



CURVE SERIES

Usage and Care Manual

Models: AC-CURVE-CT-HC

Your Partner in Cool.

**AQUA
COOLER**

IMPORTANT SAFETY INSTRUCTIONS

Use safe to drink tap water for this appliance. When using the appliance, please follow the safety precautions below:

1. Read these following safety precautions before using the appliance. Failure or negligence in observing these precautions could cause fire, electrical shock or personal injury.
2. Remove and discard all packing materials of the appliance. Make sure that children do not play with them to avoid any danger.
3. Do not insert metallic objects (such as pins or wire etc.) into the enclosure, gaps of the water tank or water outlet to avoid electric shock or other dangers.
4. Never leave the appliance unattended when operating.
5. Only fill the tank with ambient water between 5-40°C. If the water temperature is too high or too low, the appliance will be damaged.
6. Do not take out the water tank while the appliance is in operation, otherwise the appliance will be damaged.
7. Place the appliance on a stable and flat surface, otherwise water leaks may occur.
8. Install or place an appliance in a location where there is sufficient space for heat dissipation. There must be a distance of no less than 15cm between the appliance and the wall, otherwise it may cause a fire due to overheating.
9. When appliance is not in use for a long time, please unplug and drain all the water from the water tank. Clean thoroughly before reuse.
10. After dispensing, there will be a small amount of water remaining in the water outlet, please be aware of any hot water droplets while putting on or taking cups from the appliance.
11. Keep the appliance away from areas where there is a risk of it getting wet or being subjected to excessive heat such as next to ovens etc.
12. Before filling or emptying the water tank, ensure the appliance is switched off and unplugged.
13. Make sure the main body surface, power base and cord are dry before use to avoid danger.
14. **WARNING!** Hot steam and hot water droplets may drip from the spout.
15. **WARNING!** When positioning the appliance, ensure the supply cord is not trapped or damaged.
16. This appliance contains no user serviceable parts, in case of malfunction please contact Aqua Cooler directly.
17. The appliance is equipped with a boil-dry protection device. If the appliance is empty or the water capacity is below the minimum water level, it will automatically switch off when the temperature exceeds the safety level.
18. Do not use the appliance for purposes other than boiling water.
19. Keep it out of reach of children. Great care is necessary in using the appliance, especially near children. Make sure that they do not play with the appliance.
20. Do not touch, plug in or remove the plug with a wet hand, otherwise it can cause electric shock.
21. Do not place heavy objects on the power cord. Never clip, modify, stretch or twist the power cord. Be sure to grasp the plug itself when plug in or unplug the appliance, do not grasp or pull the power cord.
22. Do not operate the appliance when the power cord is tangled or hanging over the edge of a table, countertop. Do not let it touch any hot surface, as it may cause damage to the cord.
23. The appliance is intended to be used in household or similar applications such as staff kitchens in shops, offices and other working environments; by clients in hotels, motels and other residential type environments. Do not use it outdoors and in any other purpose or method which is not following the instructions in the user manual. If the appliance is used improperly, for commercial or semi-commercial use, your warranty becomes invalid and our company will refuse any liability and repair costs for the damage caused.
24. Always check the condition of the appliance, power cord and plug before operating.
25. The heating element surface is subject to residual heat after use.
26. Do not store explosive substances such as aerosol cans with a flammable propellant on or near this appliance.

CLEANING AND STORAGE

1. Before cleaning, always unplug the power plug, empty the water tank and let it cool down. We suggest emptying and refilling the tank every day.
2. Do not rinse the appliance, power cord and plug with water under a tap to prevent fire or electric shock.
3. To clean the exterior, use a damp cloth. If it is too dirty, use a small amount of mild detergent, then wipe clean with a damp cloth.
4. Allow the appliance to cool down completely and clean it before storage. Then put it in a box and store in a dry place.
5. To avoid power cord damage when storing, never wrap the power cord tightly around the appliance or put pressure on it.
6. To remove water scale build up, refer to the following methods:
 - Fill the water tank (do not exceed the maximum water indicator);
 - Put 2-3 slices of lemon in the water tank (or add 20 grams of citric acid per litre of water in proportion) and soak for approximately 10 minutes);
 - Plug into power and turn on the power switch.
 - Dispense 250mL of water repeatedly until the tank is empty.
 - To remove the remaining smell of citric acid, fill the water tank with fresh water (do not exceed the maximum water indicator) again, and repeat the above method of removing scale.
7. If you are not using the unit for a long period of time, be sure to empty the tank.

