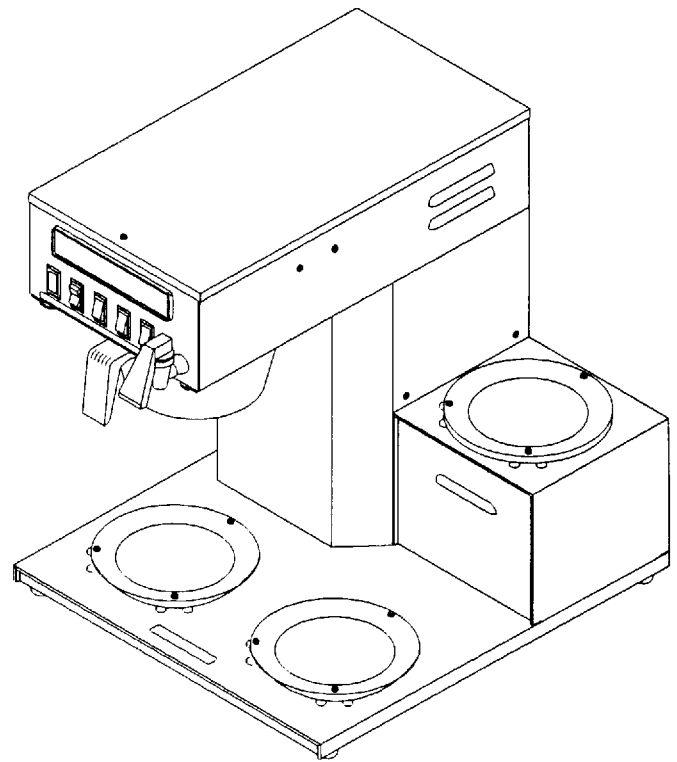
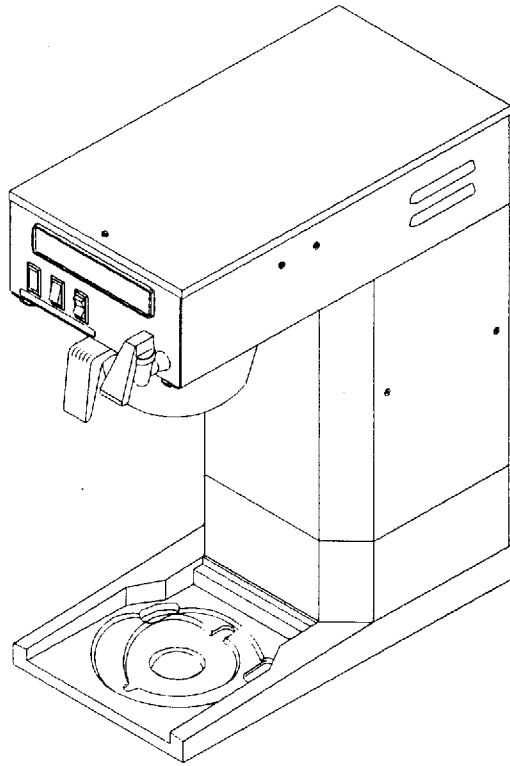


NEWCO ENTERPRISES

Installation/Operation Instructions For The FC Series Brewers.



WARRANTY - Newco coffee brewers are warranted against defects in workmanship or materials, under normal use, for 90 days from the date of purchase. Brewer parts are warranted against defect for 12 months from date of purchase.

Liability in all events is limited to the purchase price paid and liability under the aforesaid warranty is limited to replacing or repairing any part or parts which are defective in material or workmanship, and returned to our factory, shipping cost prepaid. No warranty expressed or implied, other than the aforesaid is made or authorized by Newco Enterprises, Inc.

Prompt disposition will be made if item proves to be defective, within warranty. Before returning any item, write or call Newco, or the dealer from whom the product was purchased, giving model number, serial number, and date of purchase, and describe nature of the defect. If damage was incurred during transit to you, file claim with the carrier.

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

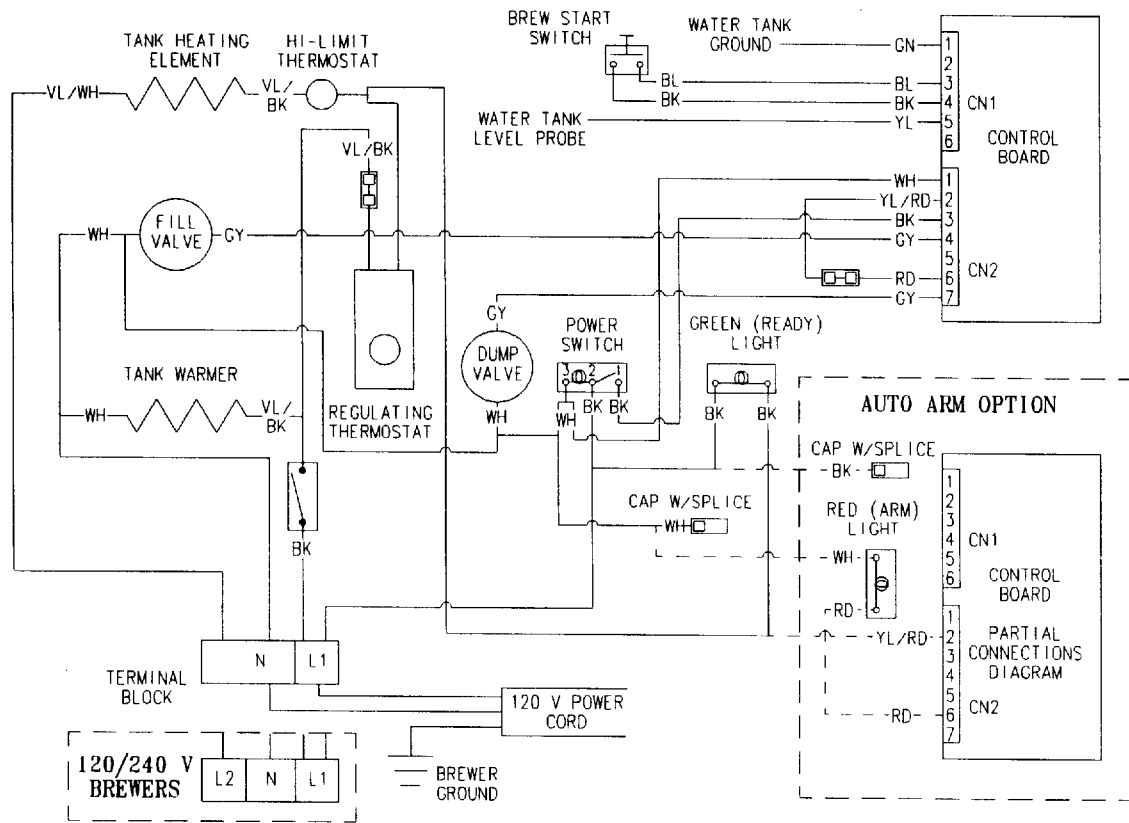
WARNING: - Read and follow installation instructions before plugging or wiring in machine to electrical circuit. Warranty will be void if machine is connected to any voltage other than that specified on the name plate.

- 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 airports 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.

THERMAL MODELS



WARMER MODELS

