



Dear Customer,

Thank you for purchasing the **Onyx** series **cold, hot & mix** 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.

We care about the same things you care about: your and your family's health. We are here to take care of you!

Please read this manual carefully before operation. Thanks



DRINKPOD Onyx

DPWPA700CT(B/W)

SAFETY PRECAUTIONS

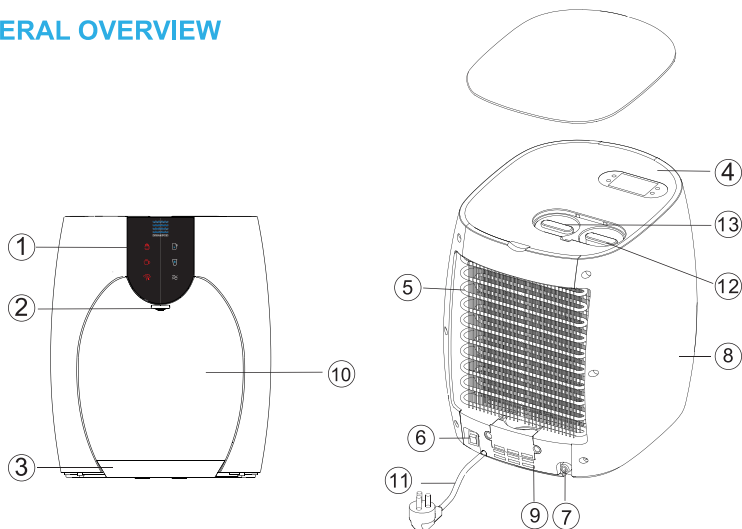
1. Keep electrical appliances out of reach from children. Do not let them to operate the appliances without supervision.
2. To protect against the risk of electrical shock, do not immerse the product, cord or plug into water or any other liquids.
3. This product is not intended for use by person(including 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

2). Water Spout

3). Drip Tray

4). Top cover

5). Condenser

6). Heating System Switch ON(1) / OFF(0)

7). Water inlet

8). Side Panel

9). Back panel

10). Front panel

11). Power cords

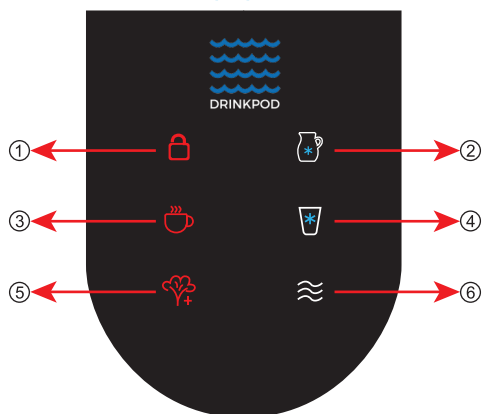
12). Stage 1 filter

Particle + Chemical Scrub

13). Stage 2 filter























ULTRA + Polishing Scrub

2. OPERATION USER INTERFACE(UI)






- ① Child Lock(Setting): Red and white two-color light
- ② Cold water big cup (Default 1 Liter) Blue/White light
- ③ Hot water key (Default 1 Liter) :Red/White light
- ④ Cold water key (Default one cup180ML)” Blue/White light
- ⑤ Extra Hot+ /Reboiling key: Red/White light
- ⑥ Mix water key (Default one cup 180ML): Blue/White light