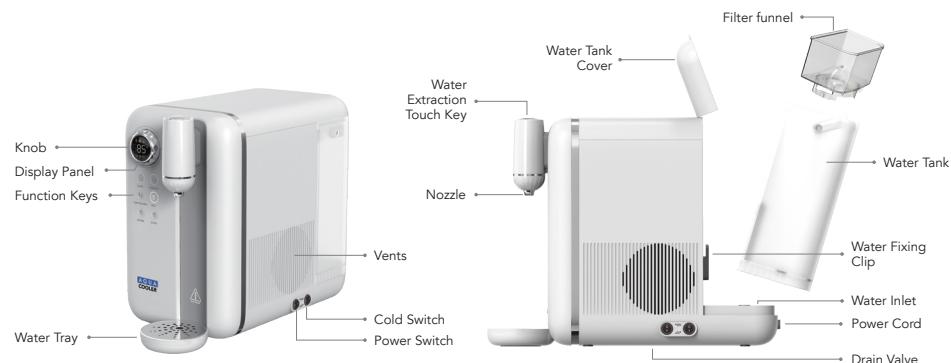
NOTICE! At the bottom of the unit you may notice a drain valve. This is for maintenance use only, please do not touch.

PRODUCT SPECIFICATIONS

Model	AC-CURVE-CT-HC
Rated Voltage	110V~ 60Hz
Rated Total Power	1500W
Rated Power (Heating)	1400W
Rated Power (Refrigeration)	65W
Water Tank Capacity (approx.)	3.5L*
Net Weight (approx.)	3.5kg
Product Dimension (W x D x H) (approx.)	200×310×300mm

* There could be a water tank capacity deviation of +5%/-10%

PRODUCT STRUCTURE



Filter Funnel



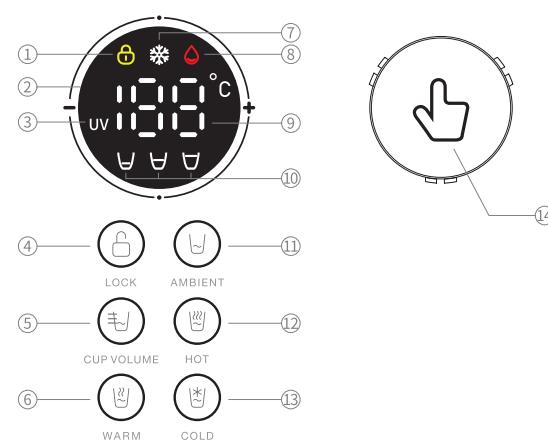
The water tank is equipped with a filter funnel. The fine particle filter screen can effectively filter and remove sediment, dust, rust, and large particles of impurities for purer water.

* The product is designed for use only with municipally treated tap water (note this water is constantly controlled and safe to drink according to legal regulations). Do not put tea, fruit juice, milk, or water of unknown quality into the product.

Display and Control Panel Guide

Panel Indicators

- 1 Child Lock Indicator
- 2 Temperature Selection Dial
- 3 UV Filtration Indicator
- 4 Cooling Indicator
- 5 Low Water Indicator
- 6 Temperature Display
- 7 Water Volume Indicator



Panel Function Keys

- 8 Child Lock
- 9 Cup Volume Selection
- 10 Warm Water
- 11 Ambient Water
- 12 Hot Water
- 13 Cold Water
- 14 Water Extraction

BEFORE FIRST USE

1. Open the water tank cover, remove the water tank and clean thoroughly.
2. Pour tap water into the water tank until the highest water level "3500mL" position, and then put it back into the main body.
3. After plugging the appliance into the wall outlet, turn on the power switch [◀ POWER SWITCH] on the side of the appliance. The buzzer will sound 1 time, all indicator lights will switch on and then off, known as the locked stage.
4. Remove the leak-proof rubber plug at the bottom of the water outlet.
5. Place a cup below the spout outlet (recommend over 300mL capacity), press the safety lock key [⌚] for 1 second to unlock, then press the ambient water key [⌚] once and final press water extraction key to dispense water.
6. After the water is discharged, the cleaning procedure is completed.

Attention! When the appliance starts to heat up the water, in order to avoid dry-heating and protect the machine, please extract a cup of ambient water before choosing hot water.

* There could be a temperature deviation of $\pm 3^{\circ}\text{C}$

* There could be a volume deviation of $\pm 10\%$, the actual temperature and volume depending on the using environment and local tap water quality.

