

Allure Sparkling Water Dispenser User Manual

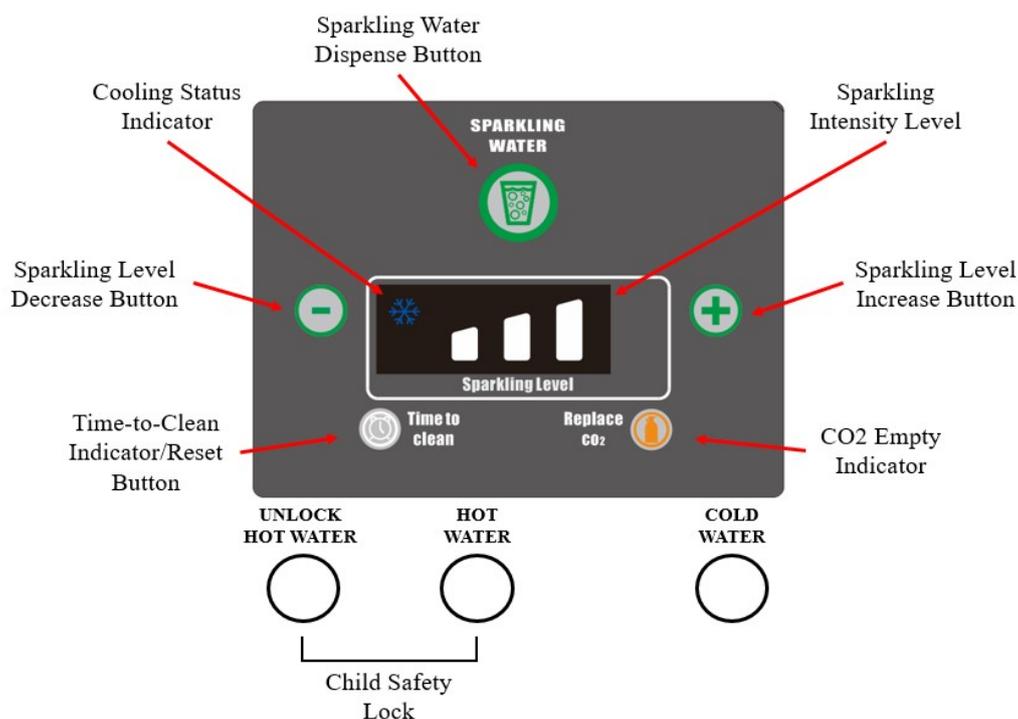
Warnings:

1. Misuse of the water dispenser or failure to follow directions may result in serious personal injury.
2. DO NOT use the water dispenser if it is not in its upright position.
3. DO NOT use the water dispenser for anything other than carbonating water. Use of the water dispenser for any unintended purposes may result in serious personal injury.
4. Use the water dispenser on a flat, stable surface away from heat sources and do not leave in direct sunlight.
5. DO NOT place the water dispenser on a hot surface (e.g. kitchen oven/stove/ hob) and never use it close to a flame.
6. DO NOT move the water dispenser during the carbonation process.
7. To reduce the risk of personal injury or property damage, any servicing or repair should be performed by a ReadyRefresh authorized service representative.
8. ONLY dispense sparkling water into vessels approved for carbonated beverages. Sealed containers may burst if not rated for pressurized use.
9. Close adult supervision is necessary when the water dispenser is used by children and it is not recommended for use by children under 5 years of age.

I. Operating Conditions:

1. Working Voltage: AC115V±10%, 60Hz;
2. PCB Storage Temperature: -10°C~55°C; Operating Temperature: 0°C~35°C.

II. Display and Buttons:



III. Buttons and Indicators Function:

1. Sparkling Water Dispense/Reset Button: After selecting the desired sparkling level on the display, press and hold the large green button to dispense sparkling water. If the green light is flashing, a reset is required. Follow the instructions in the Troubleshooting section.
2. Sparkling Level Decrease Button: Press the button once and the sparkling level will decrease one level as represented by the bars on the display
3. Sparkling Level Increase Button: Press the button once and the sparkling level will increase one level as represented by the bars on the display
4. Cooling Status Indicator: When the dispenser is in the process of cooling water, the ❄️ indicator will flash repeatedly. When it has finished cooling, the image will remain steady, indicating that the water is at its coldest temperature
5. Replace CO₂: When the pressure inside CO₂ cylinder drops due to low gas, an orange light will flash, indicating that it is time to replace the cylinder
6. Time to Clean: When the dispenser is due to be cleaned, the button will illuminate. After cleaning, press and hold the button to reset the cleaning schedule. The light will turn off until the dispenser is due again for cleaning.
7. Child Safety and Hot Water Dispense Button: To dispense hot water, press and hold the child safety button and hot water button at the same time. To stop dispensing, release the buttons.
8. Cold Water Dispense Button: To dispense cold water, press and hold the cold water button. To stop dispensing, release the button.

