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Thank you for purchasing this quality powdered beverage dispenser. For your safety and the safety of others, read all warnings and the operator manual before installing or using the product. Properly instruct all operators. Keep training records. For future reference, record serial number here: 

Grindmaster-Cecilware
4003 Collins Lane, Louisville, KY 40245 USA
Phone: 502.425.4776 Toll Free: 800.695.4500
Fax: 502.425.4664
Web: gmcw.com Email: info@gmcw.com

Grindmaster-Cecilware provides the industry’s BEST warranty. Visit gmcw.com for warranty terms and conditions.
Safety Information

<table>
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<th>Important Safety Information</th>
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</table>

For your safety and the safety of others, read all warnings and the operator manual before installing or using the product.

**DANGER:** This term warns the user of imminent hazard that will result in serious injury or death.

**WARNING:** This term refers to a potential hazard or unsafe practice, which could result in serious injury or death.

**CAUTION:** This term refers to a potential hazard or unsafe practice, which could result in minor or moderate injury.

**NOTICE:** This term refers to information that needs special attention or must be fully understood.

### WARNING

The appliance is not intended for outdoor use.
Do not clean with pressurized water or use in an area where pressurized water may be used.
Cleaning and maintenance shall be made only by properly trained persons with supervision.

### CAUTION

Lifting hazard. Single person lift could cause injury. Use assistance when moving or lifting.
For safe and proper operation, the appliance has to be placed in a stable, vertical position.
The appliance is not to be used by persons with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction. Be sure to provide supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
Children must be supervised to ensure they do not play with the appliance.
The appliance is only to be installed in locations where it can be overseen by trained personnel.

### NOTICE

To avoid damaging unit, turn on power and wait for tank to fill with water before turning on heater.
Observe machine voltage configuration. Do not apply improper voltage to machine or damage to machine will occur.
Do not use extension cord.
Installation

⚠️ **CAUTION:** Lifting hazard. Single person lift could cause injury. Use assistance when moving or lifting.

**Water Inlet Connection:**

**NOTICE:** This equipment is to be installed to comply with the applicable Federal, State, or local plumbing codes having jurisdiction. In addition:

1. A quick disconnect water connection or enough extra coiled tubing (at least 2x the depth of the unit) so that the machine can be moved for cleaning underneath.
2. An approved backflow prevention device, such as a double check valve to be installed between the machine and the water supply.

The GB beverage dispenser is equipped with a 1/4" Flare Water Inlet fitting, which is located on the left side in the back of the base (when looking at the machine from the front).

Water pipe connecting and fixtures directly connected to a potable water supply shall be sized, installed, and maintained in accordance with Federal, State, and Local codes.

**HIGHLY RECOMMENDED:**
A WATER SHUT-OFF VALVE and A WATER FILTER, preferably a combination Charcoal/Phosphate Filter, to remove odors and inhibit lime and scale build up in the machine.

**Note:** In areas with extremely hard water, a water softener must be installed in order to prevent mineral deposits that could result in malfunctioning of the equipment and in order not to void the warranty.

**Unpacking Instructions**

Carefully unpack the GB Machine and inspect immediately for shipping damage. Your GB Machine was shipped in a carton designed to give it maximum protection in normal handling. It was thoroughly inspected before leaving the factory. In case of damage, contact the shipper, not Grindmaster-Cecilware.

After the machine has been unpacked and placed on a counter, pull out the stainless steel drip tray. It should contain the following:

- 1/4" Flare Water Inlet Fitting.
Installation (continued)

Description and Location of Components

Note: Refer to following illustration for description and location of COMPONENTS and CONTROLS.

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**Description and Location of Components**

**GB2-LP**
- 4 lb. DRIP TRAY

**2K-GB**
- 4 lb. DRIP TRAY

**GB2M-5.5**
- 4 lb. DRIP TRAY

**GB2-SKI**
- 14 lb. DRIP TRAY

**GB2-Super SKI**
- 14 lb. DRIP TRAY

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**Label Area**
- PRODUCT LABEL
- DISPENSE BUTTON
- POWER SWITCH
- PILOT LIGHT FOR HEATER
- SPOUT
- RINSE SWITCH

