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WILBUR CURTIS COMPANY, INC.

Service Manual – TCTS Sweet Tea

Models Included

- TCT with Sweet Tea Option

Important Safeguards/Conventions

This appliance is designed for commercial use. Any servicing other than cleaning and maintenance should be performed by an authorized Wilbur Curtis service center.

- *Do NOT immerse the unit in water or any other liquid*
- *To reduce the risk of fire or electric shock, do NOT open top or front panel. No user serviceable parts inside. Repair should be done only by authorized service personnel.*
- *Keep hands and other items away from hot parts of unit during operation.*
- *Never clean with scouring powders, bleach or harsh implements.*

Conventions

WARNINGS – To help avoid personal injury

Important Notes/Cautions – from the factory

Sanitation Requirements

Your Curtis G3 Brewer is Factory Pre-Set and Ready to Go… Right out of the Carton.
Following are the Factory Settings for your TCT Iced Tea Brewing System:

- *Brew Temperature = 204°F*
- *Brew Volume = Set to dispensing vessel requirements*

Generally there will never be a reason to change your G3 programming. However, should you need to make slight adjustments to meet your brewing needs, programming instructions are provided later in this manual.

System Requirements:

- *Water Source 20 – 90 PSI (Minimum Flow Rate of 1 GPM)*
- *Electrical: See attached schematic for standard model or visit www.wilburcurtis.com for your model.*

Equipment to be installed to comply with applicable federal, state, or local plumbing/electrical codes having jurisdiction.

CAUTION: DO NOT connect this brewer to hot water. The inlet valve is not rated for hot water.

CAUTION: Please use this setup procedure before attempting to use this brewer. Failure to follow the instructions can result in injury or the voiding of the warranty.

IMPORTANT: After setup, run a FULL brewcycle. Place a tea container to catch both hot water from the brewcone and dilution water from spout on the front cover.

SETUP STEPS *(Refer to Water & Power Hookup illustratioN)*

The unit should be level (left to right and front to back), located on a solid counter top. Connect a water line from the water filter to the brewer.

NOTE: Some type of water filtration device must be used to maintain a trouble-free operation. (In areas with extremely hard water, we suggest that a sedimentary and taste & odor filter be installed.) This will prolong the life of your brewing system and enhance tea quality.

NSF International requires the following water connection:

1. A quick disconnect or additional coiled tubing (at least 2x the depth of the unit) so that the machine can be moved for cleaning underneath.
2. This equipment is to be installed with adequate backflow protection to comply with applicable federal, state and local codes..
3. Water pipe connections and fixtures directly connected to a potable water supply shall be sized, installed and maintained in accordance with federal, state, and local codes.

1. *Plug in power cord.*
2. *Plumb water line. A 1/4" Flare has been supplied for water line connection. Use tubing sized sufficiently to provide a minimum of 1.0 GPM.*
3. *Connect the Bag-in-Box sweetener. Take the clear line with the QCD bag connector and hookup to the matching connector on the BIB sweetener (see Load Sweetener, page 4). Insert the other end into the sweetener connector, behind the brewer..*

ISO 9001 REGISTERED

WILBUR CURTIS COMPANY
Montebello, CA 90640

SETUP STEPS *(Continued)*

4 *Turn on the main power switch (bottom toggle switch, behind the brewer). The heating tank will start to fill. When the water level in the tank rises to the correct volume, the heating element will energize automatically. This eliminates the possibility of element burnout caused by an empty tank*

5. *Turn OFF the sweetener pump (top switch, behind the brewer).*

6. *The heating tank will require 20 to 30 minutes to reach operating temperature (204°F) indicated by READY-TO-BREW on the LCD readout.*

7. *Turn ON the sweetener pump at the toggle switch, behind the brewer. The pump will prime the sweetener product through the clear tubing.*

8. *Important: Allow the unit to run one full brewcycle, to purge the water lines and valves of air.*

   Five seconds of dilution water at the begining of each brewcycle is normal operating behavior and is pre-programmed into the system.

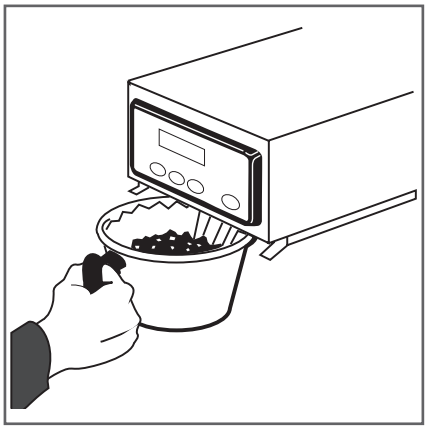
9. *The unit is ready for the next brew.*

BREWING INSTRUCTIONS

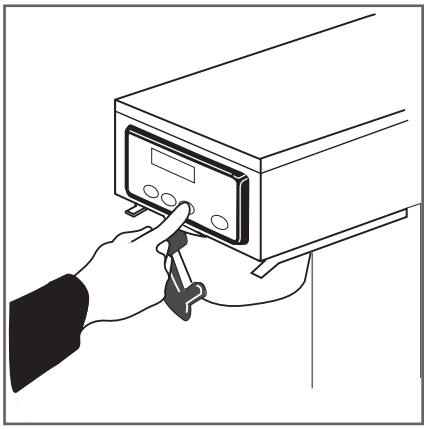
1. *Brewer should be ON (Confirm at rear toggle switch, then press ON/OFF button) and Ready-to-Brew displayed.*

2. *Place filter in brew basket. Pour leaf tea into basket.*

3. *Slide brew cone into brew rails. Place tea container on brew deck.*



4. *Select a BREW button and press to start a brewcycle.*



CAUTION HOT LIQUID, Scalding may occur. Avoid splashing.

Quick Start TCT-SWEET TEA

Your Curtis ADS System is Factory Pre-Set for Optimum Performance.

After connection to water and power; the rear toggle switch must be on. You will hear a beep sound, indicating power is available to the controller.

The control displays CURTIS *. Press ON/OFF button and the screen will display* <TCT G3> CURTIS *. After three seconds,* CURTIS FILLING *is displayed.*

Water will fill the tank (approximately 2-3 minutes depending on water flow rate). When the proper level is reached CURTIS HEATING *will appear on the screen. It takes approximately 20 minutes to reach setpoint temperature of 204°F.*

Control will display CURTIS READY TO BREW *when temperature reaches the setpoint (204°F). Unit is now ready to brew.*

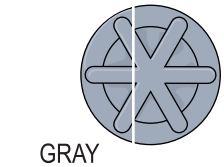
Programming

ENTER PROGRAMMING: Turn off at the ON/OFF button (yellow). Press and hold BREW button (green) and then press and release ON/OFF button (yellow).

