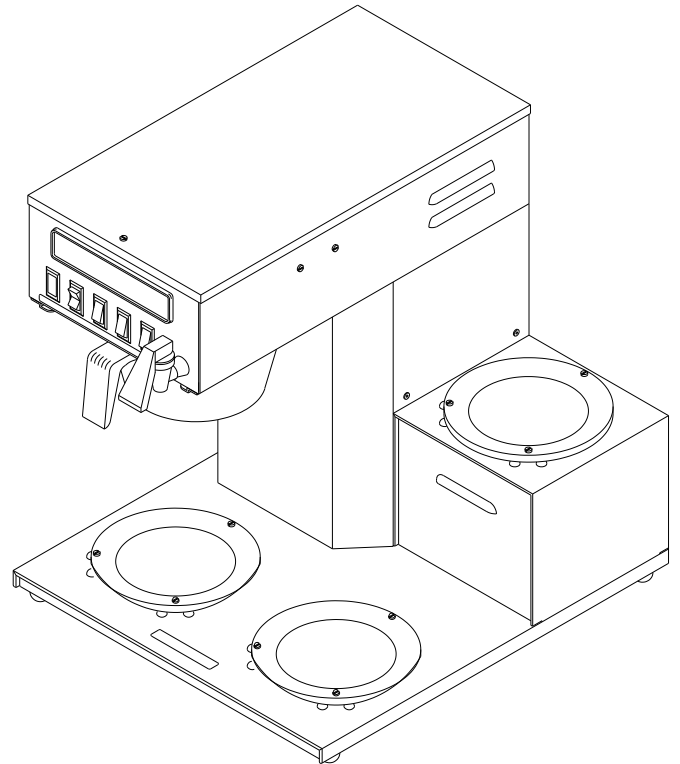
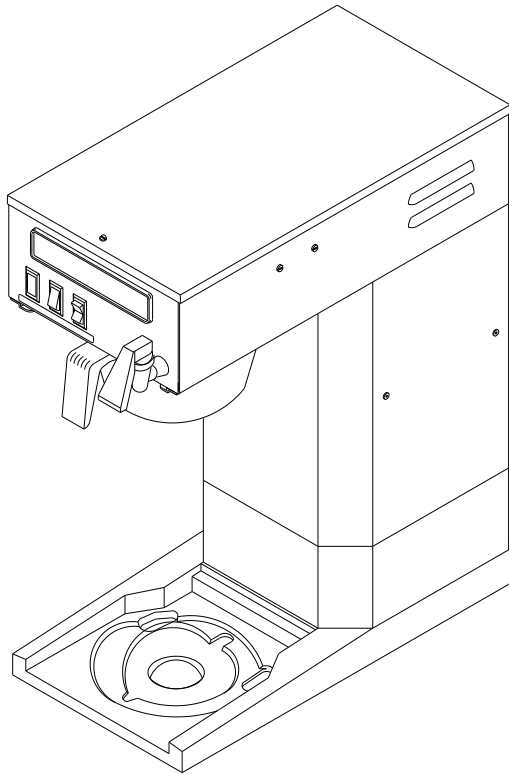


# NEWCO ENTERPRISES

## Installation/Operation Instructions For The FC Series Brewers



### PLUMBER'S INSTALLATION INSTRUCTIONS

- 1) Flush water line before installing brewer. Brewer should be connected to COLD WATER LINE for best operation.
- 2) Water pressure should be at least 20 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.
- 3) If installed with saddle valve, the valve should have a minimum of 1/8" port hole for up to 25 ft run, and 5/16" port hole for over 25 ft runs.
- 4) Connect incoming water line to the flow control attached to the elbow extending from the the back of the brewer. Manufacturer recommends connecting to copper tubing.

### 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 name plate.

- 1) Make sure that the On/Off switch located on the rear of the unit is turned off. This switch controls the tank elements and will prevent their being damaged prior to the tank being filled.
- 2) Plug or wire brewer to appropriate voltage circuit as indicated on serial tag. Turn lower warmer switch, or power switch on dispenser models, to the on position to supply power to the control board. The tank will begin to fill. The solenoid will shut off when the tank has filled. The brewer has a probe mounted on the tank lid.

