



RASLOK

Dear Customer,

Thank you for purchasing the **HCM-T7 cold, hot & ambient** water dispenser purifier. Rest assured that all our products are designed and manufactured to the highest standards.

We would like you to utilize all the features of our device which equipped with internal smart filtration system.

Now you can enjoy an unlimited supply of high-quality, healthy, tasty water, just the way you like it - cold, hot or ambient.



MODEL: HCM-T7

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SAFETY PRECAUTIONS

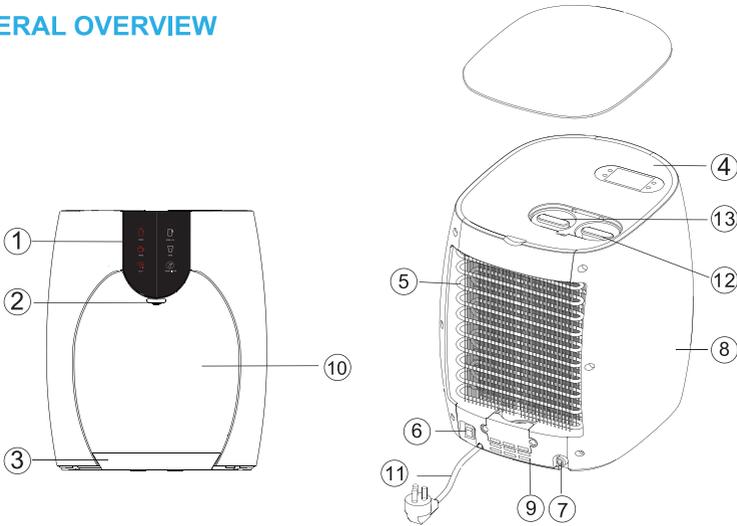
1. Keep electrical appliances out of reach from children. Do not let them to operate the appliances without supervision.
2. To protect against the risk of electrical shock, do not immerse the product, cord or plug into water or any other liquids.
3. This product is not intended for use by person(including children) with reduced physical, sensory or mental capabilities unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
4. If the power cord or plug is damaged, it must be replaced by the service centre or a qualified service technician to avoid hazard.

WARNING | to reduce the risk of fire, electrical shock or injury to persons or property, please read and follow below instructions carefully.

1. Always operate the product from a power source of the same voltage, frequency and rating as indicated on the product identification marking.
2. Do not operate this product if it has malfunctioned, damaged cord or plug or appears damaged in any way. Return the complete product to the place of purchase for inspection, repair or replacement.
3. This product should not be used in the immediate vicinity of water, such as bathtub, washbowls, swimming pool etc. where the likelihood of immersion or splashing could occur.
4. Always switch off and unplug the plug from outlet when not in use, before assembling or disassembling parts and before cleaning. Fully assemble the set before operating.
5. Avoid contacting with moving parts. Do not insert any object through the guard when the set is operating.
6. Always disconnect the appliance when moving it from one location to another.

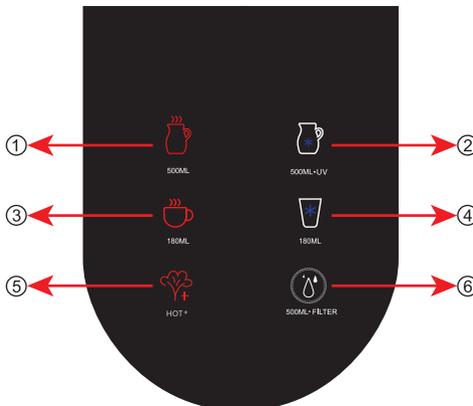
PRODUCT DESCRIPTION

1. GENERAL OVERVIEW



- | | |
|--|---|
| 1). User Interface | 8). Side Panel |
| 2). Water Spout | 9). Back panel |
| 3). Drip Tray | 10). Front panel |
| 4). Top cover | 11). Power cords |
| 5). Condenser | 12). Stage 1 filter (Sediment&Carbon Composite-PAC) |
| 6). Heating System Switch ON(1) / OFF(0) | 13). Stage 2 filter (UF&ACF Composite) |
| 7). Water inlet | |