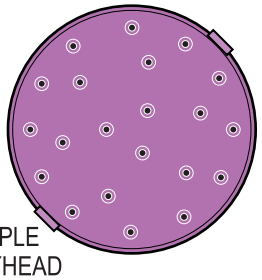
Continue holding BREW button. Display will read ENTERING PROGRAM MODE *, wait until* ENTER CODE - - - - *is displayed Enter the 4-digit access code, the digits 1-4 correspond to the buttons (see illustration below).*
The default code set at the factory is 1-2-3-4. Then PROGRAM MENU < SELECT > *will be displayed.*

IMPORTANT

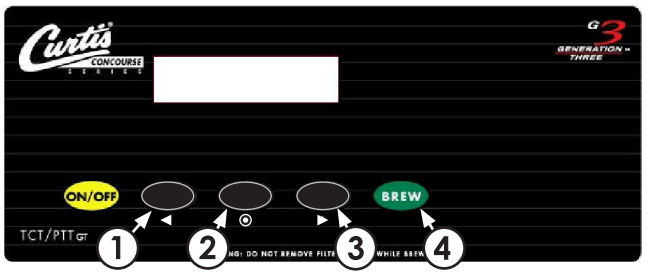
Current tea brewers are manufactured with **PURPLE** sprayheads. The UCM is comes programmed with Standard Tea Purple as the default.
Older units with the GRAY sprayhead use the same programming method but with a sliglhtly different menu sequence from the features listed below.



GRAY SPRAYHEAD



PURPLE SPRAYHEAD



All programming selections are performed with the three center buttons.
The symbols below the buttons are:

- ◁ *Scroll LEFT*
- ⊙ *SELECTION or ENTER to save new parameter*
- ▷ *Scroll RIGHT*

Exit Press ⊙ to select, exits program mode and returns unit to operation.

Program Menus
Program Menus screen. Press > button, to show the next menu item.

Tea Recipes
Tea Recipes (Factory set to Standard Tea Purple)
Press ⊙ to Select. Press < or > to scroll through recipes: Standard Gray, Standard Purple, Tropical Gray, tropical Purple, 76/308 Gray or 76/308 Purple. Press ⊙ to set.

Tea By Volume
Tea by Volume: Press ⊙ to select, Display will now show Push START To Begin... Press the BREW button then hot water starts running, when desired volume is reached press BREW button again to stop the flow. Now the volume has been set. Pressing > button will display the subsequent menu features.

Tea By Time
Tea by Time (Factory set to Standard Tea Purple)
Press ⊙ to Select. By pressing < or > buttons, you can view selections available: Standard Gray, Standard Purple, Tropical Gray, tropical Purple, 76/308 Gray or 76/308 Purple. Press ⊙ to set.

Tea Dilut Delay
Tea Dilution Delay (Factory set to Standard Tea Purple)
Press ⊙ to Select. Press < or > buttons, to view selections available: Standard Gray, Standard Purple, Tropical Gray, tropical Purple, 76/308 Gray or 76/308 Purple. Press ⊙ to set.

Tea Dilut Volume
Tea Dilution Volume: Press ⊙ to Select, Display will now show Push START To Begin... Press the BREW button and water will flow, when desired volume is reached press BREW button again to stop the flow. Now the volume has been set. Press > to display subsequent menu features.

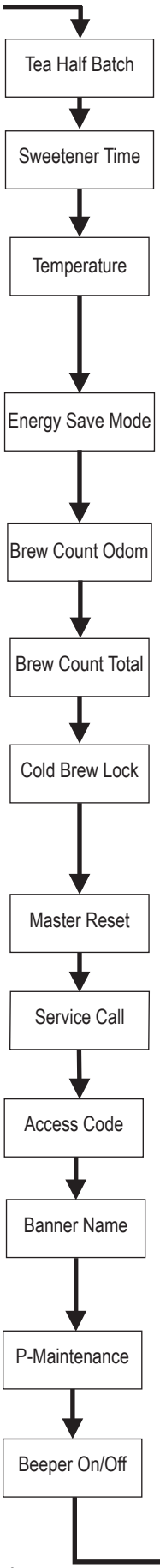
Tea Dilut Time
Dilution Time (Factory set to Standard Tea Purple)
Press ⊙ to Select. Press < or > buttons, to view selections available: Standard Gray, Standard Purple, Tropical Gray, tropical Purple, 76/308 Gray or 76/308 Purple. Press ⊙ to set.

Tea Dilut Stir
Tea Dilution Stir (Factory set to ON).
Press ⊙ to Select. Press < or > buttons, to view selections available: Standard Gray, Standard Purple, Tropical Gray, tropical Purple, 76/308 Gray or 76/308 Purple. Press ⊙ to set. Dilution Stir applies only to the Dilution cycle, by pulsing the dilution time 45 seconds on, 5 seconds off.

Tea Pulse Brew
Tea Pulse Brew (Factory set to OFF).
Press ⊙ to Select. Press < or > to toggle between OFF and ON.

Continued on Page 4

PROGRAM MENUS CONTINUED



Tea Half Batch (Factory set to OFF).
Press ⊙ to Select. Press < or > to toggle between OFF and ON. When ON, Half Batch Brew Button is activated.

Sweetener Time is only for tea brewers with the optional tea sweetening system (Factory set to 4 min, 5 sec.)
Press ⊙ to Select. Press < or > to toggle between minutes, seconds or exit. Pressing select ⊙ to choose minutes will increase the minutes. Press ⊙ to add minutes. Press < or > to move to seconds or exit.

Temperature (Factory set to Standard Gray & Purple)
Press ⊙ to Select. Press < or > to choose Standard Gray and Purple 204ºF and then ⊙ to set. Tropical Gray and Purple and 76/308 Gray & Purple 196ºF are the other selections. Temperature range, from 170ºF to 208ºF in 2-degree increments.

Energy Save Mode (Factory set to OFF)
Press ⊙ to Select, < or > ON, OFF or ON 140ºF , ⊙ to set. When in ON, unit will automatically shut off 4 hours from last brew. When feature is OFF, unit does not have the energy saving mode. In the ON 140ºF position, temperature goes down to 140ºF. if unit has not brewed in 4 hours. This saves energy by lowering the tank temperature during periods of non-operation.

Brew Count Odom.
Press ⊙ to display total brew cycles. Press ex or Reset Brew Count Total. Press ⊙ to Select, Shows total gallons and total brew cycles on the unit. Not resettable.

Brew Count Total
Press ⊙ to Select, Shows total gallons and total brew cycles on the unit. Not resettable.

Cold Brew Lock . . . (Factory set to 5º F)
Press ⊙ to select, < or > to select desired setting (CBL 5, 15 or OFF),⊙ to set.
The Cold Brew Lock feature allows the brewer to brew at three different temperature levels from the actual set point. The first setting is within 5 degrees of set point, next is within 15 degrees of set point, OFF is within 30 degrees of set point for the Ready to Brew message, however it will brew at any temperature.