**Drip Tray**

**Front View GB3 Shown**

**Right Side View**

- TANK ASS'Y
- HI-LIMIT (TEMP)
- WATER LEVEL CONTROL
- DISPENSE VALVE
- HEATER ASS'Y
- AUGER MOTOR
- THERMOSTAT
- DRAIN HOSE W/PLUG
- WATER INLET HOSE
- WHIPPER MOTOR
- BLOWER DUCT HOSE
- FAN/BLOWER
- DRIP TRAY
- RELAY/TIMER

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Cecilware®

GB Series
Installation (continued)

1. **HOPPERS:** Depress the door latch on the left side of the door and pull door open to access the hoppers.
   - The hoppers hold up to 14 lbs. (14 kg) of Cappuccino product and up to 1.5 lbs. (0.7 kg) of freeze dried coffee product, depending on model.
   - To remove the hoppers swing the top compartment door open and lift out the hoppers.
   - To reposition the hoppers in the compartment, slide the hopper base back between the rails until the 1/4” pin at the bottom of the hopper base falls into the 1/4” positioning hole of the compartment base cover.

2. **RINSE SWITCH:** With the door open, the rinse switch is located on the left side of the first Whipper chamber.
   - In the RINSE position, it disengages the hopper motors and allows only water to be dispensed.
   - It is used for flushing out the Whipper Chambers and to adjust the water dispense valves for proper flow rates.

3. **HEATER SWITCH:** This switch is located inside the cabinet behind the right hopper. Open door and remove right hopper to access it.
   - Its primary function is to shut off the heating element during the initial priming, start-up operation of the machine, or whenever the tank is being drained for service.
   - **Note:** The Power Switch and Heater Switch must be ON in order for the elements to operate.

4. **POWER SWITCH:** This switch is located on the left side of the splash panel below the door. On 120V, 1.8 KW and 120/240 or 240V, 3 KW single element machines the power switch controls all power to the machine including the heater elements.
   - **Note:** On 120/240V, 6 KW machines, the Power and Heater Switches are independent of each other. Both switches must be OFF in order for the machine to be completely shut down.

5. **WATER LEVEL CONTROLS:** Under normal conditions and operation, the water level in the tank should not drop more than 1/2” (1.3 cm) from the probe. If it does, the tank is not refilling fast enough. Check the water line and water filter; they may need cleaning or replacing.

Start-up Procedure

**NOTICE:** Make sure that the **Heater Switch**, located behind right hopper with door opened, is in the **OFF** position.

1. Connect the 1/4” dia. copper waterline to the 1/4” flare water inlet fitting of the valve.
2. Plug the power cord(s) into a proper receptacle.
   - **Note:** GB8M10 units use two power cords. Each cord must be plugged into a separate receptacle.
3. Activate the Power Switch (Toggle Up). The door display panel, the red power indicator light and the green dispense buttons will light up and the tank will start filling. Allow approximately 4-5 minutes for the tank to fill.
4. Activate the Heater Switch. Allow approximately 10-30 minutes for the water to reach a temperature of 190°F (88°C). The heat up time will depend on the water inlet temperature, the input voltage, and the wattage of the elements in the machine.
5. Place a 8 oz. (240 ml) or larger cup under the left dispense nozzle, press and hold the left dispense switch for 6 seconds. The machine will dispense water at the rate of 1 oz. (30 ml) per second. Repeat it several times to check for consistent output. Repeat same for the other dispense switches. This procedure checks that the dispense valves are not air-locked.
6. While the tank is heating, remove the hoppers, load them with products, and reposition them back in the machine. When the green ready light comes on, the tank has reached its brew temperature and the machine is ready to dispense the first cup of Cappuccino.

Filling the Hoppers

1. To remove the hoppers, swing the top compartment door open and lift out the hoppers.
2. Fill each hopper with the correct product.
3. Reposition hoppers in the hopper compartment, making sure the hoppers are properly seated.

If you need help, call Grindmaster-Cecilware Technical Service Department, (502) 425-4776 or (800) 695-4500 (USA & Canada only) 8 AM - 6 PM EST.

Prior authorization must be obtained from Grindmaster-Cecilware for all warranty claims.
Operation

Your new powdered beverage dispenser is easy to operate and maintain. Before you place it in service, please have all personnel familiarize themselves with these instructions. Keep this manual in a convenient place for ready reference.