IV.. Setup Procedure:

1. DO NOT PLUG THE DISPENSER IN. Invert a 3 or 5 gallon bottle water onto the no-spill adapter. Bubbles will form in the bottle indicating that water is flowing into the reservoirs.
2. Verify that the red HOT SWITCH on the back of the dispenser is in the off position. Once the formation of bubbles stops, plug the power cord into an electrical outlet to supply power.
3. Place a large cup under the spigot. Press and hold the SPARKLING WATER button until water flows out. This indicates that the sparkling reservoir is filled. (NOTE: This water will not be carbonated)
4. Press and hold both the CHILD SAFETY and HOT WATER buttons at the same time until water flows out. This indicates that the hot reservoir is filled.
5. You may now turn on the red HOT SWITCH on the back of the dispenser to begin heating the water.
6. Install a CO₂ cylinder:
 - a) Remove the drip tray. Then lift and pull out the lower panel.
 - b) Turn the funnel upward for easier access. Insert the cylinder into the funnel, and rotate clockwise to install. An audible beep will be heard, indicating that gas is entering the dispenser. Continue to turn the cylinder firmly until fully tight.
 - c) Turn the funnel downward until the cylinder rests against the back wall
 - d) Replace the lower panel and drip tray
7. Press and hold the sparkling water button until sparkling water continuously dispenses.

This will be known by an increase in dispense pressure.

8. While the cooling status indicator ❄️ flashes, the dispenser is chilling the still and sparkling water. When the cooling status indicator ❄️ stops flashing and remains steady, the cold water has reached its ideal temperature setting. (Note: This may take 1-2 hours depending on ambient conditions)
9. The dispenser is ready to dispense hot, cold, and cold sparkling water.

V. CO₂ Cylinder Change

NOTE: the CO₂ cylinder can be removed and installed at any time due to the self-sealing needle valve. The cylinder does not need to be fully depleted before removing.

1. When the REPLACE CO₂ indicator light is illuminated on the front panel, the cylinder is due to be replaced. Remove the drip tray. Then lift and pull out the lower panel.
2. Turn the funnel and cylinder upward for easier access. Support the cylinder with one hand, and rotate it counter-clockwise until loose. (NOTE: a small amount of gas may be heard escaping. This is normal.)
3. Remove the empty cylinder.
4. Insert the new, full cylinder into the funnel, and rotate clockwise to install. An audible beep will be heard, indicating that gas is entering the dispenser. Continue to turn the cylinder firmly until fully tight. Turn the funnel downward until the cylinder rests against the back wall. Then replace the panel and drip tray.

VI. Cleaning Instructions

It is recommended to clean your dispenser every 3 to 6 months using the following items:

- Clean pair of rubber gloves
- A new sponge or non-abrasive cleaning pad
- Lint-free paper towels
- Bucket or large bottle
- Boiling water
- New, unopened 3 or 5 gallon water bottle
- Phillips head screw driver

Cleaning the Cold Tank

1. Remove the 3 or 5 gallon water bottle from the dispenser.
2. Drain the cold tank water by holding the blue cold water dispense button until water stops flowing.
3. After draining the cold tank, unplug the dispenser from the power outlet.
4. Remove the no-spill adapter on top of the dispenser by pulling upward. Then remove the plastic baffle inside of the tank by pulling upward.
5. Carefully fill the cold tank with clean, boiling water. **Always use caution around hot water!**
6. Let boiled water sit for 3 minutes to partially cool.
7. Put on protective rubber gloves, and once safe to do so, use a new sponge or cleaning pad to gently clean the cold tank by scrubbing the entire surface. **Never use soap, cleaning fluid, steel wool or other abrasive material to clean the cooling unit.**

8. Fill the cold tank with clean bottled water
9. Plug the dispenser back into a power outlet, and drain the cold tank again completely.
10. Clean the no-spill adapter and baffle (previously removed) by washing both with warm soapy water. Rinse thoroughly to remove any soap residue.
11. Replace the baffle by inserting it into the connections at the bottom of the cold tank. Then replace the non-spill adaptor by pushing the assembly into the cold tank opening.