Master Reset
Press ⊙ to display Are You Sure? Then < for Yes, > for No. When Master Reset is used, the all of the menu selctions in the UCM return to factory defaults.

Service Call (Phone number Factory set to [800] 995-0417)
Press ⊙ to display number and change number or < to move place and EX to exit when complete. This number will be displayed during a Heating system SENSOR ERROR or during a WATER ERROR.

Access Code (Factory set to 1-2-3-4)
Press ⊙ to display number and change number, (the number can be changed 1 to 4) or < to move place and ex to exit.

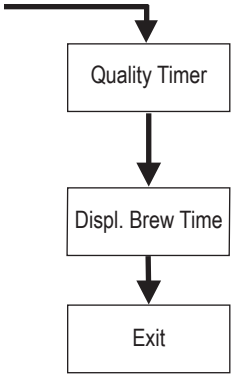
Banner Name (Factory set to WILBUR CURTIS)
Press ⊙ to display letters and change letters or < to move place and EX to exit. This feature allows up to 14 letters to be programmed for company name. Programming all blanks disables Banner Name. Banner Name is displayed 5 sec. on and off.

P-Maintenance (Factory set to OFF)
Press ⊙ to Select, Set gallons brewed to indicate P-Maintenance. Press < or > to adjust from Off to 3000 gal. Press ⊙ to exit.

Beeper On/Off (Factory set to ON)
Press ⊙ to display ON or OFF. Pressing either < or > toggles between on and off. ⊙to set. When ON, the unit will emit a short beep each time a button is pressed.

Continued on Page 5

PROGRAM MENUS CONTINUED



Press ⊙ to Select. Press < or > to adjust from 1 to 10 hours in 1 hour increments. Timing starts when a brew button is pressed. When time expires, the UCM will emit an audio alarm and the words Quality Timer will appear flashing on the screen.

Display Brew Time (Factory set to ON)
Press ⊙ to display ON or OFF. Pressing either < or > toggles between on and off. When ON brew time displays and counts down (during the brew cycle). When OFF, only the word Brewing is displayed during the brew cycle.

Exit
Press ⊙ to select, exits program mode and returns unit to operation.

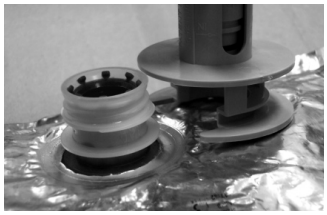
Tank Temperature Check

Turn on brewer at the control panel ON/OFF button. Press and hold (3) button (see illustration, page 2) for 5 seconds. Water Temperature will be displayed (temperature in heating tank).

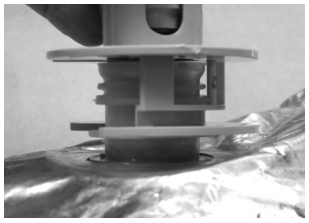
SWEETENER CONNECTION PROCEDURE

Bag-In-Box

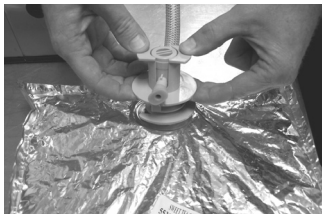
1. *Pull off the shipping cap that covers the spout on the bag.*



2. *Place the QCD next to the spout.*



3. *Slide QCD sideways, over the bag spout. QCD snaps in place.*



4. *Push QCD plunger into bag spout until plunger top is flush with top of QCD. A "click" will be heard when it is fully inserted.*

WARNING DO NOT refrigerate unused tea overnight for later consumption.

TEA TIPS

- *Store tea bags in a dark, cool and dry place away from strong odors and moisture. Do not refrigerate.*
- *Do not hold brewed tea overnight.*
- *Make sure your equipment is clean at all times. Clean tea-brewing equipment at least once a day.*
- *Sanitize equipment at least once per week.*
- *Do not let fresh-brewed iced tea sit at room temperature for more than 8 hours.*

As with other food products, if you adhere to proper preparation, holding and sanitation procedures, fresh-brewed iced tea is a safe beverage.
The primary cause for high bacteria counts found in tea from food service businesses is related to excessive holding times and/or poor cleaning and sanitizing procedures.

TEA BREWER CLEANING

IMPORTANT: Clean out the screen, within the brewcone, to maintain the flow of brewed tea. Neglecting this screen will eventually cause the brewcone to overflow, spilling hot liquid over the unit.

CAUTION: DO NOT use undiluted bleach or chlorine.

CAUTION: Never remove faucet when container is full. Drain container first.

SWEET TEA MIXING SYSTEM CLEANING & SANITIZING

DAILY

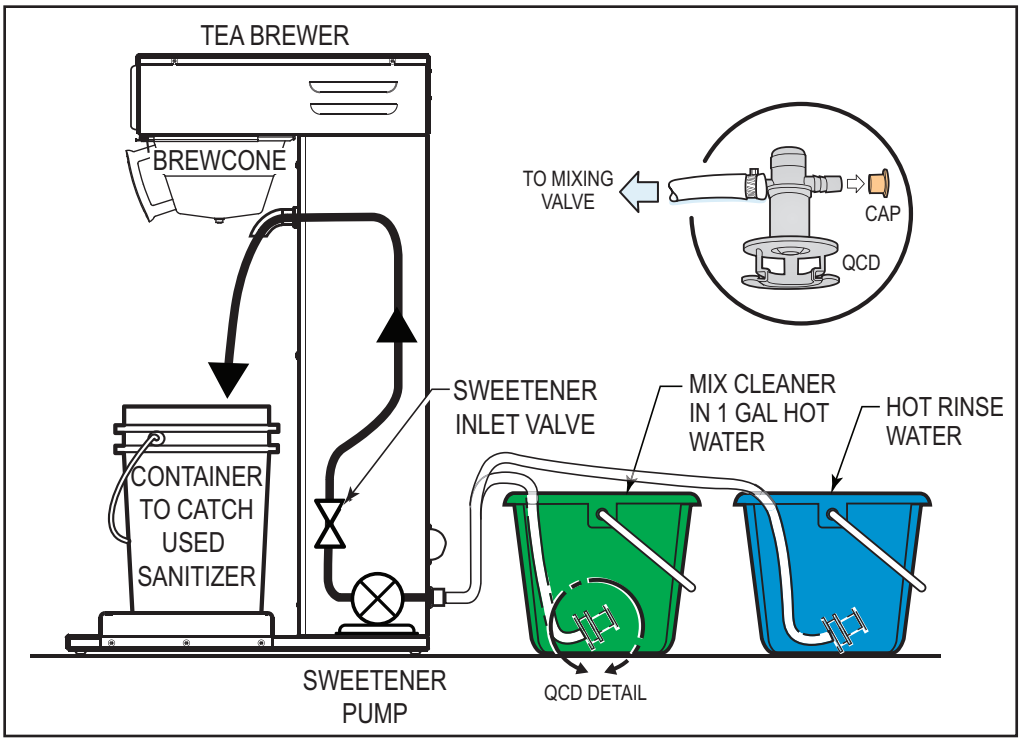
1. *Wipe any spills, dust or debris from the exterior surfaces with a damp cloth. The outside surfaces of the brewer should be cleaned with stainless steel polish only, to prevent scratches.*
2. *Clean the sprayhead and domed area around the sprayhead with a mild detergent and warm water solution. Scrub well to remove residue. Rinse with and clear water. Dry with clean cloth.*
3. *Remove the plastic brewcone and wash with a detergent solution or put through a dishwasher.*
4. *Wash the tea container.*
   - *A. Clean container and top cover with a detergent solution.*
   - *B. Remove the faucet assembly. Unscrew the handle assembly from the faucet and remove. Clean the faucet shank with a gauge glass brush (circular bristle) by pushing the brush through the shank.*
   - *C. Unscrew the bonnet assembly from the faucet. Brush clean the faucet body inlet and outlet. Clean the faucet cap and silicone seat cup. Dry and assemble parts.*