This probe is designed to sense the water level in the tank. Brewer lid must be on in order for the probe to sense water level. If not on brewer electronics will automatically go into its backup safety timer circuit and turn the fill solenoid off in approximately 7.23 minutes.

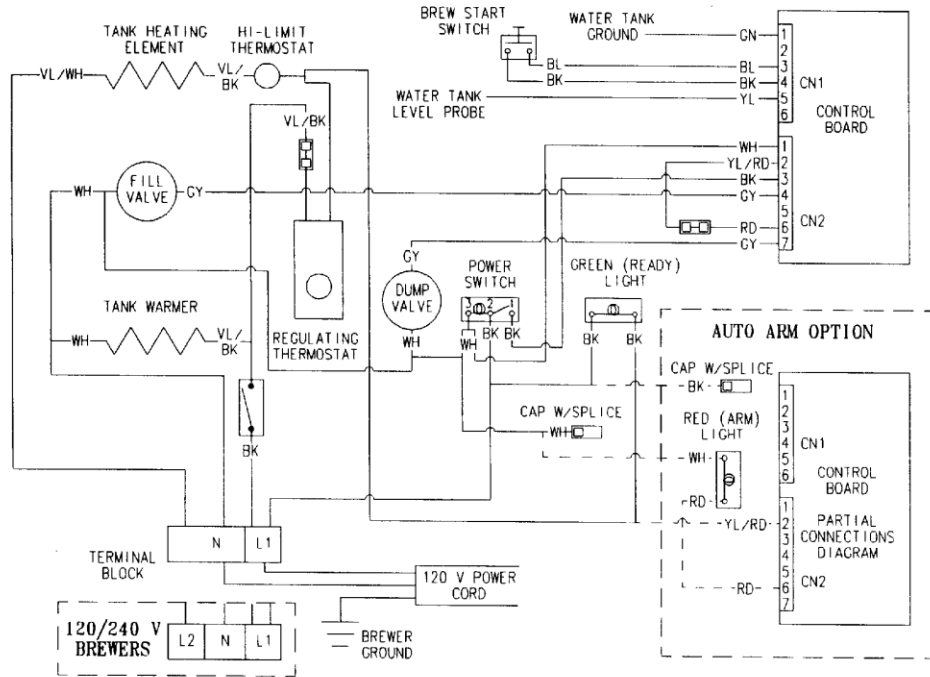
- 3) Turn the master switch (located in rear of equipment) to the ON position. This will activate the tank elements and the tank will begin to come up to operating temperature.
- 4) Place an empty decanter in position below the brew basket. With the decanter in place turn the lower warmer switch, power switch for dispenser models, to the ON position and depress brew start switch to begin a brew cycle, checking the volume of water delivered into decanter. Adjust timer, located in front of brewer under top cover, to deliver desired amount of water. Turn timer dial clockwise to increase volume of water, counter clockwise to decrease it.
- 5) Allow 10 to 15 minutes for water in tank to heat to brewing temperature. After water has reached brewing temperature (thermostat will click off and green ready light will be lit) run one cycle to check for the proper temperature setting with an accurate thermometer. Take the temperature of this water at a point below the brew basket opening, at the start of the brew cycle and when the decanter is half full. Recommended temperature of the water is approximately 195 F. (Note: Brew cycle may be canceled by turning the rocker switch back to the OFF position.)
- 6) In higher altitude locations (5000 feet above sea level) the thermostat may have to be adjusted lower to prevent boiling. Turning adjustment knob in a clockwise direction will decrease water temperature.
- 7) **CAUTION:** The water faucet will dispense hot water when the handle is depressed. The faucet system may be operated during brew cycle without yielding a short pot.