How to Operate
To dispense a cup of Cappuccino or Coffee:
- Place an 8 oz. (240ml) or larger cup under selected drink dispense nozzle.
- For Manual units: Push and hold brew button until cup is 2/3 full, then release button.
- For Automatic units: Press and Release button. Cup will fill up automatically to its preset amount.

Adjustments

Water Flow Rate Adjustment
Adjust water flow rate to correct level in Whipping Chamber.
The Dispense Valves are factory adjusted for a maximum Flow Rate of 1 to 1.3 oz./sec (30-38 ml/sec). [Approximate settings: 1.3 oz./sec (38 ml/sec) for COFFEE and CAPPUCCINO]
Exceeding this Flow Rate will cause the Mixing Chamber to overflow.
Note: To access the Water Dispense Valves, open door and remove Hoppers.

TO ADJUST WATER FLOW RATE:
1. Open door and remove hoppers. Locate Dispense Valve behind hoppers, mounted on tank.
2. Locate adjustment screw on Dispense Valve.
3. Using Allen Key or flat screwdriver rotate, 1/4 turn at a time, CLOCKWISE to decrease water flow, or COUNTERCLOCKWISE to increase water flow.
4. Check water flow output, after each 1/4 turn.

Temperature Adjustment (Tank Control Board Type)
1. Locate the Tank Control Board.
2. Press button under right side of display to increase temperature.
3. Press button under left side of display to decrease temperature.
4. Pressing both buttons simultaneously will reset to default 190°F (88°C).

Temperature Adjustment (Thermostat Type)
1. Locate Thermostat: Remove the right side panel. Thermostat is mounted on side of tank.
The GB beverage dispensers are factory set to deliver hot brewing water at 190°F (88°C) with the thermostat knob turned to full ON position. If adjustments should be necessary to increase or decrease the water TEMPERATURE, proceed as follows:
Note: Set the Rinse Switch to ON. This will disengage the Hopper Motors when dispensing water for Temperature measurements.
2. To INCREASE the water temperature - With the Thermostat Knob to its maximum clockwise position, remove the knob and locate the slotted adjustment screw inside the hollow thermostat shaft. Using a narrow-bladed screwdriver, engage slotted adjustment screw and turn it ¼ turn slowly counter-clockwise.
Allow a few minutes for the temperature to reach set level. The Heater Light will go ON, indicating the heating element is activated, wait for it to go OFF, indicating that the water has reached new set temperature. Take a temperature reading and repeat if necessary.
3. To DECREASE the water temperature - simply turn the Thermostat Knob one notch counter-clockwise to the next lower dial setting.
GB SKI SUPER - VOLUME AND PRODUCT STRENGTH ADJUSTMENTS

DRINK STRENGTH ADJUSTMENTS - by adjusting the Auger Speed.
I. UNITS WITH FIXED SPEED AUGER MOTORS-AC [CD150] - Fixed Auger Speed [95 RPM] and dispenses powder at a constant fixed rate.

Drink Strength adjustments can be made by adjusting the water flow rate on the Water Dispense Valves.
1. Remove Hoppers to access the Dispense Valve, located behind the hoppers.
2. Locate Flow Adjustment Screw on Dispense Valve.
3. Rotate adjustment screw Counterclockwise to INCREASE Flow Rate, Clockwise to DECREASE Flow Rate.

(Note: the water flow rate should not exceed 1 to 1.3 oz./sec.)
Do not turn Adjustment Key more than 1/4 turn at a time without checking drink strength (ratio of water to powder).

II. UNITS WITH VARIABLE SPEED AUGER MOTORS-DC [CD151] - Variable Auger Speed [10 to 130 RPM]

Drink or Product Strength adjustments can be made by adjusting the Auger Motor RPM [knob on inside door panel], which controls the amount of product being dispensed [gram throw]. The gram throw is factory preset at 7.

Because the consistency of each product varies, the customer can set the desired gram throw for each hopper.

The water flow rate on the Dispense Valves should remain fixed.
Note: the water flow rate should not exceed 1-1.3 oz./sec to avoid spillage from dispense chamber.

