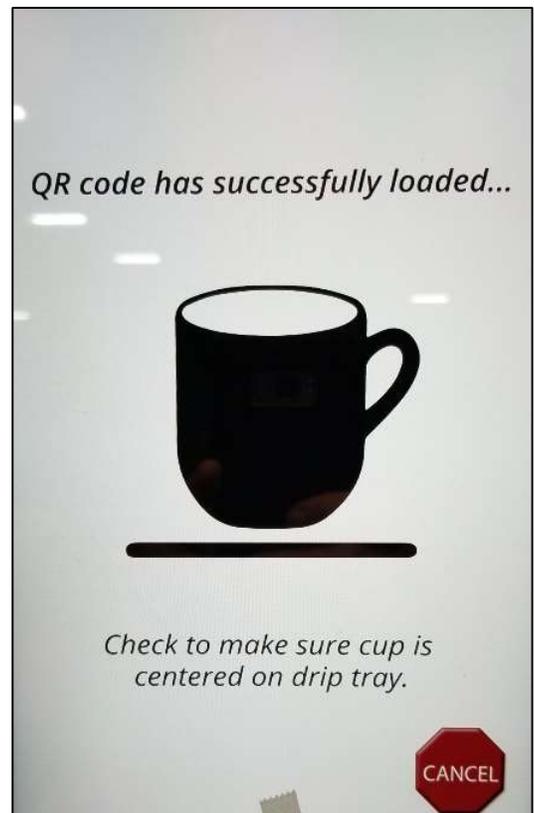
After choosing the recipe, the cup size, strength of the drink and in this case regular or decaf coffee from the above settings can be made. If the chosen recipe is incorrect, press the return arrow in the **top left corner** to return to the previous recipe screen. After the desired recipe is chosen, press **Next**. (Refer to page 16)

The following menus & instructions are for both "Touchless On" & "Touchless Combined". After scanning the QR code with your smartphone camera the above menu will appear. Choose the desired recipe.

Programming QR Codes Cont'd

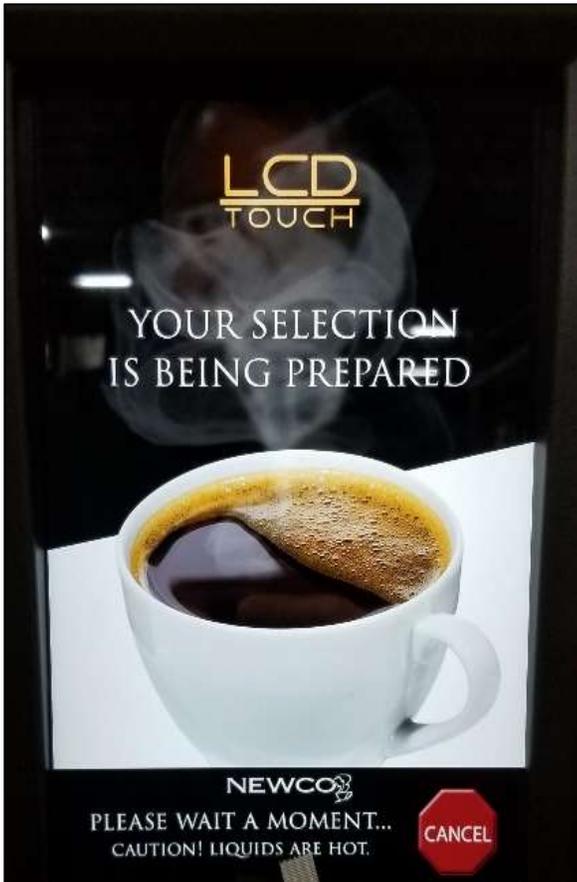


Hold the QR Code up to the scanner on the door. Recipe will begin to brew automatically and shut off once the scanner recognizes the Code.