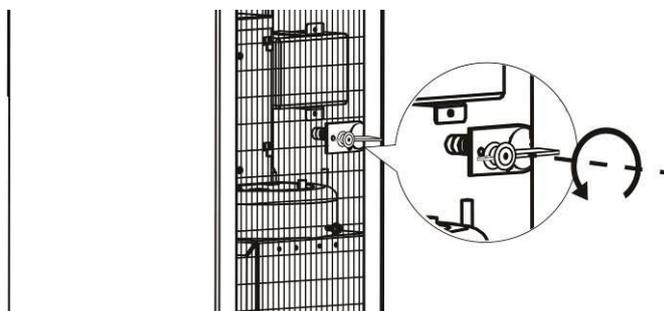
Draining the Hot Water and Carbonation Tanks

12. To drain water from the hot tank:

- a) Remove the 3 or 5 gallon bottle from the dispenser, if installed.
- b) Unplug the power cord, and rotate the dispenser to access the back surface

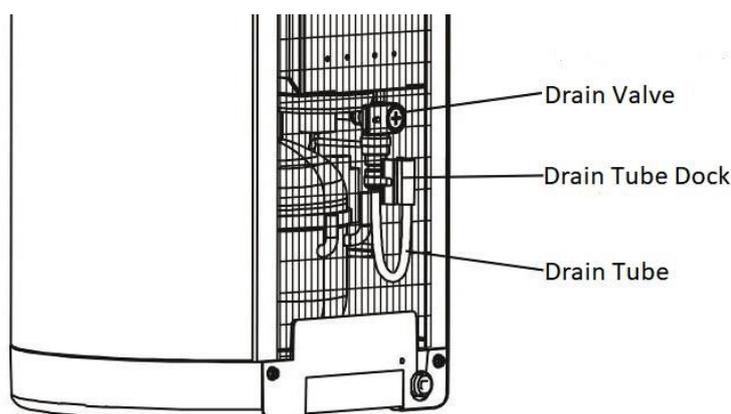
CAUTION: Water will be VERY hot! Wear protective gloves and use extreme caution.

- c) Locate the hot drain port at the rear, and place a large bucket under the drain to catch the hot water.
- d) While pulling the knob on the hot tank drain plug outward, turn the drain plug counter clockwise and pull out the plug.

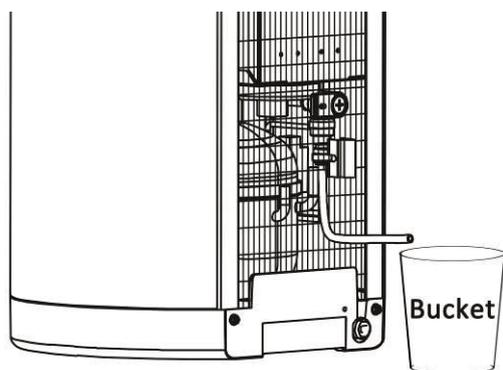


- e) After all hot water has drained into the bucket, close the hot tank drain by pushing in the plug, and turning the plug clockwise until fully locked.

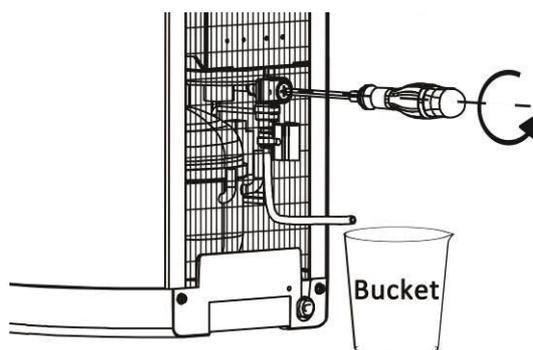
13. To drain sparkling water from the carbonation tank:



- a) Remove the 3 or 5 gallon bottle from the dispenser, if installed, and unplug the dispenser's power cord, if powered.
- b) Locate the carbonation tank drain tube located at the rear of the dispenser
- c) Remove the drain tube from the drain tube dock by pulling the tube downward



- d) Place a large bucket under the drain tube to catch the drained carbonation tank water
- e) Using a screwdriver, turn the drain valve counter-clockwise until water begins to flow.



- f) After all water has drained from the carbonation tank, close the drain valve by turning it clockwise with screwdriver until tight.
- g) Place the carbonation drain tube back into the drain dock
- h) Place a new, un opened 3 or 5 gallon bottled water on the dispenser
- i) Place a cup under the dispense nozzle, reconnect power, and then press and hold the hot unlock & hot dispense buttons together until water begins to flow
- j) Press and hold the cold water button until water begins to flow
- k) Press and hold the carbonation button to dispense a small amount of (8 to 12 ounces) sparkling water in to a cup

The cleaning process is complete.

Contact Customer Service at (800) 274-5282 to learn more about the ReadyRefresh™ Professional Cleaning Service. Our dedicated ReadyRefresh™ Technicians use professional-grade cleaners and equipment to employ a unique process that thoroughly cleans water dispensers. Contact ReadyRefresh to schedule service today.