DRINK SIZE ADJUSTMENTS
b. Automatic Machines with Timer L493A on Inside Door Panel NOT Programmable & speed control board L556A: To increase the volume, turn the dial to the next increment. [0-1 is equivalent to 2 sec.]
c. Automatic Machines with Programmable "Teach me" Timers [L576A or L582A]: These units do not have a cup size adjustment knob inside the door, since the timer is programmable from the dispense button.

PROGRAMMING FOR AUTOMATIC DISPENSE WITH BUZZER
1. Turn Power Switch ON (toggle switch inside door).
2. PRESS and HOLD [red] STOP Button with one hand.
3. PRESS and HOLD [green] DISPENSE Button with other hand.
4. RELEASE [red] STOP Button ONLY.
5. Continue to HOLD [green] DISPENSE Button until buzzer sounds for (4 SEC. DELAY), then RELEASE.
6. PRESS and RELEASE [green] DISPENSE Button. Product begins dispensing. When it reaches the "DESIRED VOLUME".
7. PRESS and RELEASE [green] DISPENSE Button to SET "DESIRED VOLUME". DISPENSE Button can be "jogged" to top off.
8. PRESS and RELEASE [red] STOP button to LOCK IN "DESIRED VOLUME".
Repeat steps 1 to 8 for each Dispense Button.

PROGRAMMING INSTRUCTIONS FOR MANUAL DISPENSE WITH BUZZER
1. PRESS AND HOLD [red] BUTTON WITH ONE HAND.
2. PRESS AND HOLD DISPENSE [green] BUTTON WITH OTHER HAND.
3. RELEASE [red] BUTTON.
4. CONTINUE TO HOLD [green] BUTTON AFTER BUZZER SOUNDS (4 SEC. DELAY).
5. RELEASE DISPENSE [green] BUTTON.
6. PRESS AND RELEASE [red] BUTTON.
7. YOU ARE READY FOR MANUAL DISPENSE.

The Timers Have Been Factory Preset for 6 oz. Cups for Coffee; For 8 oz. Cups for Soup and Cappuccino.
To Change To Larger Or Smaller Cup Sizes [Volumes] Repeat Steps 1 To 8 Above.

TO CHECK VOLUME AND GRAM THROW DISPENSED (ratio):
1. Remove the product guide from the hopper and position a receptacle under the hopper nozzle to catch the gram throw of product.
   Also place a measuring cup under extension tube to catch the water dispensed.
2. Push the dispense button and check the amount of product dispensed, amount of water dispensed, and time [use stop watch] to dispense that water.
3. The amount of water dispensed in the measuring cup divided by the amount of time to dispense that water is the Water Flow Rate from Dispense Valve.

FOR CAPPUCINO: The machine is factory adjusted to dispense 4-4.5 gr./sec. per OZ. Cup. [32 grams Product per 8 oz. cup]
   The recommended throw is 28-32 grams per 8 oz. cup for Cappuccino, with 80% fill.

FOR COFFEE: The machine is factory adjusted to dispense 0.3 gr./sec per OZ. Cup. [1.5 grams of coffee product per 5 oz. of liquid (in a 6 oz. cup).]
   The recommended throw is 1.5 to 1.8 grams per 6 oz. cup of Coffee, with 80% fill.
Cleaning

**NOTICE:** All sanitizing agents in the food zone must comply with 21 CFR 178.1010. Sanitize all food dispensing units periodically. All parts to be sanitized must be cleaned first. Cleaning and sanitizing frequency must follow state and local health department regulations.

**Daily maintenance:**
1. Rinse whipper chambers
   - Position a container under dispense tubes.
   - Move rinse switch to "rinse".
   - Push and hold each dispense button 3 to 5 sec.
   - Move rinse switch to "serve".
**Note:** On manual dispense machines, push and hold the dispense buttons for 10 seconds.
2. Empty drip tray, wash, rinse, and sanitize.
3. The outside of the machine can be cleaned with warm soapy water and a damp cloth.

**Weekly maintenance:**
1. **Product hopper cleaning**
   - Rotate product guides up, remove hoppers from machine.
   - Empty powder into pans.
   - Pull off product guides.
   - Remove agitator wheels.
   - Unscrew and remove front and back auger locks.
   - Remove auger.
   - Wash, rinse, sanitize, and air dry all small parts.
   - Wash & scrub hoppers and agitator wheel recesses with bristle brush. Rinse, sanitize, and allow to air dry.
   - Reassemble all hoppers.
   - Pour powder into hoppers.
   - Install all hoppers into unit.