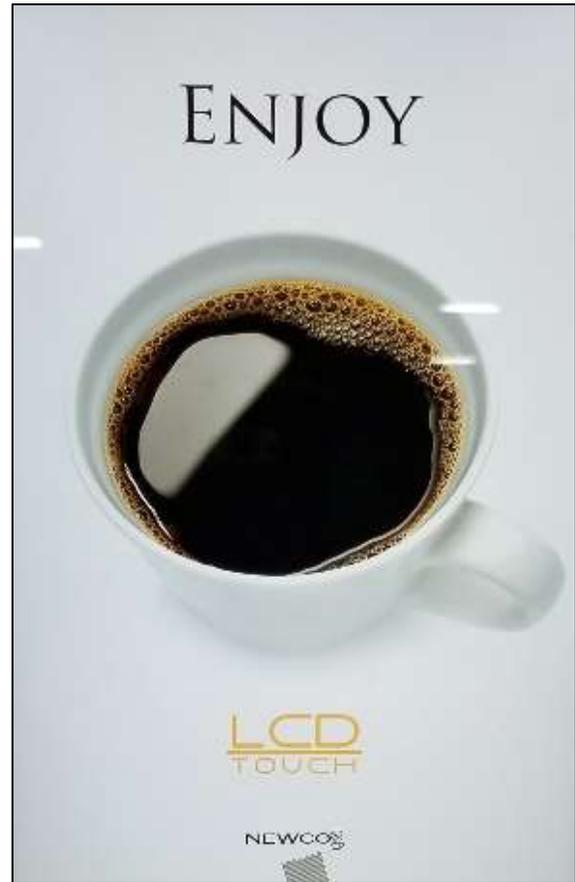


If for any reason the brewing process needs to be stopped press the **CANCEL** button in the lower right corner.

Programming QR Codes Cont'd



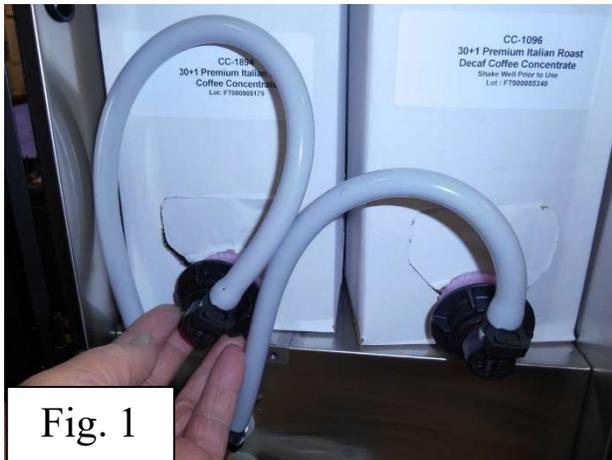
This screen lets you know that your selection is brewing and being delivered into your cup. You have the option to **CANCEL** the brewing process.



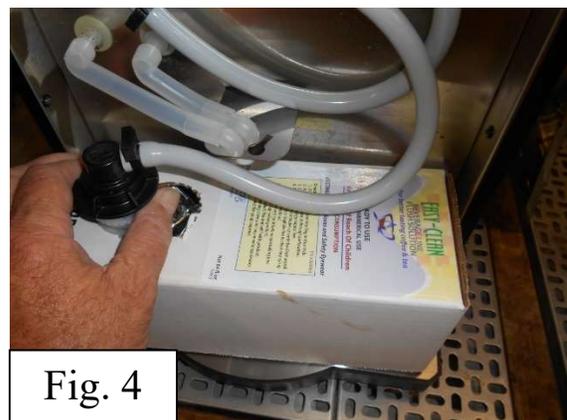
When this screen appears, your coffee has finished brewing. You may now remove your finished drink.

Cleaning & Sanitizing Instructions

1. Remove product from storage area and disconnect BIB connectors as shown in **figures 1 & 2**.



2. Place an empty container in the dispense area of the machine as shown in **figure 3**.
3. Connect the cleaning solution to the BIB connector for Pump and connect cleaning BIB (PN 900083) as shown in **figure 4**.



Cleaning Instructions

1. Remove the product BIBs from the machine and connect a BIB of cleaning solution to the PUMP 1 (COFFEE) BIB connector as shown in figs. 1-4 pages 26.
2. Enter Cleaning and Priming Menu (See Page 14)
3. Press the Clean Pumps button on the display panel to enter Cleaning Mode.
4. Display message will read “Connect Cleaning Solution to Bib Connector”.
5. Place an empty 12 oz cup in the dispense area. Press “Clean Coffee Pump” button to Start Cleaning. Cycle will start and finish automatically.
6. Cleaning cycle runs 2.5 minutes total: pump 45 sec., dwell 90 sec., & water 15 sec
7. When cleaning cycle ends, disconnect the BIB of cleaning solution from the Pump BIB connector and replace the coffee BIB with new product. The machine will automatically advance to the Prime Pumps mode.
8. To Prime: Press and hold the “Prime Coffee Pump”” button until a steady stream of product flows from the dispense area into the vessel.
9. Change Cleaning solution to Pump 2 (DECAF) and repeat steps 3-8 to Clean and Prime Pump 2 (DECAF).
10. Exit to Home screen  when finished.
11. Discard the Contents of the 12 oz cup.