2. OPERATION USER INTERFACE(UI)



- ① Hot water big cup(Default 500ml) :Red & White two color light
- ② Cold water big cup(Default 500ml)/UV working indication :Blue & White two color light
- ③ Hot water small cup(Default 180ml):Red & White two color light
- ④ Cold water small cup(Default 180ml):Blue & White two color light
- ⑤ Extra Hot/Reboiling :Red & White two color light
- ⑥ Ambient water big cup (Default 500ml)/Filter reminder :Red & White two color light

3. DESCRIPTION OF BUTTON FUNCTIONS AND OPERATION

1)  Hot water big cup (Default 500ml) button: Red and white two color light and it is used to dispense hot water big cup.

A. When the child-lock function on

Keep long press  button 2 seconds after you hear the buzzer sounds and the light turn from white to red, the machine began to dispense hot water big cup till it finish the light will turn back white. You can press any button to stop in advance as well.

B. When the child-lock function off

Just press  button once after you hear the buzzer sounds and the light turn from white to red, the machine began to dispense hot water big cup till it finish the light will turn back white. You can press any button to stop in advance as well.

2)  Hot water small cup (Default 180ml) button: Red and white two color light show. It is used to dispense hot water small cup and indication of heating status.

A. When the child-lock function on

Keep long press  button 2 seconds after you hear the buzzer sounds and the light turn from white to red, the machine began to dispense hot water small cup till it finish the light will turn back white. You can press any button to stop in advance as well.

B. When the child-lock function off

Just press  button once after you hear the buzzer sounds and the light turn from white to red, the machine began to dispense hot water small cup till it finish the light will turn back white. You can press any button to stop in advance.

Anytime, When machine is in sterilizing/heating status the  button light always show red till it finish then turn back white.

3) Extra hot/Reboiling  button: Red and white light, it is used to start and close the reboil function.

When the reboiling function is activated,  light turn from white to red, until hot water reach the setting temperature(Default is 95°C) then light turn back white again, Default light on is white and you can press any time to stop in advanced.

4)  Cold water big cup (Default 500ml) button: Blue and white two color light show, it is used to dispense cold water big cup and indication of UVC working.

Just press  button once and the buzzer sounds, both blue and white Led light on then the machine began to dispense cold water big cup till it finish, the light will turn back white, you can press any button to stop in advance.

5)  Cold water small cup (Default 180ml) button: Blue and white two color light and it is used to dispense cold water small cup and indication of cooling status.

Just press  button once after you hear the buzzer sounds and the light turn from white to blue, the machine began to dispense cold water small cup till it finish the light will turn back white, you can press any button to stop in advance as well.

Anytime, When machine is in cooling status the  button light always show blue till it finish then turn back white.

6)  Ambient water big cup (Default 500ml) button/ Filter replace reminder : Red and white two color light and it is used to dispense ambient water big cup, the default light show white but when the life of filter element is due, the  light will become red and make buzzer, which remind the customer it's time to replace filter.

Just press  button once after you hear the buzzer sounds and the light turn from white to blue, the machine began to dispense ambient water big cup till it finish the light will turn back white, you can press any button to stop in advance as well.

7) UVC LED **Sterilizer** working principle:

*UVC always follow the rule of “working 2 hours and stop 1 hour” as cycle.

*When the UVC working, Both blue and white light of  light on at the same time.

*Anytime dispensing cold & ambient water the UVC starts work, and when stop the light turn back white.

*When the UVC fails, the  flash 3 times every 2 hours.

4. SETTING

A: Water temperate setting

a. Hot water temperature setting (Default is 90°C)

Press  and  icon together one second and till you can see  icon blinking, then you can start set the hot water temp, to increase press , each press increase 1°C and maximum increase 2 degree, to decrease you need press , each press decrease 1 degree and maximum decrease 3 degree.

You can skip this step by press  enter into extra hot water temp setting status.

b. Extra hot/Reboiling temp setting (Default is 95°C)

During extra hot temp setting status you will see the extra hot  icon blinking, then you can start set the extra hot water temp, to increase press , each press increase 1°C and maximum increase 1 degree, to decrease press , each press decrease 1 degree and maximum decrease 1 degree.

you can skip this step by press  to exit the setting status.