WEEKLY CLEANING & SANITIZING

The brewer is programmed for the sweetener to pour into the tea at the end of the brewcycle. Setting the brewer to Tea Fast Brew can speed up the cleaning procedure (see page 3 and 4 for programming instructions to turn on Tea Fast Brew).

Use a concentrated cleaning solution to simplify the cleaning procedure. This procedure requires a one gallon bucket of a cleaning solution of hot water and a granulated concentrated cleaner (a cleaner like Coffee Dispenser Cleaner Corporation #12580, Urnex or equivalent) and a one gallon bucket of clean hot water.

1. *Make sure brewer is on and water supply is hooked up.*
2. *Remove the quick disconnect from the tea sweetener bag-in-box product.*
3. *Pull the cap off of the QCD and place this end of the line into the container containing the cleaning solution (see illustration below).*

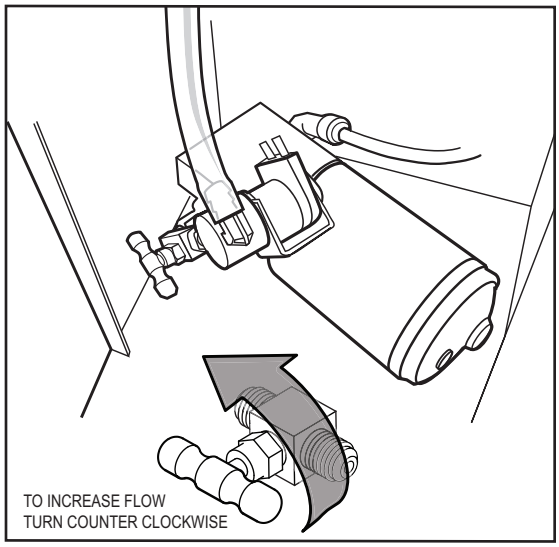


4. *Place an empty tea container on the brew deck and an empty brewcone into the rails below the sprayhead.*
5. *Press the SWEET TEA brew button to run one complete brewcycle.*
6. *Allow the brewer to sit overnight with the cleaning solution in the sweetener line before flushing cleaning solution.*
7. *Flush the system by filling a one gallon container with clean hot water (no cleaning solution) and press the SWEET TEA brew button to run a brewcyle until all the cleaning solution has been flushed from the system.*
8. *Discard solution that poured into the container.*
9. *Remove the QCD from the flushing container and replace the cap. Reconnect the QCD to the Bag in the Box sweetener.*
10. *If desired, reset Tea Fast Brew to OFF. The unit is ready to resume brewing.*

ADJUSTING SWEETENER STRENGTH:

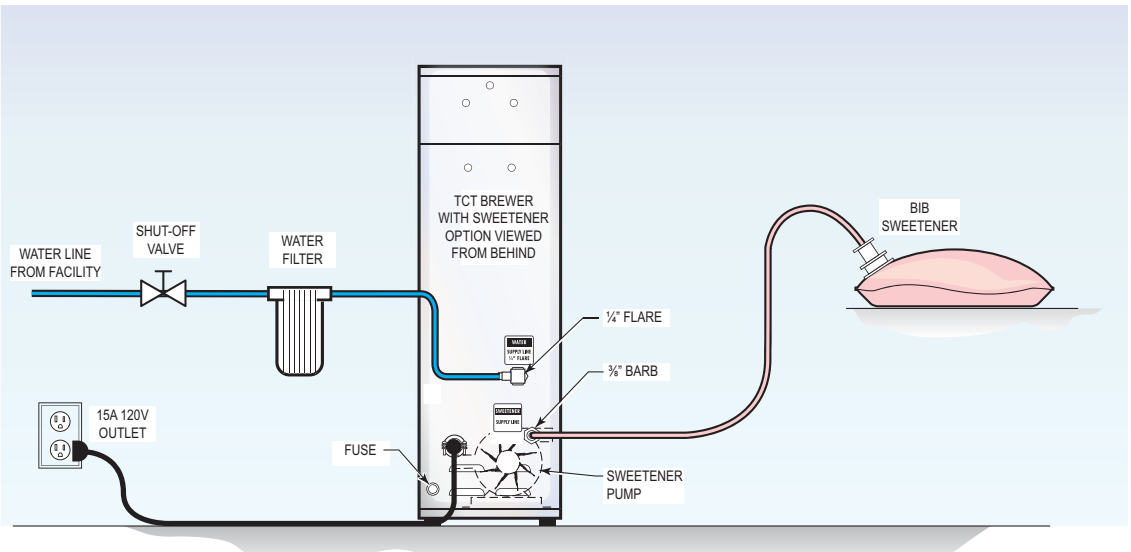
The amount of sweetener is determined by a needle valve, accessed through the front panel. The sweetener line runs into the brewer through a fitting behind the unit.