3. DESCRIPTION OF BUTTON FUNCTIONS AND OPERATION




- 1)  Child lock button: Red and white two- color light ,default show red and use as combined button for Hot water dispensing and combined setting key.
 A: When you need take hot water, you should push  first and light turn to white.
 B: Keep pushing  and cold water big cup  button at the same time to reset the filter life.
- 2)  Hot water button: Red and white two-color light, used to dispense hot water and indication heating status.
 A: Firstly push  and light show white, then push  to dispense the hot water in 3 second (The default volume is 1 Liter). hot water  light show red. when dispensing over  Light turn back white. you can press any button to stop in advance.
 B: When the machine is in heating status,  light always show red, Until the heating over,  turn back show white.
- 3)  Reboiling/Extra hot button: Red and white two-color light and used to start and close the reboil function, when reboiling function is activated, the  show red, until hot water reach the setting temperature(default is 96 degree ,and  turn back show white again,  Default show white, you can also press one time to stop anytime.
- 4)  Cold water big cup (Default is 1 Liter) dispensing button: Blue and white two-color light, used to start the cold water big cup dispensing and combined setting key .
 A. Push  button to dispense the cold water big cup, The  light show blue. when dispensing over  Light turn back white. you can press any button to stop in advance.
 B. Keep pushing  and cold water big cup  button at the same time to reset the filter life.
- 5)  Cold water button (Default one cup180ML) blue and white two-color light, used

to dispense cold water and indication of cooling status.

A. Push  to dispense the cold water (The default volume is 180ML). the  light show blue. when dispensing over  Light turn back white. you can press any button to stop in advance.

B. When the machine is in cooling status,  light always show blue, Until the cooling over,  turn back shows white.




6)  Blue and white two-color light, used to dispense mixed water and indication of UVC-Led working status.

A. Push  to dispense the mixed water (The default volume is 180ML). the  light show blue. when dispensing over  Light turn back white. you can press any button to stop in advance.

a. Mixed water cold and hot water distribution ratio table




Needed capacity	Cold capacity	Hot capacity
180ml	80ml	100ml
Note: This data is based on hot water at 90℃ and cold water at 20℃. The temperature of the mixed water will change due to the temperature difference between cold and hot water. The designed mixed water temperature is 30-45℃.		

b. Mixed water principal: cold water and hot water are dispensing separately, cold water is dispensed first, and hot water is dispensed after the cold water is over.

B. When UVC-led working,  shows blue, When UVC stops,  shows white, when UVC fail, the  flash blue all the time.






UVC Led Working principle:






After the machine is powered on for the first time, the UVC-LED lamp automatically start working 2 hours, then turn off for 1 hour, Repeat such loop (working 2 hour and stop 1 hour) as a cycle, When taking cold water the UVC working.

During UV working status  key shows blue, when UV stops,  key shows white when UV fails, the  key flash blue always.










4. SETTING

A. Hot water temperature setting (Default temperature 92℃)










Normal heating temperature: long press  for 5 seconds, the  two-color light on, s, the  red light flashes, then enters the hot water temperature setting state, press the  temperature increase, each press  increases by 1℃, and the maximum

increase is 3 °C; press the  button, the temperature decreases, Each press  will decrease by 1 °C, and will decrease maximum by 3 °C. Press  to confirm and complete the setting and system enter to reboiling temperature setting state, or exit the setting if there is no any operation within 5 seconds, and the light  and  will return to the normal color.

B. Reboiling/Extra Hot temperature setting (Default temperature is 95 °C)






After the hot water temperature setting is completed, press  again within 5 seconds to enter the reboiling temperature setting, the red  light flashes, press  the temperature increases, each  press increases by 1 °C, and the maximum increase is 2 °C; press the  button, the temperature decreases, and each press  decreases 1 °C, reduce by 2 °C maximum. Press  to confirm and complete the setting and system enter to cold water temperature setting state, or exit the setting if there is no any operation within 5 seconds, and the light  and  will return to the normal color.





C. Cold water temperature adjustment (Default temperature is 5 °C)

After the reboiling water temperature setting is completed, press the  button within 5 seconds, the  blue light flashes, press  again, the temperature increases, each press  increases by 1 °C, and the maximum increase is 2 °C; press  the button, the temperature decreases, and each press  decreases by 1 °C, Decrease by 2 °C maximum. Press  to confirm and complete the setting or exit the setting if there is no operation within 5 seconds, and the light  and  will return to the normal color.

Note: When the customer activates the temperature setting condition, the hot water, extra hot, and cold water temperatures will automatically return to the default initial data, and the customer needs to reset the temperature from beginning.



