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Installation Instructions, Service & Warranty Information



Revised: Sept 2002

Models Included

- ALP1GT
- ALP3GTR
- ALP3GTL
- ALP5GT
- ALP10GT



ALPHA 1GT



DIGITAL DECANTER BREWING SYSTEM

WILBUR CURTIS COMPANY • Montebello, CA 90640

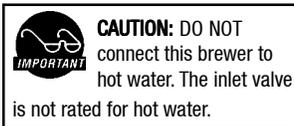
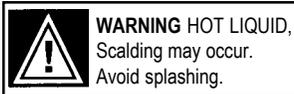
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Alpha Generation 3 - Decanter Brewer Instructions

Models Included

- ALP1GT
- ALP3GTR
- ALP3GTL
- ALP5GT
- ALP10GT



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 rear 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 ADS System is Factory Pre-Set and Ready to Go... Right from the Carton.

Following are the Factory Settings for your ALPHA™ G³

Coffee Brewing Systems:

- Brew Temperature = 200°F
- Brew Volume = Set to dispensing vessel requirements (60 oz)
- Warmer Setting on HIGH with Quality Timer OFF

Generally there will never be a reason to change your ADS 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.

SETUP STEPS

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 coffee quality.



The National Sanitation Foundation requires the following water connection:

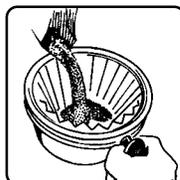
1. A quick disconnect or additional coiled tubing (at least 2x the depth of the unit) so that the machine can be moved for cleaning underneath.
2. In some areas an approved backflow prevention device may be required between the brewer and water supply.

1. A 3/8" NPT x 1/4" Flare elbow has been supplied for water line connection. Use tubing sized sufficiently to provide a minimum of 1.0 GPM.
2. Connect the unit to an appropriate electrical power circuit.
3. Turn on the toggle (STANDBY/ON) switch behind the unit. The heating tank will start to fill. When the water level in the tank rises to the correct volume, the heating elements will energize automatically. With ADS Systems there is no danger of element burnout caused by an empty tank.
4. The heating tank will require 20 to 30 minutes to reach operating temperature (200°F) as indicated by the READY-TO-BREW indicator light.
5. Prior to brewing, dispense 12 ounces of hot water through the hot water faucet.
6. Brew a cycle of at least 12 ounces, to purge the water lines of any air that may be trapped after filling.

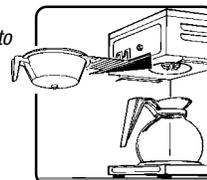
BREWING INSTRUCTIONS

1. Brewer should be ON (Confirm at rear toggle switch, then press ON/OFF button). Ready-to-Brew should be displayed.
2. Place empty decanter (not included with Alpha brewer) on warmer.
3. Place filter in brewcone.

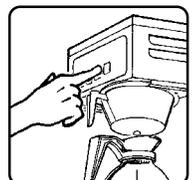
4. Pour ground coffee into brewcone.



5. Position brewcone into brew rails.



6. Press Brew button.



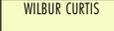
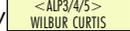
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Quick Start

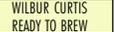
ALPHA GT

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.

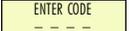
The control displays . Press ON/OFF button and the screen will display . After three seconds,  is displayed.

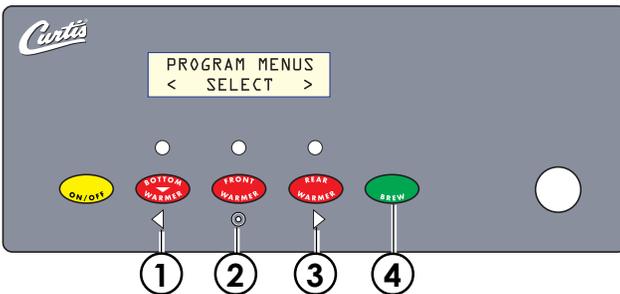
Water will fill the tank (approximately 2-3 minutes depending on water flow rate). When the proper level is reached  will appear on the screen.

Control will display  when temperature reaches the setpoint (200°F). Unit is now ready to brew.

To Go Into Programming

Press **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 , wait until  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  will be displayed.



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.

IMPORTANT During actual brew cycle a 2-minute drip mode is added to the brew time. The programmed water level compensates for back to back brewing in Delta 3 to allow for an increase of water volume.

PROGRAM MENU

Brew Volume (Factory Set at 60 oz)

This is preset from the factory for use with the Curtis glass bowl. If programming is necessary, the following procedure must be followed to ensure proper pot levels under all operating conditions.

Selecting **Brew by Volume** or **Brew by Time** depends on whether you know your brew time before starting.

From Program Menu press > display will now show the next feature.

Brew 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.

Pressing > button will display the subsequent menu features.

Next item in the sequence is **Brew by Time**. Press ⊙ to Select to change the brew time. Display will now show the current time. By pressing < or > you can toggle back and forth from minutes to seconds to exit (ex). Change the time or set and exit by pressing ⊙.

Temperature (Factory set 200°F)

Press ⊙ to Select. Press < or > to move to desired temperature and then ⊙ to set. Temperature is programmable from 170°F to 204°F in 2-degree increments.

Energy Save Mode (Factory set Off)

Press ⊙ to Select, < to ON or OFF, ⊙ to set. When enabled unit will automatically shut off 4 hours from last brew. This feature will save a considerable amount of energy by not heating the tank during period of non-operation (tank temperature maintains at 140°F).