1. *Open the front panel, attached by 6 screws.*
2. *Locate the needle valve.*
3. *Adjust the needle valve. Turning clockwise will decrease the amount of sweetener. Turning the knob counterclockwise will increase the flow of sweetener.*
4. *Replace the front cover. At this time, there is no need to tighten the screws.*
5. *Place an empty tea container on the brew deck.*
6. *Fill the brewcone with the actual tea you'll be brewing. Run a brewcycle by pressing the BREW button marked SWEETENED TEA.*
7. *When the brewcyle has finished, taste the tea to determine how your adjustment has changed the sweetness of the tea. If needed repeat steps 1 through 3 to make additional adjustments for more or less sweetener.*
8. *When the adjustment is correct, replace the front cover.*

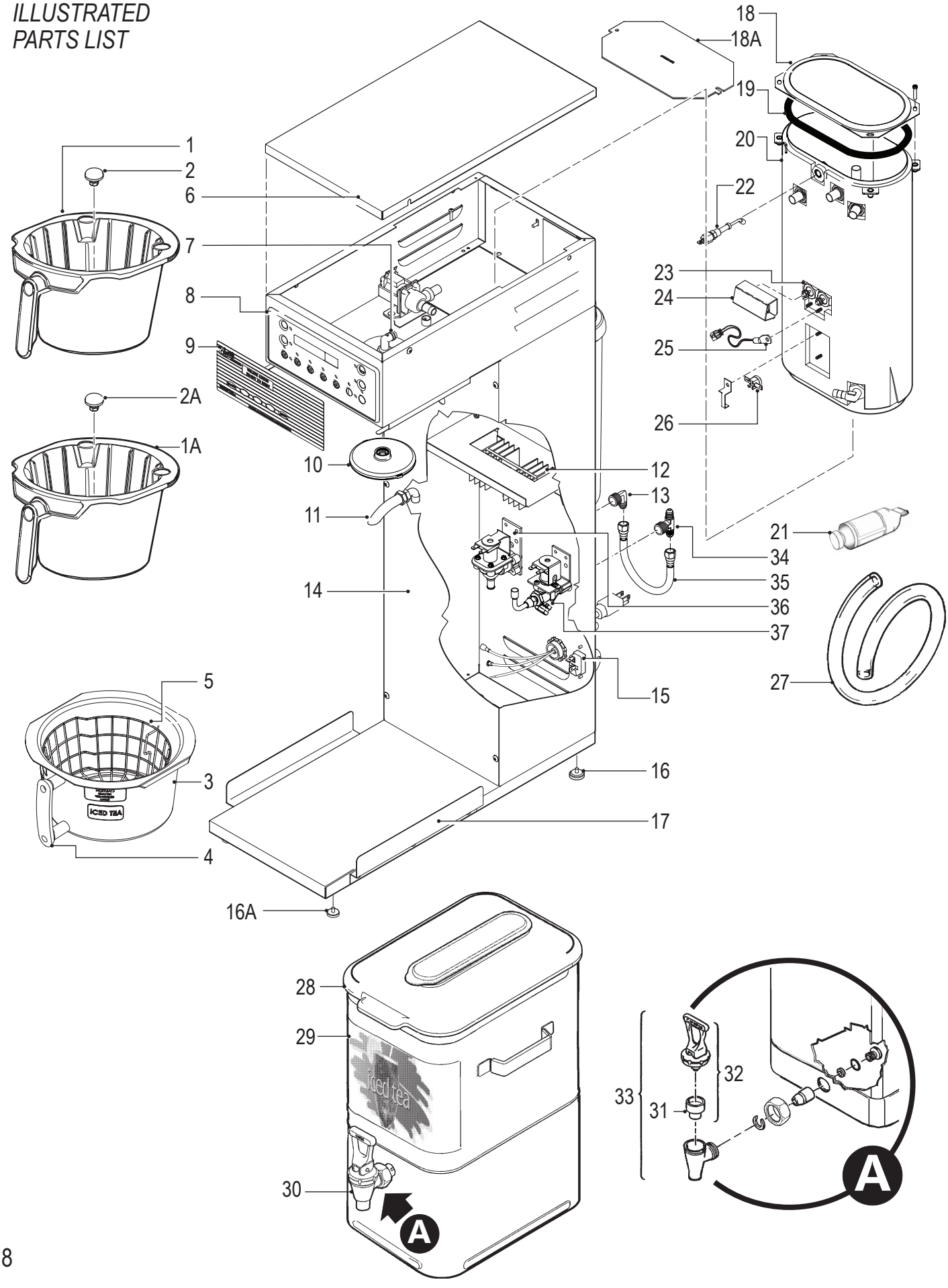


View of Sweetener Adjustment Valve Inside Front Cover.