D. Fixed flow rate setting

1) Hot water flow setting: Press  and  at the same time for 5 seconds, the two-color lights all light up and enter the flow setting program. Press  first to start the hot water dispensing, till the required water flow comes out from the spout, press the  key again to stop. This memory flow rate will be the set fixed flow rate of hot water. Press  to confirm and complete setting then system enter to the cold water fixed flow setting, or exit setting automatically if there is no operation within 5 seconds.

2) Cold water flow setting: After the hot water fixed flow setting is over, the  two-color lights light up and enter the flow setting program. Press  first to start the cold water dispensing, till the required water flow comes out from the spout, press the  key again to stop. This memory flow rate will be the set fixed flow rate of cold water. Press  to confirm and complete setting, or exit setting automatically if there is no operation within 5 seconds.

Note: The default cold water cup flow rate of is 180ML, and the hot water flow rate is 1 L. After the new flow rate is set, the latest flow value is change accordingly.

E. Filter lifespan setting and Installation instruction

1) Resetting: keep pushing 5 seconds both child lock  and cold water big cup  button at the same time to restore factory setting.

Filter life pattern comparison data sheet

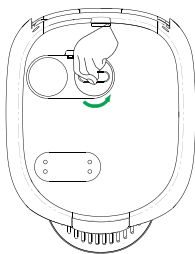
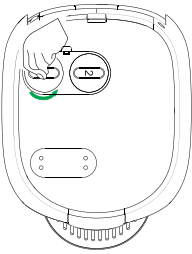
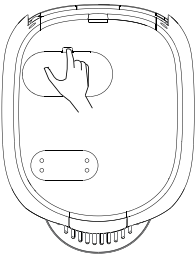
Used FLOW	≧ 2100L	≧ 200L
Used Time	≧ 180 Days	≧ 10 Days
NIGHT LIGHT COLOR	BLUE	RED&FLASH

Principle: Calculation with flow-meter and time simultaneously, which one reached first , When the lifespan of filter is less than 200L or the used time is less than 10 days, the water outlet spouts night light will show red and flash until reset.

2) 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



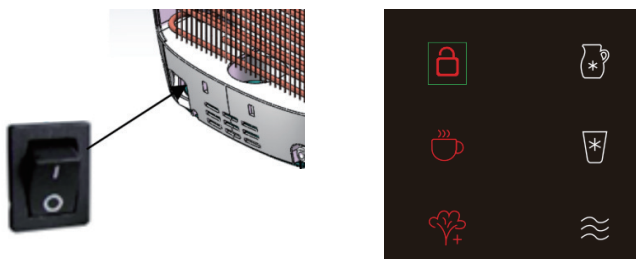
Item No.	Description	Reduction &Function	Lifespan
DPFLT07TK	Sediment& Carbon Block Composite with anti-scale	Sediment- remove sand,dust, mud impunity,iron rust and substance Carbon -Absorb unusual colors and odors,remove residual chlorine and organic substance, special material prevent habit of scale water.	2100L/6 Months
DPFLT08TK	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	2100L/6 Months







5. DESCRIPTION OF NIGHT LIGHT & PROGRAM MEMORY

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



6. MACHINE FIRST TIME USE ATTENTIONS

- 1) Before power on, please check whether the raw water pipeline is well connected? Connect the power plug to the power supply, the operation panel is as shown on the below: **make sure the heating switch on the back of the machine is on OFF(0)status**
[Note: ON-(1) side, OFF-(0) side]



- 2) Hot water first filling operation: After power on, the  button lights up and show red and flashing.
- First of all, you must press  and then push  button to dispense hot water for 1 liters till water come out from nozzle .
- 3) Cold water first filling operation:
- After the hot water first filling operation ,you must press  start the cold water dispenses 1 liters until there is water come out from nozzle
- Press  or  to start the cold water small/ big cup dispensing.
- 4) Turn on the heating switch at the rear of the machine to start the heating function.