Attention: Anytime when customer active the temp setting status, the hot and extra hot temp data will automatically restore the factory setting, if u request different temp you need re-setting.

B: Cooling on/off function

Press  and  icon together one second to turn off the cooling function, you can press  and  one more time to tun on the cooling function.

Notes: Anytime the machine power off to restart, cooling function is always default on)

C: Child-Lock on/off setting (Default is “ON”)

Press  and  icon together one second to off the child lock function, you can press  and  one more time to on the child-lock function.

1) When the child lock on, long push  or  for 2 seconds to start hot water big cup or hot water small cup dispensing function.

2) When the child lock off, short push  or  for 1 second to start hot water big cup or hot water small cup dispensing function.

D: Filter Lifespan Setting

1) Filter life pattern comparison Data sheet

Used flow(L)	≅ 3000L	≅ 2800L
Ambient water button	White	Red

2) Calculation method: Calculation with flow-meter simultaneously, which one reached first as consumer standard.

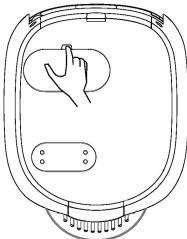
3) When the lifespan of filter is less than 200L, the dispensing button light turn red when the filter element life is due, every 3 hours you will hear the buzzer sounds 3 times and  flash 10S in red color until it was reset.

4) Filter Life reset:

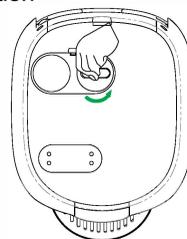
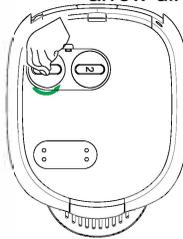
Keep pressing both hot big cup  and ambient water  together for 5 seconds (The buzzer sounded), and filter life is reset.

5) Filter Replacement guideline and functionality instruction

Step 1: Take out the filter cover



Step 2: Take out and turn on the filter as the arrow direction



Item No.	Description	Reduction &Function	Lifespan
HCMT7-F1	Sediment& Carbon Block Composite with anti-scale	Sediment- remove sand,dust, mud impurity,iron rust and substance Carbon -Absorb unusual colors and odors,remove residual chlorine and organic substance, special material prevent habit of scale water.	3000L
HCMT7-F2	UF Membrane& ACF Composite	UF -remove bacteria,iron rust colloids and impurities Carbon fiber -further absorb chlorine, micro-mole clues and organic substance,special improve water taste	3000L

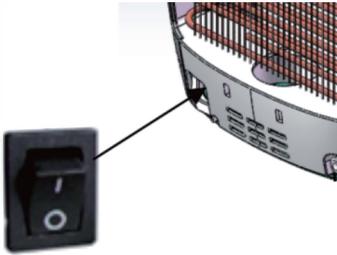
5. DESCRIPTION OF NIGHT LIGHT & PROGRAM MEMORY

- * The night light is always on show blue light as default.
- * When dispensing hot water the night light will turn red color.
- * When dispensing cold water the night light will turn blue color.
- * When dispensing ambient water the night light will turn red and blue both.
- * When the machine is powered off, all settings data could be save for one week long, otherwise you need re-setting.
- * Any buttons are touched, the buzzer will be activated, and the sound with a chord voice.

6. MACHINE FIRST TIME USE ATTENTIONS

1) Before power on, Pls check whether the input water pipeline is well connected? Make sure the heating switch on the back is on OFF(0) status.

[Note ON--(1) side , OFF -(0) side]



2) Connect the plug to the power supply, start to dispense hot or cold water first.

*Hot water: Keep press  or  2 seconds wait till see the water come out from the outlet nozzle (Default hot water child lock function is on, so you need press 2S to dispense hot water)

*Cold water: Press  or  wait till see water come out from the outlet nozzle. 3) Turn on the heating switch at the back of the machine to start the heating function.