2. **Whipper chamber cleaning**
   - Remove dispense caps by turning and lifting.
   - Remove mixing bowls by lifting and pulling.
   - Remove product tubes by pulling down.
   - Twist off whipping chambers clockwise.
   - Pull off whipper blades.
   - Twist off whipper chamber mounts clockwise.
   - Remove O-rings.
   - Remove tray by pulling levers down.
   - Remove both powder trays by pulling levers out.
   - Wash, rinse, and sanitize small parts and interior machine surfaces.
   - Reassemble all small parts.

**Note:** When reassembling, align flat keyway inside blade with flat keyway of motor shaft. Push the whipper blade all the way on.

**Sanitizing**
1. Prepare a sanitizing solution in accordance with local health department regulations. You may also refer to the US Food and Drug Administration regulation 21 CFR 178.1010 “Sanitizing Solutions” and US Environmental Protection Agency 40 CFR 18.940 “Tolerance exemptions for active and inert ingredients for use in antimicrobial formulations (Food-contact surface sanitizing solutions)”.
2. Follow the instructions provided with the sanitizing agent.
3. Let all sanitized parts drain and air dry. DO NOT WIPE THEM DRY.
**Maintenance**

**Lit Display Replacement**

⚠️ **WARNING** Risk of electrical shock. Turn off power to unit before replacing bulb or starter.

**To replace the picture inside metal door:**
Lift up the two end tabs on top of door with a pointed object or flat head screwdriver.
Pull the entire picture frame out. Open up the two clear panels and replace picture.
Tuck clear plastic panel inside bracket at top.
Be sure to tuck clear panel under bracket before sliding frame assembly inside door.
The longer metal tab side goes in the front.

**To replace the picture inside molded door:**
Remove molded door front by removing side screws. Slide out clear plastic panel with picture.
Replace picture and slide the plastic panel w/ new picture into the door frame. Then put front molded door back on with screws on the sides.
**Recommended preventive maintenance**

1) **Dispense Valves**
   - Check all dispense valves for lime build-up.
   - Drain the water tank to just below the level of the dispense valves.
   - Remove the valves and clean. (Take these valves apart by hand as shown).
   - Replace the assembly as needed (**L467AL -120V** or **L676AL -230V import**).
   - Replace the valve into the tank and refill tank.
   - Repair Kit **M491QL**.

2) **Chamber Mount**
   - Check all chamber mounts for signs of wear:
     - Product running down the front of the unit.
     - Product built up on the back of chamber mount.
     - Remove chamber mount.
     - Clean and re-lubricate motor shaft using food grade lubricant only.
     - Replace with new chamber mount.

3) **Clean out vent motor, trough, and tubing.**
   - Lift up black tabs, remove trough drawer.
   - Clean and replace trough drawer.
   - Remove hose assembly from the motor.
   - Clean out and replace hose.

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**Dispense Valve**

**Chamber Mount**

**WATER FLOW ADJUSTMENT**
Maintenance (continued)

Component Tests

Dual Probe Test
If lack of water persists, check the probe as follows:
1. Turn on the power and water supply.
2. Check inside the tank to make sure the water is below the Probe.
3. Pull the BLUE wire and terminal OFF the Probe rod.
   If water still does not flow after the wire is disconnected from the Probe, the problem may be in the Tank Control Board.
4. If water starts flowing into the tank, the Probe may be grounded, due to excessive liming. Check with Ohm meter. Clean probe.

Water Inlet Valve Test
1. Turn power OFF. If the water level rises inside a partially filled tank, the Water Inlet Valve is leaking.
2. Disconnect wires from the Water Inlet Valve coil and connect a 2 wire line cord to the terminals. Plug it into a 115V outlet. If water flows in and stops when you pull it out, the Valve is working correctly. Repeat this test a few times. The problem may be in the Probe or Water Level Control Board.
3. If the water does not flow in when the cord is plugged into an electrical outlet, the Solenoid coil may be damaged, opened or the valve may have an obstruction preventing the water from flowing in. Clean or replace it.