## COFFEE PREPARATION PROCEDURES

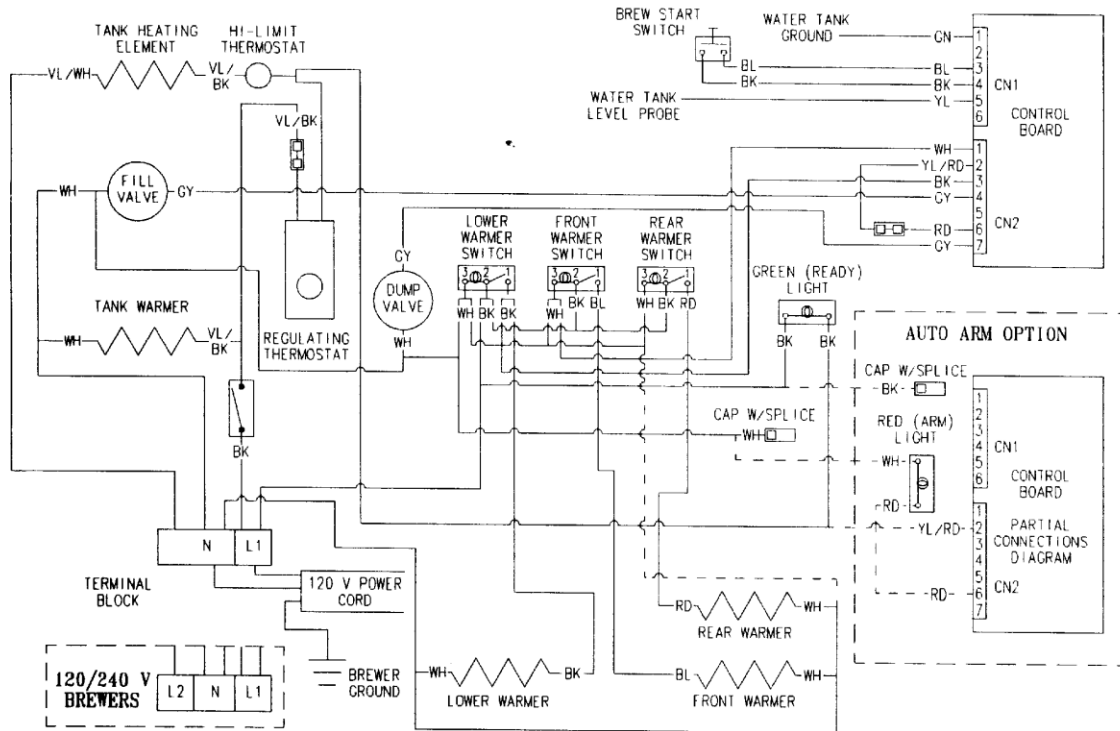
- 1) Place filter into brew basket.
- 2) Put the proper amount of coffee into the filter.
- 3) Slide the brew basket into holder.
- 4) Place the appropriate empty decanter into position below the brew basket. For airpots first open lid and remove pump stem. For other dispensers remove the lid unless it is a brew thru design. Turn lower warmer switch, or power switch for dispenser brewers, to the ON position.
- 5) Press brew start switch. (Brew cycle may be canceled by turning the lower warmer or power switch to the OFF position.)
- 6) Hot water will be delivered through the sprayhead. This distributes the hot water evenly over the coffee bed within the brew basket. The coffee brew will drain from the brew basket into the decanter below.
- 7) The resultant coffee brew should be crystal clear and have the desired properties attainable through excellent extraction.
- 8) For models with warming plates turn off warmers when not in use. Red light in switch indicates when warmer is on. Note: The solenoid will not run to replace water in tank that is drawn off from the faucet when the lower warmer switch, or power switch for dispenser models, is in the OFF position. However when the brew cycle is again initiated the tank will fill before cycle begins to prevent a short pot.
- 9) To clean brew basket simply remove from brew rails and dump filter into waste basket. The brewing process, as described above, can now be started again.

# WIRING DIAGRAMS

## THERMAL MODELS



## WARMER MODELS



# **WARRANTY**

**Applies to all equipment manufactured after 2/1/2017. 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 and Dispensers 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.**

**In no event shall Newco 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.**