Attention! It is normal phenomenon that water droplets form after the water is dispensed.

Attention! At the time of first use, check whether there is water leaking from the product, and for any abnormal noises, burnt smell or smoke. If you find any of the above situations, stop using the appliance immediately, and contact Aqua Cooler for service.

WARNING! Do not take the water tank out or let the water tank empty when plugged in, otherwise, there will be a warning signal.

Cold Water Function Activation

1. Open the water tank cover, pour 1L or above tap water into water tank.
2. Turn on the power switch [◀ POWER SWITCH] and cold switch [◀ COLD SWITCH] on the side of the appliance.
3. Touch the child lock [⌚] for 1 second to unlock, and then long press the cold water key [⌚] for 3 seconds. The buzzer will sound 1 time, the cold-water activation program is auto started. After 30 seconds, the buzzer will sound 2 times, and activation is completed.
4. **CAUTION!** During activation process, do not turn off the power of the appliance.
5. The refrigeration indicator [✿] on the display panel will light up. After 5 minutes, there should be a sense of cold in the cold water. Cooling system capacity stores approximately 500mL of water. The refrigeration program will be completed after about 25 minutes, the indicator light [✿] will be off.

OPERATION INSTRUCTION

Operation Guide

1. Turn on the power switch [◀ POWER SWITCH]; when using the cold water function, turn on the cold switch at the same time [◀ COLD SWITCH], and touch the child lock [⌚] key for 1 second to unlock;
2. Touch the function key (warm water [⌚], normal water [⌚], hot water [⌚], or cold water [⌚]) to select the function, or turn the knob to select the temperature directly.
3. Touch the cup volume selection key [⌚] to select the water volume 100mL, 150mL or 250mL.
4. Touch the water extraction key [⌚], the appliance starts to dispense water. Touch the water extraction key [⌚] once again to stop.
5. After operation, turn off the power switch [◀ POWER SWITCH] and cold switch [◀ COLD SWITCH], and unplug the appliance.

Function Description

- **Child Lock Key:** When the appliance is inactive for approx 1 minute, it will lock the screen automatically. The child lock key [⌚] and the child lock indicator will light up on the display panel, and all keys cannot be operated; the user can touch the child lock key [⌚] for 1 second to unlock, the child lock key [⌚] and the child lock indicator will turn off. The display panel will show the last setting status at standby mode; if the appliance power is removed and reconnected, it will restore the factory settings to the locked state.
- **Cup Volume Selection Key:** In the unlocked state, touch the cup volume selection key [⌚] to select the water volume. There are 3 levels of water volume selection from [100mL] \rightarrow [150mL] \rightarrow [250mL] for sequential cycles, and the corresponding selection will be shown on the display panel.
- **Warm Water Key:** In the unlocked state, touch the warm water key [⌚], the display panel will show (45°C). The user can rotate the knob to select the temperature or touch the cup volume selection key [⌚] to select the cup volume.
- **Normal Water Key:** In the unlocked state, touch the normal water key [⌚], the display panel will show the inlet water temperature value (the temperature of drinking water in the current environment). The user can rotate the knob to select the temperature or touch the cup volume selection key [⌚] to select the cup volume.
- **Hot Water Key:** In the unlocked state, touch the hot water key [⌚], the display panel will show (100°C). The user can rotate the knob to select the temperature or touch the cup volume selection key [⌚] to select the cup volume.
- **Cold Water Key:** In the unlocked state, touch the cold water key [⌚], the display panel will show (CO). The user can turn the knob to select the temperature or touch the cup volume selection key [⌚] to select the cup volume.

(Notice! If choosing the ice water function, please refer to the "Operation Guidelines").