WATER & POWER LAYOUT



ILLUSTRATED PARTS LIST



PARTS LIST

Illustrated Parts List - TCTS/T

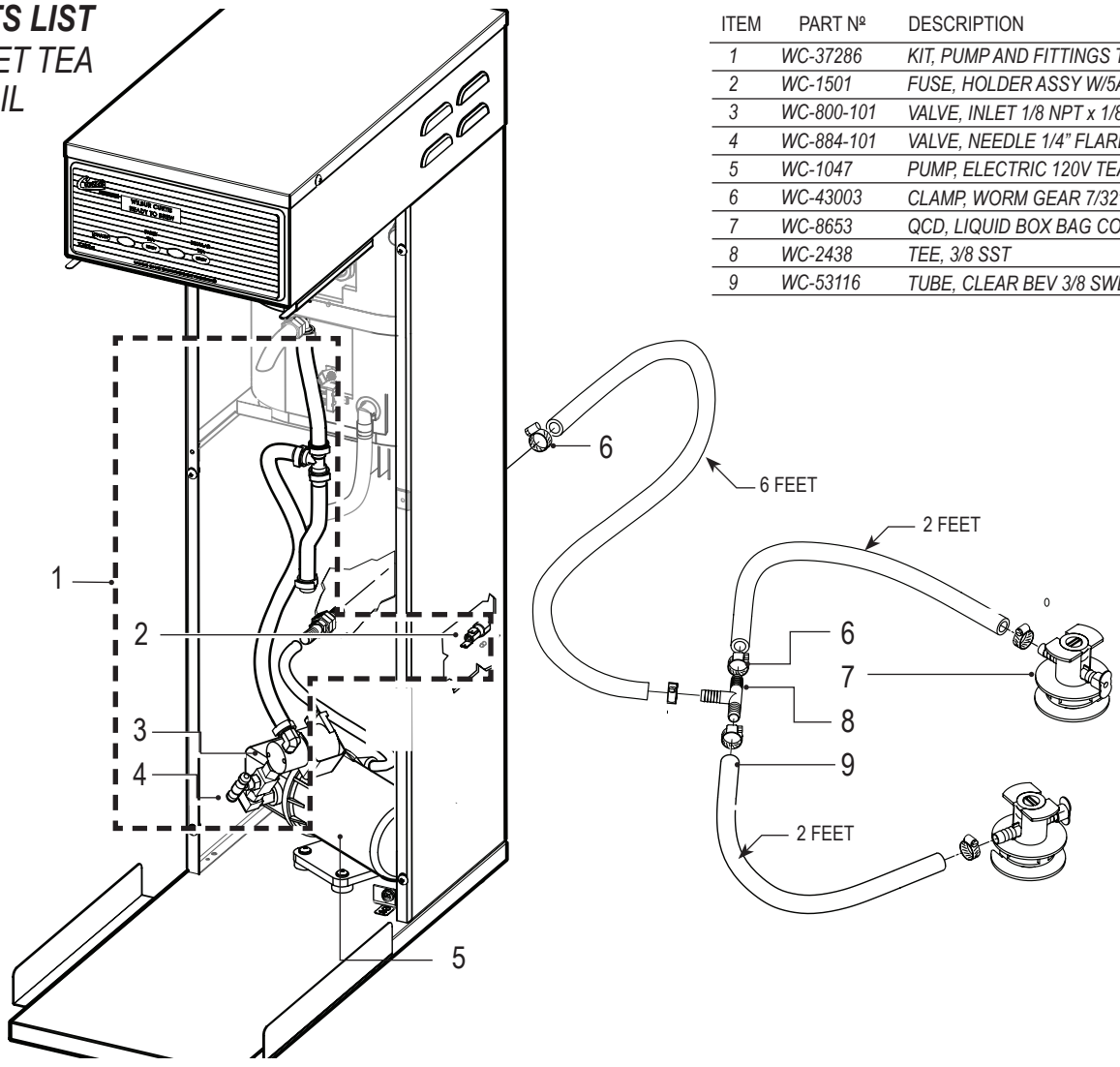
ITEM	PART Nº	DESCRIPTION
1	*WC-37256*	*KIT, BREW CONE GOURMET PLASTIC FOR TEA UNITS*
1A	*WC-37239*	*KIT, BREW CONE GOURMET PLASTIC (PARADISE TEA)*
2	*WC-3647*	*STRAINER BT-10 BREWCONE TEA UNITS*
2A	*WC-8532*	*STRAINER, BREWCONE (PARADISE TEA)*
3	*WC-33001-101*	*BREWCONE ASSY, TEA W/STRAINER (OPTIONAL)*
4	*WC-3201*	*HANDLE, BREW CONE BLACK (FOR WC-33001-101)*
5	*WC-3353*	*WIRE BASKET, LARGE CAPACITY (OPTIONAL)*
6	*WC-58117*	*COVER, TOP BREWER*
7	*WC-2977-101*	*FITTING ASSY, SPRAYHEAD W/O-RING*
8	*WC-37276**	*UCM KIT, LABEL & OVERLAY 120V TCTS/T*
9	*WC-39600**	*LABEL, UCM OVERLAY TCT SWEET TEA CURTIS LOGO*
9A	*WC-39683*	*LABEL, UCM OVERLAY SWEET W/HALF BATCH CURTIS*
10	*WC-29025**	*SPRAYHEAD, PURPLE ADVANCE FLOW*
10A	*WC-2942*	*SPRAYHEAD, GRAY (OLDER UNITS)*
11	*WC-2965*	*SPOUT, BYPASS ASSEMBLY*
12	*WC-8556**	*HEAT SINK ASSY DV*
13	*WC-2401*	*ELBOW, 3/8 NPT X 1/4 FLRE PLTD*
14	*WC-58017*	*COVER, CENTER WRAP TCTS TCTDP-35S*
14A	*WC-58021*	*COVER, FRONT CENTER WRAP TCTT/TCTD-35*
15	*WC- 102**	*SWITCH, TOGGLE SPST 25A 125/250VAC RESISTIVE*
16	*WC-3518*	*LEG, GLIDE 3/8"-16 STUD SCREW*
16A	*WC-3503*	*LEG, 8-32 STD SCREW BUMPER*

ITEM	PART Nº	DESCRIPTION
17	*WC-8531*	*RAIL, BASE TCTD*
18	*WC5853-102*	*COVER, TOP HEATING TANK GEN USE*
18A	*WC-5851*	*COVER, TANK W NOTCHES (MADE BEFORE 4/08)*
19	*WC-43062*	*GASKET, TANK LID*
20	*WC-6277*	*TANK ASSY, COMPLETE TEA BREWER*
21	*WC-5231**	*COMPOUND SILICONE 5 OZ*
22	*WC-5502-01**	*PROBE ASSY, W/HEX FITTING, O'RING & NUT*
23	*WC- 904-04**	*ELEMENT, HEATING 1.6KW 120V W/JAM NUTS*
24	*WC-4394*	*SHOCK GUARD, HEATING ELEMENT*
25	*WC-1438-101**	*SENSOR, TEMPERATURE TANK*
26	*WC- 521**	*THERMOSTAT, HIGH LIMIT*
27	*WC-5310**	*TUBING, 5/16" ID X 1/8" W SILICONE*
28	*WC-5683*	*LID ASSY, TCO*
29	*WC-38471*	*LABEL, FRONT TCO-308, TCO417, TCO419, TCO421*
30	*WC-1803*	*FAUCET, SPB*
31	*WC-1805**	*SEAT CUP, FAUCET S'*
32	*WC-3707**	*KIT, REPAIR SPB FAUCET*
33	*WC-37260**	*KIT, FAUCET W/ADAPTER COMPLETE*
34	*WC-2707*	*TEE, FLARE ¼ x ¼ x ⅜ BRASS*
35	*WC-53038*	*TUBE ASSY, FLEXIBLE 1/4 FLARE 11-1/8"*
36	*WC- 826L**	*VALVE, INLET 1 GPM 120V 10W*
37	*WC- 801**	*VALVE, INLET BRASS .50 GPM 120V 10W RU/WB*