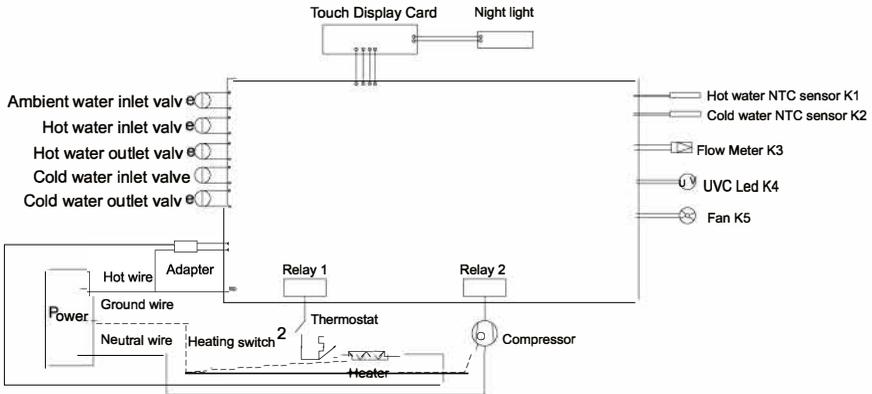
7. Dry heating protection alarm and Compressor protection function program.

1) When the heating element sensor detects there is a dry heating, system will stop heating, and you will see both  and  button keep flashing, The dry

heating alarm protection can be removed only after the power is off and the machine is restarted.

2) When the cooling is over (the cold water temperature reaches the setting value of 5 degrees), the compressor stops working and the cooling function cannot restart within 4 minutes. After 4 minutes, if the cold water temperature reaches the cooling start temperature point and the compressor starts working again, if the temperature does not reach the cooling start temperature point after 4 minutes, the compressor protection function ends.

MACHINE WORKING PRINCIPLE



CIRCUIT DIAGRAM

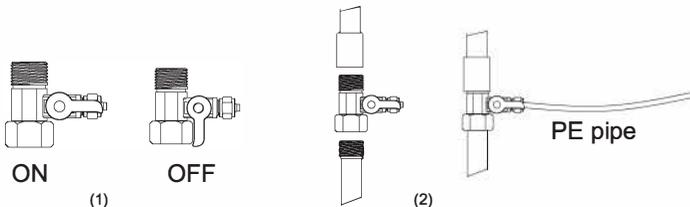
PRODUCT SPECIFICATION & PARAMETER

Item	Power supply	110-120 volts	220-230 volts
1	Voltage Frequency Cooling Power Heating Power UVC Led Power Total power Current Refrigerant gas Climate Class	115V, 1phase 60Hz 80W 500W 0.8W 580.8W 5A R134a/1.34OZ ST/T	230V, 1phase 50Hz/60hz 80W 500W/800W 0.8W 580.8W/880.8W 3A R134a/38G ST/T
2	SUS 304 cold vol Cold water output Cold water Temp	0.37GAL 0.79GAL/H 41-50°F	1.4 L 3.0L/H 5-10°C
3	SUS 304 heater vol Hold water output Hot water Temp range Extra heating Temp range	0.27GAL 1.3GAL/H 181-194°F 202-205°F	1.0 L 5L/H 83-90 °C 94-96 °C
4	1 st -Sediment&Activated carbon Block composite 2 nd -UF Membrane&ACF	1 st -Lifespan :3000L(550GAL) 2 nd -Lifespan :3000L(550GAL)	
5	Applicable water pressure	0.1-0.4Mpa	
6	Rate Pure water Flow (Water pressure 0.1-0.4Mpa)	1.0-1.2L/M 0.26-0.31GAL/M	
7	Applicable water	Tap/City Water	
8	Product size Packing size	384(L)*296(W)*355(H) MM 404(L)*344(W)*434(H) MM	
9	Net.Weight Gross Weight	10.50 KGS/23.15 LBS 11.80 KGS/26.01 LBS	

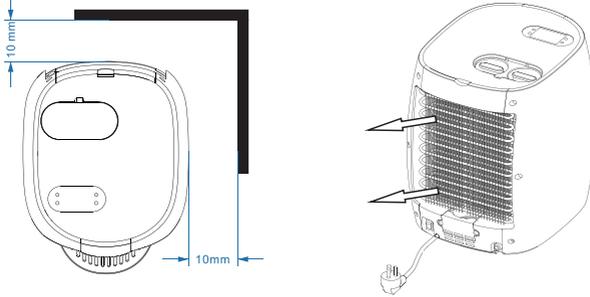
INSTALLATION&UNPACKING

Please cut off water source before replacing filters.Never plug filters in water running state.