Out of Product Sensor Test
1. Remove Hopper from cabinet, place the palm of your hand up against the 1 inch diameter round sensor at the back of the hopper chamber.
2. Listen for relay clicking on and off as you move your hand towards and away from the sensor.
3. If relay clicks, system is operating OK.
4. Replace with a full hopper and listen for the relay click.
5. If all this checks out and the out of product light does not go off, then there must be defective wiring. See wiring diagram.

Dual Probe Liquid Level Controller Test
(For models manufactured 2015 and prior)
Check the Controller as follows:
1. Make sure there is power input to the Controller at the terminals AC1 & AC2
   Your voltmeter should read 115 Volts. It should read the same at terminals AC1 & FILL when the water level is low. This is the output power to actuate the coil of the Solenoid Valve to open it. The lack of voltage at terminals AC1 & L-LEVEL or H-LEVEL indicates that the Controller is not working properly.
2. Make sure all wire connections are tight, including ground.
3. If after this, the Controller is still failing to open the Water Inlet Valve, replace it.
**Troubleshooting Guide**

Before you call for help, please read the following:

⚠ **WARNING:** To reduce the risk of electrical shock, unplug the dispenser power cord before repairing or replacing any internal components of the unit. Before any attempt to replace a component, be sure to check all electrical connections for proper contact.

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible Cause</th>
<th>Solution</th>
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<tbody>
<tr>
<td>Merchandiser Display not lit. No power.</td>
<td>Dispensing unit unplugged. No power from Terminal Block. Defective light assembly.</td>
<td>Reconnect dispensing unit. Check the Terminal Block for loose wire. Replace LED board.</td>
</tr>
<tr>
<td>No water when Rinse Switch is ON.</td>
<td>Water supply OFF. Clogged inlet screen (Water Inlet Valve). Inoperative Water Inlet Valve. Loose electrical connection.</td>
<td>Turn water ON. Disconnect water line and clean inlet screen. Check connection, if needed replace Valve. Check all electrical connections.</td>
</tr>
<tr>
<td>No water is going into tank at all.</td>
<td>Water Inlet Valve malfunction. Water Level Sensor/Probe malfunction. Solid State Level Control Board.</td>
<td>Check Solenoid. Replace if necessary. See <strong>Water Inlet Valve Test</strong>. Check Probe. Replace if necessary. See <strong>Dual Probe Test</strong>. Check Water Level Controls. Replace if necessary. See <strong>Dual Probe Liquid Level Controller Test</strong>.</td>
</tr>
<tr>
<td>Water will not stop flowing into water tank.</td>
<td>Water Level Probe malfunction. Solenoid (Water Inlet Valve) malfunction. Solid State Water Level Control malfunction.</td>
<td>Check Probe. Replace if necessary. See <strong>Dual Probe Test</strong>. Check Solenoid. Replace if necessary. See <strong>Water Inlet Valve Test</strong>. Check the Water Level Controls. Replace if necessary. See <strong>Dual Probe Liquid Level Controller Test</strong>.</td>
</tr>
<tr>
<td>Water is not heating up in the water tank.</td>
<td>Heater Switch is OFF. Thermostat is OFF. (Only models with separate Thermostat) Loose connection on Thermostat. Hi-Limit Temperature Switch is defective. Heater is burned out or defective.</td>
<td>Turn Heater Switch ON. Turn Thermostat ON. Turn Knob Clockwise. Make sure all wires and terminals on Thermostat are tight. Replace the Hi-limit. Replace the Heater.</td>
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</table>
Troubleshooting Guide (continued)

If you still need help, call Grindmaster-Cecilware Technical Service Department, (502) 425-4776 or (800) 695-4500 option 2 (USA & Canada only) (Monday through Friday 8 AM - 6 PM EST). Please have the model and serial number ready so that accurate information can be given.

Prior authorization must be obtained from Grindmaster-Cecilware for all warranty claims.