Brew Count Odom

Press ⊙ to display total brew cycles. Press **ex** or Reset

Freshness Timer (Factory set Disable)

Press ⊙ to Select, < to Off, or select > to set from 20 minutes to 120 minutes in 10 minute increments, ⊙ to set.

Brew Count Total

Press ⊙ to Select, Shows total gallons and total brew cycles on the unit. Press ⊙ for 5 seconds. Not resettable.

Cold Brew Lock . . . (Factory set Delta 3)

Press ⊙ to select, < or > to select desired setting (CBL 5, 15 or OFF), ⊙ to set.

The CBL 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. This feature will operate after initialization to set temperature after the rear standby toggle switch is reset to ON.

Master Reset

Press ⊙ to display **Are You Sure?**

Then < for Yes, > for No

Brewer factory defaults are then reset.

Service Call (Phone number)

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 1-2-3-4)

Press ⊙ to display number and change number, (the number can be change 1 to 4) or < to move place and **ex** to exit when complete.

Banner Name

Press **⊙** to display letters and change letters or **<** to move place and **EX** to exit when complete

This feature allows up to 14 letters to be programmed for company name or regional name. Programming all blanks disables Banner Name. If programmed, Banner Name is displayed every 5 sec. on and off.

Warmer Auto-Off (Factory set Disable)

Press **⊙** to Select, **<** or **>** to Enable or Disable, Enable select desired setting **< 2 Hr >**, **< 3Hr >**, **< 4Hr >**, **⊙** to set. When set at **<Disable>** warmers stay on when turned on without any Auto-Off. Energy save mode will not shut them down.

P-Maintenance

Press **⊙** to Select, Set gallons brewed to indicate P-Maintenance. Press **<** or **>** to adjust from Off to 3000 gallons. Press **⊙** to exit.

Beeper On/Off

Press **⊙** to display ON or OFF. Pressing either **<** or **>** toggles between on and off. **⊙** to set.

Model Select

Press **⊙** to select, **<** or **>** to select desired model (ALPHA-1, ALPHA-2, ALPHA-3/4/5, Airport Brewer, Thermo-Alpha) Press **⊙** to set. The control will reset itself when a new model is selected.

Exit

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

PARTS DIAGRAMS

Illustrated Parts List

Alpha 1GT Model Shown, Other Models Identical Except Where Noted.

Item	Part No.	Description
1	WC-5450	COVER, TOP ALPHA 1DS, 3DSR & 3DSL
2	WC-2977	FITTING, SPRAYHEAD PLT'D
3	WC-38117	LABEL, CONTROL PANEL ALPHA 1GT
3A	WC-39345	LABEL, CONTROL PANEL ALPHA 3GT
4	WC-774	CONTROL BOARD, ALPHA DS 120/220 STD
5	WC-102	SWITCH, TOGGLE SPST 25A 125/250VAC RESISTIVE
5A	WC-103	SWITCH, TOGGLE DPST 25A 125/250VAC RESISTIVE
6	WC-2401	ELBOW, 1/4 x 3/8 FLARE
7	WC-826	VALVE, INLET 1.0 GPM 120V
7A	WC-856	VALVE, INLET 1.0 GPM 220V
8	WC-889	VALVE, LIQUID DISPENSING LEFT 120VAC 12W 12 IN WC HWR
8A	WC-860	VALVE, LIQUID DISPENSING LEFT 220VAC 12W 12 IN WC HWR
9	WC-2936	SPRAYHEAD, RED .131 DIA
9A	WC-2942	SPRAYHEAD, GREY .219 DIA
10	WC-1809	FAUCET, HOT WATER
11	WC-8556	HEAT SINK ASSEMBLY DV ALPHDS D500AP TCTD/PTTD
12	WC-5970	COVER, BACK CTR WRAP ALPHA DS
13	WC-3503	LEG, SCREW BUMPER (3/8")
14	WC-8578	WARMER ASSY 120V ALPHA DD/DS
14A	WC-6218R	KIT, WARMER ASSY, 220V
15	WC-3621	BREWCONE, 7 1/8" BLK
16	WC-5310	TUBING, 5/16 ID SILICONE GEN USE
17	WC-5851	LID, HEATING TANK
18	WC-5502-01	PROBE, WATER LEVEL CONTROL
19	WC-1438-101	SENSOR, TEMPERATURE
20	WC-5231	COMPOUND, SILICONE 5 OZ TUBE
21	WC-917	HEATING ELEMENT, 1450W 120V
21A	WC-922	HEATING ELEMENT, 220V 3500W
22	WC-522	THERMOSTAT, RESET
23	WC-6266	HEATING TANK COMPLETE, 120V OR 220V
23A	WC-6265	HEATING TANK COMPLETE, 120/220V (DUAL VOLTAGE)
23B	WC-6267	HEATING TANK, COMPLETE, 220V
24	WC-3765	KIT, VALVE REPAIR (USE WITH WC-826, WATER INLET VALVE)
25	WC-3763	KIT, VALVE REPAIR (USE WITH WC-889, DUMP VALVE)
26	WC-8591	CAPACITOR, X2 USED ON ALL ADS (NOT SHOWN)
27	WC-129	SWITCH, WARMER RED ALPHA 5GTSR & 5GTSL (NOT SHOWN)