- Knob:** The user can turn the knob to select the temperature. The temperature value will be according to [normal temperature] (inlet water temperature value)→[45°C]→[50°C]→[55°C]→[60°C]→[65°C]→[70°C]→[75°C]→[80°C]→[85°C]→[90°C]→[100°C]→[CO] (cold water) for sequential cycles, and the corresponding selection will be shown on the display panel. Each time the temperature is selected, the buzzer emits a short "ding" sound. The display panel will show the last setting status at standby mode; if the appliance power reconnected, it will restore the factory settings to the [normal temperature] stage.
- Water Extraction Key:** In the unlocked state, touch the water extraction key [] after selecting the temperature, the appliance dispenses water according to the selected water temperature and water volume, the corresponding function key will light up in white when dispensing water, and the panel will display the corresponding water temperature and water volume icon. After dispensed, the water extraction key light will off. The user can touch the water key [] to stop the operation, and touch the water extraction key [] once again to dispense water according to the selected water temperature and water volume. Reminder: Each time the function key is touched, the buzzer emits a short "ding" sound.
- Refrigeration Indicator:** When the refrigeration indicator shows on the display panel, it indicates the appliance at refrigeration state; after completed, the refrigeration icon will light off.
- Antibacterial Function:** When starting to dispense water, UVC-LED to sterilize the water in the pipeline automatically, turns on the white LED indicator lamp, and displays the "UV" indicator on the display panel at the same time. After that, the white LED indicator lamp and the "UV" indicator light will off.

Water Shortage Reminder

When the system detects that the water level has reached the lowest water level, the appliance will start the water shortage protection automatically; at this time, the water pump and heating body will stop the operation, the water shortage indicator on the display panel will flash and the buzzer will sound 5 times.

After filling the water, tap the water button [] at the unlocked state, the water pump will detect the water level again and the water shortage indicator on the display panel will light off. After completion, the product will resume normal operation.

CAUTION! After dispensed, user must wait until no remaining water discharge before taking out the cup, otherwise, you may be scalded by the remaining water.

Reminder

- If the water tank is out of water during operation, no water will discharge while warning signal emits. To resume, add sufficient water to the water tank.
Attention! If there is remaining water, it is recommended to clean up first to avoid overflow.
- During heating and refrigeration, there will be slight noise come out from the product and the pump, this is normal situation.
- The boiling time varies due to ambient and water temperature. (The boiling time will be extended if the water temperature is low).

TROUBLESHOOTING

Check the following before calling for servicing.

Symptoms	Checking Points	Remedy
The product cannot switch on	Check if the dispenser is well connected with power supply. Loose internal connections/parts.	Check if the dispenser is well connected with power supply. Check if the power switch is turned on. Contact Aqua Cooler for servicing.
Button does not respond	The appliance is in a locked state. Circuit control failure.	Touch child lock key to unlock. Contact Aqua Cooler for servicing.
Cannot extract water	Too much scale or impurities in the appliance.	Descaling (refer to Cleaning and Storage for details). Check the water tank inlet.
The hot water temperature is not high enough	Too much scale or impurities in the appliance. Abnormal circuit control function. Abnormal power supply voltage.	Descaling (refer to Cleaning and Storage for details). Contact Aqua Cooler for servicing.
Error Code E1	Heating element overheats.	Check whether there is enough water in the water tank and the water inlet. Contact Aqua Cooler for servicing.
Error Code E2	The inlet water temperature exceeds 40°C.	Check the temperature of the water tank or the inlet water.
Error Code E3	Outlet water temperature sensor failure.	Contact Aqua Cooler for servicing.
Error Code E4	Water inlet temperature sensor failure.	Contact Aqua Cooler for servicing.

If the above remedies / solutions cannot fix the problem, unplug the appliance immediately, note the error code and report it to Aqua Cooler for checking and repairing. To avoid any danger and damage to the appliance, do not disassemble or repair it by yourself.

ACKNOWLEDGEMENT

1. The content in the operation manual has been checked. Our company reserves the right of final interpretation to any printing errors or misunderstanding on the content contained in this manual.
2. If there are technical improvements on the appliance, the operation manual will be updated to a new version without prior notice. The product appearance and specification are subject to the manufacturer information.
3. The e-copy of user manual can be sent by email on requested. For enquiries, please call Aqua Cooler.

AFTER SALES SERVICE

1. For any defect, in the judgment of technicians from Aqua Cooler, caused under normal use, our company is responsible for repairing or replacing any parts of the said electrical appliance free of charge within a one year guarantee period commencing from the date of purchase. Any defective part which has been replaced shall become our property. Warranty service does not cover the repair or replacement of parts such as the power cord, water tank, water tank cover, conversion accessories (included adapter, bottled water connector, barreled water connector and silicone tube) and enclosure etc. If the appliance is used improperly, for commercial or semi-commercial use, or not following the instructions in the operation manual, the warranty becomes invalid and our company will refuse any liability and repairing cost for the damage caused.
2. Users must present the official invoice / receipt and the product warranty card (printed on packing box, and must be saved it for future reference.) for warranty maintenance. For enquiries, please call Aqua Cooler.

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AQUA COOLER

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