** Recommended parts to stock*

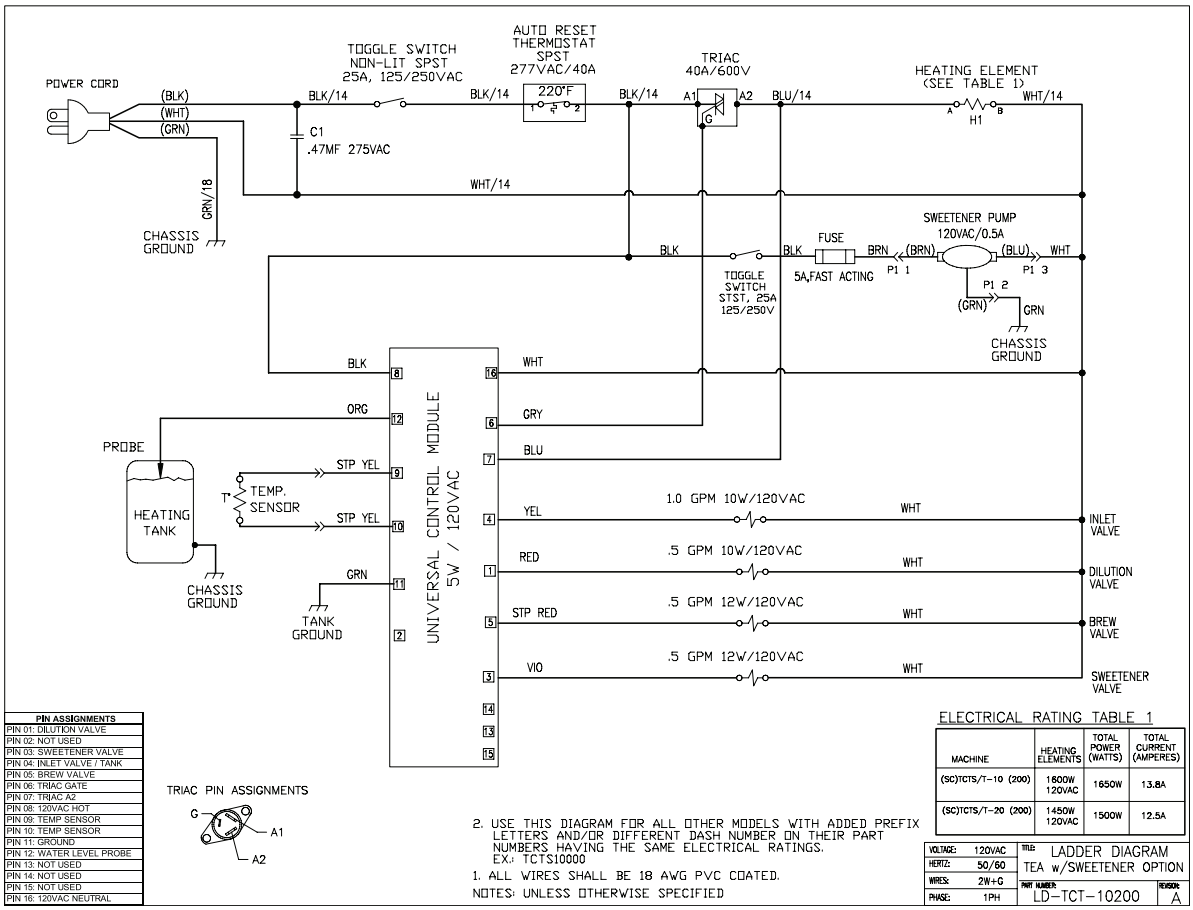
PARTS LIST

SWEET TEA DETAIL



ITEM	PART Nº	DESCRIPTION
1	*WC-37286*	*KIT, PUMP AND FITTINGS TEA SWEETENER*
2	*WC-1501*	*FUSE, HOLDER ASSY W/5A FUSE*
3	*WC-800-101*	*VALVE, INLET 1/8 NPT x 1/8 NPT*
4	*WC-884-101*	*VALVE, NEEDLE 1/4" FLARE TO FLARE SS*
5	*WC-1047*	*PUMP, ELECTRIC 120V TEA SWEETENER*
6	*WC-43003*	*CLAMP, WORM GEAR 7/32"-5/8" SS*
7	*WC-8653*	*QCD, LIQUID BOX BAG CONNECTOR*
8	*WC-2438*	*TEE, 3/8 SST*
9	*WC-53116*	*TUBE, CLEAR BEV 3/8 SWEETENER SYS*

ELECTRICAL SCHEMATIC



PIN ASSIGNMENTS
PIN 01: DILUTION VALVE
PIN 02: NOT USED
PIN 03: SWEETENER VALVE
PIN 04: INLET VALVE / TANK
PIN 05: BREW VALVE
PIN 06: TRIAC GATE
PIN 07: TRIAC A2
PIN 08: 120VAC HOT
PIN 09: TEMP SENSOR
PIN 10: TEMP SENSOR
PIN 11: GROUND
PIN 12: WATER LEVEL PROBE
PIN 13: NOT USED
PIN 14: NOT USED
PIN 15: NOT USED
PIN 16: 120VAC NEUTRAL

TRIAC PIN ASSIGNMENTS

ELECTRICAL RATING TABLE 1

MACHINE	HEATING ELEMENTS	TOTAL POWER (WATTS)	TOTAL CURRENT (AMPERES)
(SC)TCTS/T-10 (200)	1600W 120VAC	1650W	13.8A
(SC)TCTS/T-20 (200)	1450W 120VAC	1500W	12.5A

2. USE THIS DIAGRAM FOR ALL OTHER MODELS WITH ADDED PREFIX LETTERS AND/OR DIFFERENT DASH NUMBER ON THEIR PART NUMBERS HAVING THE SAME ELECTRICAL RATINGS.
EX.: TCTS10000