Weekly Sanitizing Instructions

1. Remove the bag connector from the product box and disassemble or prop open the internal valve to allow free flow of product through the connector. **NOTE: Cutting the mating fittings from an empty bag makes an excellent “free flowing” connector for this purpose. See note below.**
2. Place the bag connector into a one gallon (3.8 liter) container of warm soapy tap water 140°F (60°C).
3. Place an empty container under dispense tip and activate the corresponding button until the clean soapy water is dispensed from the dispense tip.
4. Repeat steps 3 and 4 with warm tap water 140°F (60°C) to rinse the soapy water from the pump tubing. Continue dispensing until the water is clear, and no soapy water is being dispensed.
5. Prepare 1 gallon (9.46L) of sanitizing solution by dissolving 1 tablespoon of household bleach into 1 gallon (9.46L) of 120°F (48.9°C) water to ensure 200 ppm of available chlorine.
6. Place the coffee connector in the sanitizing solution. Again, repeat steps 3 and 4 with the sanitizing solution, ensuring that the bag connector remains covered in sanitizer. Once sanitizing solution is being dispensed, stop dispensing and allow the solution to sit for 5 minutes.
7. Repeat step 5 to flush out the sanitizing solution from the pump tubing.
8. Remove the mating connector from the bag connector.
9. Reattach the bag connector to product BIB.
10. Activate the Coffee Mild button until coffee appears, then dispense 2 8- ounce cups of coffee and discard

NOTE: Adapters are necessary for flushing and cleaning the product lines. They keep the check valve open during flushing. Adapters are available for purchase from Newco Enterprises, Inc. ([1-800-325-7867](tel:1-800-325-7867)) Newco also supplies BIB cleaning solutions that fit both Scholle and QCD connectors.

P/N 320282 QCD FLUSH ADAPTER

P/N 120508 SCHOLLE FLUSH ADAPTER

P/N 900083 EASY CLEAN CLEANER, SCHOLLE

P/N 900084 EASY CLEAN CLEANER, QCD

Service Notes & Troubleshooting

Call Newco Enterprises, Inc. for Software updates. (1-800-325-7867)

These error screens will display a service phone number to call if entered in "Setup" Menu (Page 13)



For QR Error Codes, see page 30.

Display Reads	Possible Cause(s)	Remedies	Notes
Fill Timeout Error	Water shut off to Machine	Check Water Supply Shutoff	Initial fill time longer than 6 minutes
	Supply Line Blocked or too small	Repair or Replace as needed	Fill time Longer than 1 Minute
	Water Filter Restricted	Replace-Service Required	Water Probe has a 60 second Hysteresis cycle
	Inlet Solenoid valve Faulty	Replace-Service Required	
	Control Board Failure	Replace-Service Required	
Thermistor Errors	Thermistor not plugged in	Make sure plug-in housing is latched	Open or Shorted Thermistor
	Faulty Thermistor	Replacement	
	Control Board Failure	Replace-Service Required	
Heater Errors	Faulty Thermistor	Replacement	4 Minute Continuous Heater Run
	Faulty Heater Element	Replace-Service Required	
	Control Board Failure	Replace-Service Required	

DRAINING THE HOT WATER TANK

THE DRAIN TUBE IS CONNECTED TO BLACK PLUG ON REAR LOWER PANEL OF MACHINE. TANK HOLDS APPROX 3/4 US GALLON.

THE HOT WATER TANK CAN BE DRAINED FROM THE REAR OF THE MACHINE – UNPLUG MACHINE FROM POWER SOURCE. **CAUTION-UNLESS THE TANK IS LEFT TO COOL THE WATER IS EXTREMELY HOT AND CAN CAUSE HARMFUL BURNS.** REPLACE DRAIN PLUG, ENSURE HOSE CLAMP IS TIGHT AND REPOSITION DRAIN HOSE BEFORE RE-FILLING THE HOT WATER TANK.

Service Notes & Troubleshooting “QR” Mode

The following Error Codes may appear if the codes are not entered correctly or there is an issue with the scanner unable to read the code. If there are issues, please call Newco Tech Services (1-800-556-3926) for help.

Oops!

Touchless QR Error

The requested drink is not enabled on this brewer. Please scan the code below with your smartphone camera to be taken to the drink menu to choose a different drink.



LCD Touch
<https://newcoconnect.com/qbrwqkf>

Oops!

Touchless QR Error

The requested drink options are not enabled on this brewer. Please scan the code below with your smartphone camera to be taken to the drink menu.



LCD Touch
<https://newcoconnect.com/qbrwqkf>

Oops!

Touchless QR Error

The requested drink size is not enabled on this brewer. Please scan the code below with your smartphone camera to be taken to the drink menu in order to choose a different size.



LCD Touch
<https://newcoconnect.com/qbrwqkf>

Oops!