VI. Troubleshooting:

<p>No water dispensing or poor flow rate</p>	<p>No or slow sparkling water only</p>	<p>If the SPARKLING WATER button is flashing and will not dispense water, a reset is required. Place a cup larger than 33oz under the spout. Then press and hold the SPARKLING WATER dispense button until a beep is heard (5 seconds). Release the button. The dispenser will dispense water for 10-15 seconds until the reset is</p>
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		<p>complete.</p> <p>CO2 pressure is used to force sparkling water out of the spigot. If the CO2 cylinder is empty, water will not flow properly. If the “Replace CO2” light is flashing, replace the CO2 cylinder with a new one.</p>
	<p>No water from any button</p>	<p>Ensure there is water in the 5-gallon bottle. If the bottle is empty, replace the bottle with a new one.</p> <p>The dispenser requires power to dispense water. Ensure the dispenser is plugged into a functional wall outlet or power supply. LED lights will illuminate if there is power.</p>
<p>Water is Leaking</p>	<p>From the spigot</p>	<p>A few drops after each dispense is normal</p> <p>If water is seen continuously leaking, there may be an issue with the dispenser. Contact your ReadyRefresh Service Center</p>
	<p>From elsewhere</p>	<p>Ensure the no-spill cover on top of the dispenser is pushed fully down and sitting flat.</p> <p>Remove the 5-gallon bottle and inspect it for holes or damage. Place a new bottle onto the dispenser and monitor for leaks</p> <p>If leaks continue, contact your ReadyRefresh Service Center</p>
<p>Water is Not Hot/Cold/Sparkling</p>	<p>No Sparkling</p>	<p>If the CO2 cylinder is empty, water will not be sparkling. If the “Replace CO2” light is flashing, replace the CO2 cylinder with a new one. If the cylinder is not empty, the cylinder may have loosened from the cooler, causing the gas flow to stop. Remove the cylinder and reinstall until it is fully tight.</p> <p>Water needs to be cold to properly absorb the CO2 and provide the sparkling sensation. If the ❄️ icon is flashing, allow the dispenser to finish chilling the water. After the ❄️ icon remains steady, the water should be fully saturated with CO2.</p>
	<p>Not Cold</p>	<p>The dispenser has two cold reservoirs to chill: still & sparkling. Because of the large capacity, it can take up to 2 hours to fully chill the water after initial setup</p> <p>After dispensing more than 1 liter of still or sparkling water, the dispenser may take up to 1 hour to fully chill the water.</p> <p>The dispenser needs at least 4-6” of clearance on</p>

		each side to allow proper cooling of the condenser coils. Ensure adequate spacing.
		Dirty or dusty condenser coils may impact performance. Inspect the condenser coils on the back of the dispenser, and ensure they are clean. Wipe them with a clean, dry cloth if necessary.
	Not Hot	The dispenser has a red HOT SWITCH on the back of the dispenser to manually turn the heater on and off. Ensure the switch is illuminated and in the ON position
		The dispenser may take up to 20-30 minutes to fully heat the water after initial setup, or after dispensing more than 1 liter of hot water.
Dispenser is Noisy	Loud humming	The dispenser has a compressor that chills the water when the temperature rises, and a booster pump that allows sparkling water to overcome the high pressure of CO ₂ gas when dispensing. The “humming” heard during either of these actions is normal.
	Hissing is heard	If hissing is heard, CO ₂ gas may be leaking. Ensure the CO ₂ cylinder is fully tightened into the dispenser funnel until a hard stop is felt.
		The CO ₂ cylinder valve may be damaged. Install a new cylinder and monitor for additional hissing.
		If hissing is still heard, contact your ReadyRefresh Service Center.

TECHNICAL APPENDIX

VII. Temperature Control:

1. The hot water temperature is controlled by mechanical thermostats, keeping the water temperature between 178° F and 195° F;
2. The cold water temperature is controlled by a mechanical thermostat, keeping the water temperature between 41° F and 50° F;
3. The sparkling water temperature is controlled by an electrical temperature control circuit, keeping the water temperature between 38° F and 43° F.

VIII. Carbonator Tank Water Level Inspection and Control:

The sparkling water level is measured by a float switch.

1. When the float switch is disengaged for more than one second, the sparkling water level is low and the booster pump will engage to refill chamber;
2. When the float switch is engaged for more than one second, it means the sparkling water level is acceptable and the booster pump disengages.

IX. Airlock Release Program:

1. If the booster pump is running for more than two minutes, but the float switch does not become engaged, the sparkling water reservoir will become airlocked with CO₂. This is caused by continuously pressing the dispense button with no water available, or if the dispenser is improperly setup. The dispenser will recognize this and activate the Airlock Release Program.
2. When activated, the green dispense button will continuously flash, indicating that the dispense function is disabled. Pressing and holding the button for 5 seconds will start the correction sequence.
3. The high pressure gas solenoid will close, preventing CO₂ from entering the reservoir. The dispense solenoid will then open, releasing the high pressure airlock. The booster pump will engage and water will continue to flow until the reservoir is completely filled with water.
4. When the float switch is engaged, the program will terminate and the dispenser will return to normal operating conditions.