1. ALL WIRES SHALL BE 18 AWG PVC COATED.

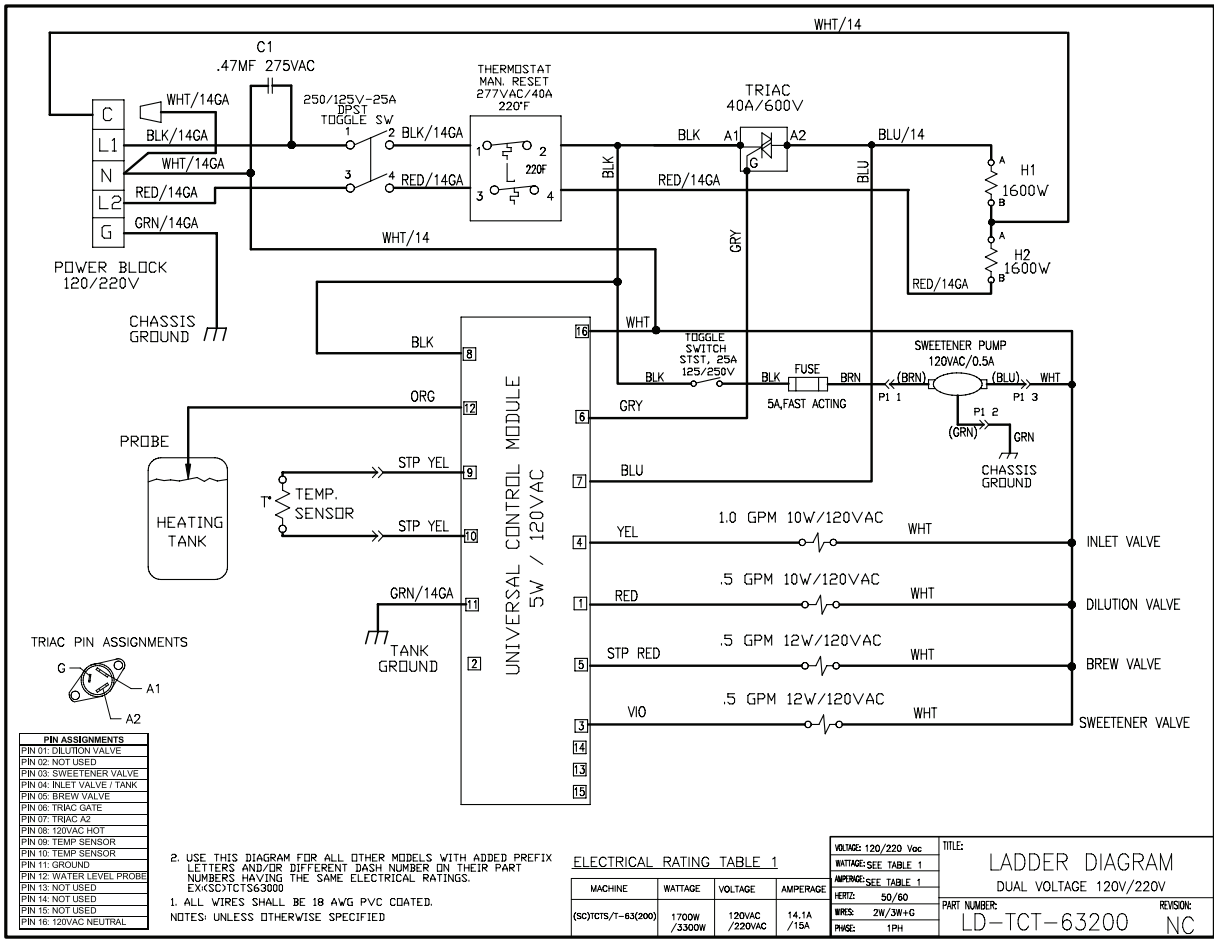
NOTES: UNLESS OTHERWISE SPECIFIED

VOLTAGE:	120VAC
HERTZ:	50/60
WIRES:	2W+G
PHASE:	1PH

TITLE: LADDER DIAGRAM
TEA w/SWEETENER OPTION

PART NUMBER: LD-TCT-10200

REVISION: A



TRIAC PIN ASSIGNMENTS

PIN ASSIGNMENTS
PIN 01: DILUTION VALVE
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PIN 13: NOT USED
PIN 14: NOT USED
PIN 15: NOT USED
PIN 16: 120VAC NEUTRAL

2. USE THIS DIAGRAM FOR ALL OTHER MODELS WITH ADDED PREFIX LETTERS AND/OR DIFFERENT DASH NUMBER ON THEIR PART NUMBERS HAVING THE SAME ELECTRICAL RATINGS.
EX:(SC)TCTS63000

1. ALL WIRES SHALL BE 18 AWG PVC COATED.

NOTES: UNLESS OTHERWISE SPECIFIED

ELECTRICAL RATING TABLE 1

MACHINE	WATTAGE	VOLTAGE	AMPERAGE
(SC)TCTS/T-63(200)	1700W /3300W	120VAC /220VAC	14.1A /15A

VOLTAGE:	120/220 Vac
WATTAGE:	SEE TABLE 1
AMPERAGE:	SEE TABLE 1
HERTZ:	50/60
WIRES:	2W/3W+G
PHASE:	1PH

TITLE: LADDER DIAGRAM
DUAL VOLTAGE 120V/220V

PART NUMBER: LD-TCT-63200

REVISION: NC

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Product Warranty Information

The Wilbur Curtis Company certifies that its products are free from defects in material and workmanship under normal use. The following limited warranties and conditions apply:

3 Years, Parts and Labor, from Original Date of Purchase on digital control boards.

2 Years, Parts, from Original Date of Purchase on all other electrical components, fittings and tubing.

1 Year, Labor, from Original Date of Purchase on all electrical components, fittings and tubing.

Additionally, the Wilbur Curtis Company warrants its Grinding Burrs for Forty (40) months from date of purchase or 40,000 pounds of coffee, whichever comes first. Stainless Steel components are warranted for two (2) years from date of purchase against leaking or pitting and replacement parts are warranted for ninety (90) days from date of purchase or for the remainder of the limited warranty period of the equipment in which the component is installed.
All in-warranty service calls must have prior authorization. For Authorization, call the Technical Support Department at 1-800-995-0417. Effective date of this policy is April 1, 2003.
Additional conditions may apply. Go to www.wilburcurtis.com to view the full product warranty information.

CONDITIONS & EXCEPTIONS
The warranty covers original equipment at time of purchase only. The Wilbur Curtis Company, Inc., assumes no responsibility for substitute replacement parts installed on Curtis equipment that have not been purchased from the
Wilbur Curtis Company, Inc. The Wilbur Curtis Company will not accept any responsibility if the following conditions are not met. The warranty does not cover and is void under the following circumstances:

1) Improper operation of equipment: The equipment must be used for its designed and intended purpose and function.
2) Improper installation of equipment: This equipment must be installed by a professional technician and must comply with all local electrical, mechanical and plumbing codes.
3) Improper voltage: Equipment must be installed at the voltage stated on the serial plate supplied with this equipment.
4) Improper water supply: This includes, but is not limited to, excessive or low water pressure, and inadequate or fluctuating water flow rate.
5) Adjustments and cleaning: The resetting of safety thermostats and circuit breakers, programming and temperature adjustments are the responsibility of the equipment owner. The owner is responsible for proper cleaning and regular maintenance of this equipment.
6) Damaged in transit: Equipment damaged in transit is the responsibility of the freight company and a claim should be made with the carrier.
7) Abuse or neglect (including failure to periodically clean or remove lime accumulations): Manufacturer is not responsible for variation in equipment operation due to excessive lime or local water conditions. The equipment must be maintained according to the manufacturer's recommendations.
8) Replacement of items subject to normal use and wear: This shall include, but is not limited to, light bulbs, shear disks, "0" rings, gaskets, silicone tube, canister assemblies, whipper chambers and plates, mixing bowls, agitation assemblies and whipper propellers.
9) Repairs and/or Replacements are subject to our decision that the workmanship or parts were faulty and the defects showed up under normal use. All labor shall be performed during regular working hours. Overtime charges are the responsibility of the owner. Charges incurred by delays, waiting time, or operating restrictions that hinder the service technician's ability to perform service is the responsibility of the owner of the equipment. This includes institutional and correctional facilities. The Wilbur Curtis Company will allow up to 100 miles, round trip, per in-warranty service call.

RETURN MERCHANDISE AUTHORIZATION: All claims under this warranty must be submitted to the Wilbur Curtis Company Technical Support Department prior to performing any repair work or return of this equipment to the factory. All returned equipment must be repackaged properly in the original carton. No units will be accepted if they are damaged in transit due to improper packaging. NO UNITS OR PARTS WILL BE ACCEPTED WITHOUT A RETURN MERCHANDISE AUTHORIZATION (RMA). RMA NUMBER MUST BE MARKED ON THE CARTON OR SHIPPING LABEL. All in-warranty service calls must be performed by an authorized service agent. Call the Wilbur Curtis Technical Support Department to find an agent near you.

WILBUR CURTIS CO., INC.
6913 Acco St., Montebello, CA 90640-5403 USA
Phone: 800/421-6150 ◆ Fax: 323-837-2410
◆ *Technical Support Phone: 800/995-0417 (M-F 5:30A - 4:00P PST)* ◆ *E-Mail: techsupport@wilburcurtis.com*
◆ *Web Site: www.wilburcurtis.com*

FOR THE LATEST SPECIFICATION INFORMATION GO TO WWW.WILBURCURTIS.COM

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