Touchless QR Error

The requested drink strength is not enabled on this brewer. Please scan the code below with your smartphone camera to be taken to the drink menu in order to choose a different strength.



LCD Touch
<https://newcoconnect.com/qbrwqkf>

Oops!

Touchless QR Error

The QR code scanned is not recognized. Please scan the code below with your smartphone camera to be taken to the drink menu.



LCD Touch
<https://newcoconnect.com/qbrwqkf>

Oops!

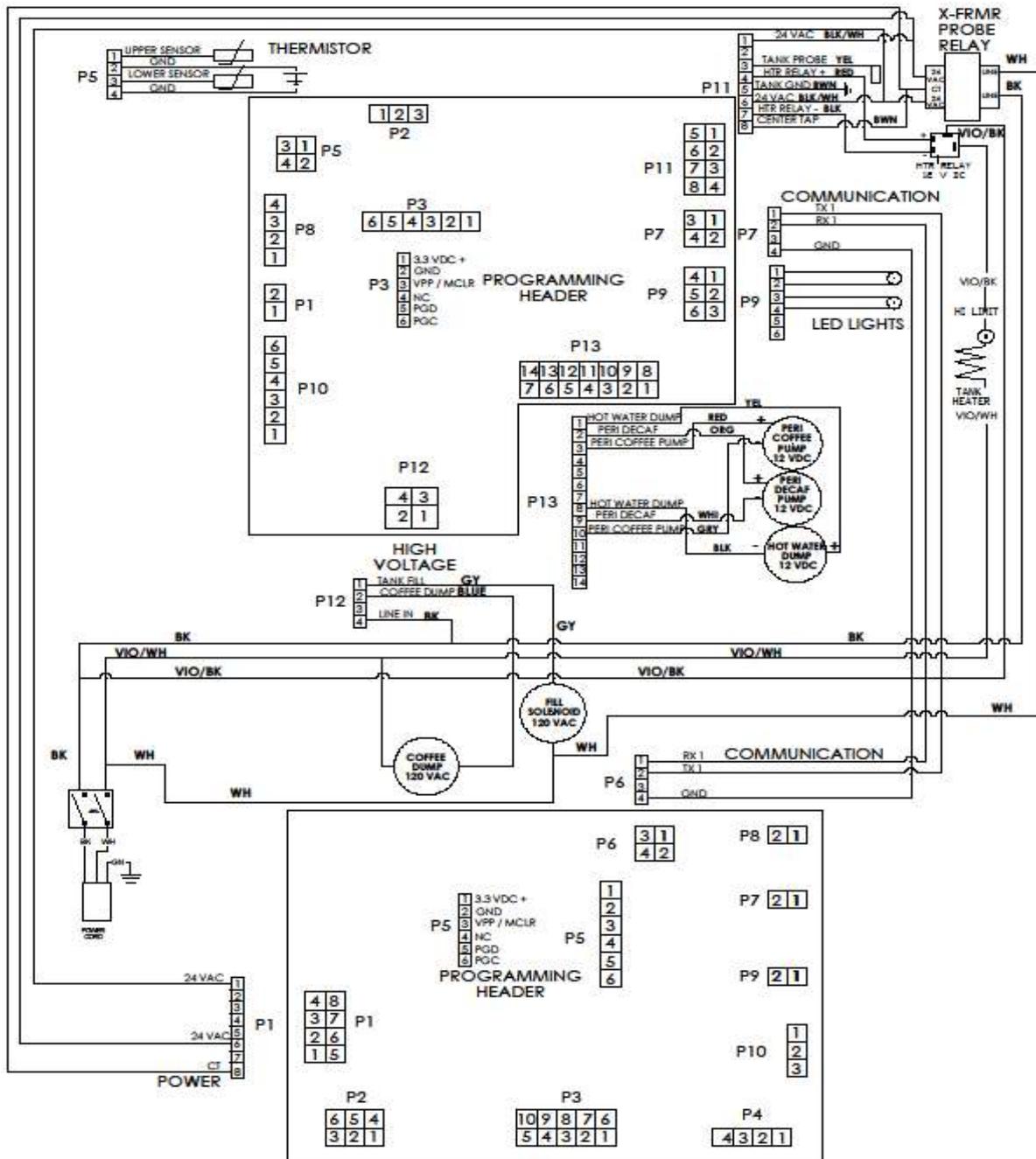
Touchless QR Error

The requested drink is not available on this brewer. Please scan the code below with your smartphone camera to be taken to the drink menu.



LCD Touch
<https://newcoconnect.com/qbrwqkf>

Wiring Diagram 120 VAC



Wiring Diagram 240 VAC