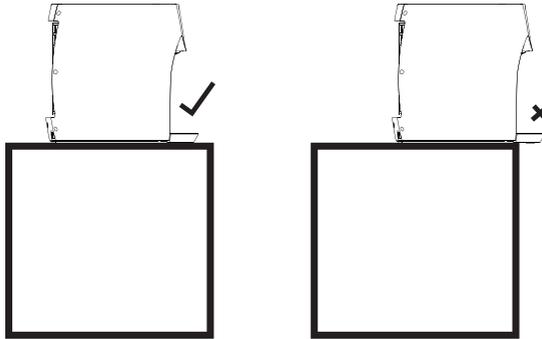
1. Open the top of the packing case,take out the top foam and its accessories..put the accessories aside.
2. Unpack the product,install the water collector.
3. Take out the quick joint,and install it on the water pipe.



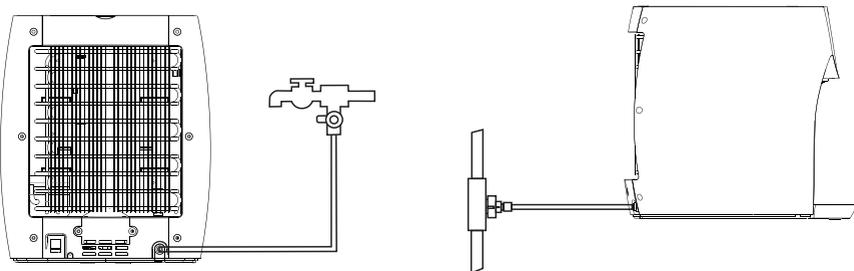
4. Filter should be cleaned for the first use. Turn on the faucet to flush the filter for 10 minutes, When installing the machine, please pay attention to the installation dimension in case for the blocking of air inlet and outlet.



5. Drip tray cover must be properly placed inside the machine. No suspending in midair in case of falling off.



6. Take out the pin of the quick joint at the rear of the product's base plate, and then take out the blue plug. Insert the water inlet PE pipe in the quick joint, and tighten the pin.



7. The water cooler plug cord into a ground fault interrupter receptacle. After installing, supply power, and begin to use the Water purifier.

8. When installing filter and replace filter please turn off the water and power supply before installation and replacement.

TROUBLESHOOTING GUIDE

In case of failure, please carry out inspection according to the requirements below. If unresolved, please contact the local service agency.

Failure&Error Code	Cause	Solution
Small water flow	Low water pressure	Check the tap water
	Filter not replaced in time, beyond the use time	Please contact the local service agency to replace the filter
Water leakage	Pipe not connected properly	Inspect the connector to connect the pipe properly
	Water pipe and PE pipe bursting	Replace the water pipe and PE pipe
Electric leakage	Machine in poor contact with ground	Use a three-pin socket with earth wire, making the machine grounded properly
Noisy operation	Not installed steadily	Place the machine on a steady & solid surface
Machine fails to run	Power supply not put through	Switch on power supply
 turn red and  turn red and keep flashing	Dry heating alarm	Power off and make sure the heater has water supply, wait 5 minutes, then turn on the machine again.
 turn red and  turn red and keep flashing	Hot NTC sensor Error	NTC terminal loose or fail, re-connect or change with new
 turn blue and  turn red and keep flashing	Cold NTC sensor Error	NTC terminal loose or fail, re-connect or change with new
 turn blue and  turn red and keep flashing	Water shortage	Check the water source/filter/-flow-meter or contact local service agent support
 turn red and keeping flash every hour	Filter life expire	Replace filter and resetting

Notes: It is a normal state that the following circumstances occur when the water purifier is used.

- 1). During the heating, the heating tube may generate slight noises. This is a normal state.
- 2). When the heating element is being heated without water, the anti dry-heating device will disconnect automatically. You need to make sure there's water supply and power off the dispenser, wait for 5 minutes and power on again.