Grindmaster-Cecilware provides the industry's BEST warranty. Visit our website at GMCW.com for warranty terms and conditions.
Parts Diagram and List

Hopper Illustrations

HOPPER ASSY CD104, 7 LB, 18” HEIGHT x 3”W, W/NYLON AUGER
HOPPER ASSY CD120, 5.5 LB, 14” HEIGHT x 3”W, W/NYLON AUGER
HOPPER ASSY CD68A, 4 LB, 11.5” HEIGHT x 3”W, W/NYLON AUGER
HOPPER ASSY CD313, 1 LB COFFEE, 7.875” HEIGHT x 3”W, W/NYLON AUGER

HOPPER ASSY CD105 (14 lb; 18” HEIGHT X 6.25”SQ) W/NYLON AUGER
HOPPER ASSY CD98A (8 lb, 11.5” HEIGHT X 6.25”SQ) W/NYLON AUGER

HOPPER ASSY CD338, 5 lb, 14”HEIGHT x 2.5”W, W/NYLON AUGER
HOPPER ASSY CD339, 4 lb, 12.5”HEIGHT x 2.5”W, W/NYLON AUGER

P - HOPPER ASSY CD308 LT & CD309 RT 10 lb, 14’H, W/NYLON AUGER
P - HOPPER ASSY CD177 LT & CD178 RT 8 lb, 11.5’H, W/NYLON AUGER

G8 Series
Cecilware®
Parts Diagram and List (continued)

Hopper Assy CD144, 5.5 lb, 14"H x 3"W, W/Wire Auger CD101
Hopper Assy CD152, 4.115"H x 3"W, W/Wire Auger CD101
Hopper Assy CD98A, 4.115"H x 3"W, W/Wire Auger CD74A or CD153

Hopper Assy CD145, 5 lb, 14"H x 3"W, W/Wire Auger CD101
Hopper Assy CD152, 4.115"H x 3"W, W/Wire Auger CD101
Hopper Assy CD98A, 4.115"H x 3"W, W/Wire Auger CD74A or CD153

Hopper Assy CD163, (14 lb; 18" Height x 6.25"SQ) W/Wire Auger
Hopper Assy CD162, (11 lb; 14" Height x 6.25"SQ) W/Wire Auger
Hopper Assy CD161, (8 lb; 11.5" Height x 6.25"SQ) W/Wire Auger

P - Hopper Assy CD179 (Left) CD180 (Right) 10 lb,
14"Height, W/Wire Auger

Cecilware® GB Series
Parts Diagram and List (continued)

Unit Assembly (GB3M shown)

*See Metal Parts List
*See Metal Parts List
### Parts List

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<th>ITEM</th>
<th>DESCRIPTION</th>
<th>GB-LP</th>
<th>GBK</th>
<th>GBM GBM-5.5</th>
<th>GB-SKI</th>
<th>GB-SUPER-SKI w/ TEACH-ME TIMERS</th>
<th>GB6</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>TANK ASS'Y/TANK TOP ASS'Y - SEE METAL PARTS LIST - NEXT PAGE</td>
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<tr>
<td>2</td>
<td>SILICONE HOSE [BREATHER FITTING] [375 ID x 327] M26A</td>
<td>M26AL</td>
<td>M26AL</td>
<td>M26AL</td>
<td>M26AL</td>
<td>M26AL</td>
<td>M26AL</td>
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<tr>
<td>4</td>
<td>SILICONE HOSE [WATER INLET] [385 ID x 192]</td>
<td>M24AL</td>
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<td>REPLACE WITH DOOR LIGHTING ASSEMBLY 234-00131 - LIGHTING ASSEMBLY, DOOR, GB1MLP/2LP 234-00132 - LIGHTING ASSEMBLY, DOOR, GB1MLP/2LP 234-00133 - LIGHTING ASSEMBLY, DOOR, GB3MS/510 234-00134 - LIGHTING ASSEMBLY, DOOR, GB4MS/585M10</td>
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<td>TIMER 'TEACH ME' [PROGRAM, dispense Time/Cup Size]-Single [Triple L62AL] or TIMER [NOT PROGRAM.] (use w/pt L77A &amp; dial/cup size labels: NF33A/33A/34A] L57AL L57AL</td>
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<td>AC AUGER MOTOR (240V use CD167L) CD175L CD175L CD175L CD175L CD175L CD175L</td>
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<td>COLE PANELS - SEE METAL PARTS LIST - NEXT PAGE - - - - - -</td>
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## Metal Parts List

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<td>SC35QL</td>
<td>RT67AL OR R23AL</td>
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**Item Description**

1. ELBOW TUBE
2. DISPENSE VALVE (DUMP)*
3. GROMMET, SILICONE, (0.466 ID)
4. DUAL LEVEL PROBE
5. HI-LIMIT, #500, 200°F CUTOUT
6. O-RING
7. SHIM ASSEMBLY, HEAT SINK W/ HI-LIMIT BRACKET
8. SCREW, S.S., 1/4 - 20 x 5/8
9. HEATER, 10V, 1700W*
10. HEATSINK, 1/8 ALU, F/ HI-LIMIT
11. THERMISTOR PROBE (New 2015)
12. THERMISTOR PROBE (New 2015)<br>THERMOSTAT (2015 and prior)
13. TANK WELDMENT ASS'Y (SEE METAL PARTS LIST)
14. TANK INSULATION MATERIAL
15. DRAIN HOSE, SILICONE
16. DRAIN HOSE, SILICONE
17. DRAIN HOSE, SILICONE
18. DRAIN HOSE, SILICONE
19. DRAIN PLUG
20. PLUG, SILICONE
Wiring Diagrams (continued)

GB2, GB2M, GB2M, 2K
(120V, 1700W, 1 PH, 2 wires + Ground) w/ Relays
Wiring Diagrams (continued)

GB2, GB2M, 2K
GB2, 2M, 2MD, 2K, [120/240V, 3KW, 1PH, L1, L2, NTL, GND] W/RELAYS

[Diagram of GB Series Cecilware wiring diagrams for GB2, GB2M, 2K, showing connections and components such as BLK, WHT, YEL, BLU, YEL, WATER LEVEL PROBES, FAN, LED, FUSE 6A, TANK HEATER L1-L1, THERMOSTAT, HEATER S/W, POWER S/V, WATER INLET VALVE, DUAL LIQUID LEVEL CONTROL, WATER TANK, RELAY, ALGER MOTOR AC]
Wiring Diagrams (continued)

GB3, GB3M, GB3MD, 3K
(120V, 1700W, 1 PH, 2 wires + Ground) w/ Relay

[Diagram of wiring connections with labels for various components such as Brew Switch (BREW S/W), Water Level Probe (WATER LEVEL PROBES), Water Tank (WATER TANK), Water Inlet Valve (WATER INLET VALVE), Dual Liquid Level Control (DUAL LIQUID LEVEL CONTROL), Tank Heater (TANK HEATER), Thermostat (THERMOSTAT), Relay (RELAY), Auger Motor (AUGER MOTOR AC), Dispense Valve (DISPENSE VALVE), and Ground (GROUND).]
Wiring Diagrams (continued)

GB3, GB3M
(120V/240, 3kW, 1 PH, L1, L2, +NTL + GND) w/ Relays

[Diagram of wiring connections with labels for each component, including Brew Switch, Door Unit, Relay, Washer Motor AC, Whipper Motor AC, Dispense Valve, Rinse Switch, Water Inlet Valve, Dual Liquid Level Control, Thermostat, Heater Switch, Power Switch, and LED indicators.]
Wiring Diagrams (continued)

GB3M, 3K
(120V/240, 6kW, 1 PH, L1, L2, +NTL + GND) w/ Relays
Wiring Diagrams (continued)

GB3M-W
[120V, 1.7KW, 1 PH, 2 WIRES + GROUND] W/ RELAYS

GB Series
Cecilware®
Wiring Diagrams (continued)

GB4, GB4M, 4M-8, 4MD
[120V, 1.7KW, 1 PH, 2 WIRES + GROUND] W/ RELAYS
Wiring Diagrams (continued)

GB5M
[120V, 1.7KW, 1 PH, 2 WIRES + GROUND] W/ RELAYS

[Diagram of wiring connections including labels for components such as DOOR UNIT, MAIN UNIT, CONTACTOR, AUGER MOTOR AC, DISPENSE VALVE, WHIRPER MOTOR AC, RELAY, WATER INLET VALVE, LIQUID LEVEL CONTROL, TANK WATER LHI, THERMOSTAT, HEATER SWITCH, POWER SWITCH, etc., with color codes and connections marked.]
GB2SKI-SUPER
[SINGLE PHASE W/TEACH ME TIMERS] 240 V.AC 6 KW

Wiring Diagrams (continued)
Wiring Diagrams (continued)

GB2Ski-Super
3 Phase, W/Teach Me Timers 240 V.A.C. 18 Kw