7. Drying heating alarm and compressor protection function

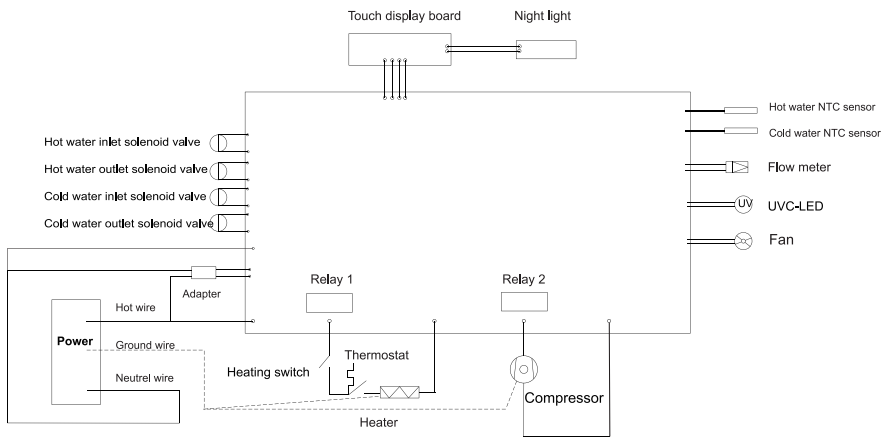
- 1) When the hot water detects there is dry heating, the machine heating malfunction . Both  and  button flash at the same time. and the dry-heating alarm can be

canceled only after the power off and power on again.

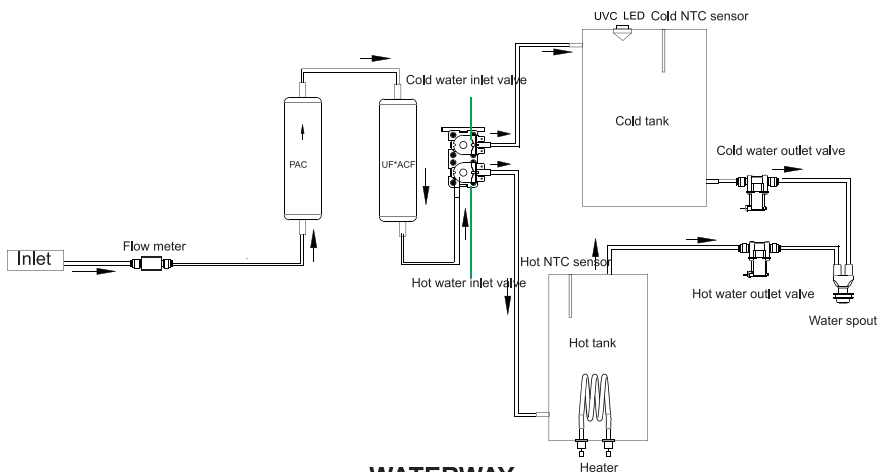
2) When the cooling is over (the cold water temperature reaches the setting temperature of 5°C), the compressor stops working, and the cooling function cannot be started within 4 minutes.

After 4 minutes, If the cold water temperature reaches the cooling start temperature and the compressor starts to work. If the temperature does not reach the cooling start temperature after 4 minutes, the compressor protection function ends.

MACHINE WORKING PRINCIPLE



CIRCUIT DIAGRAM



WATERWAY

PRODUCT SPECIFICATION & PARAMETER

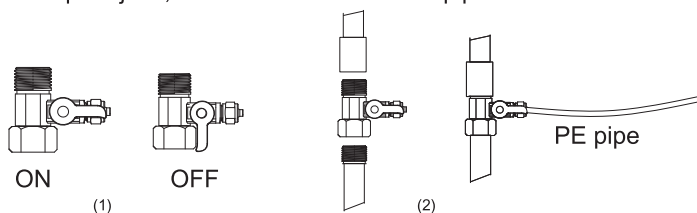
Item	Power supply	110-120 volts	220-230 volts
1	Voltage Frequency Cooling Power Heating Power UVC Led Power Total power Current Refrigerant gas Climate Class	115V, 1phase 60Hz 80W 500W 0.8W 580.8W 5A R134a/1.34OZ ST/T	230V, 1phase 50Hz/60hz 80W 500W/800W 0.8W 580.8W/880.8W 3A R134a/38G ST/T
2	SUS 304 cold tank 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 hot tank vol Hold water output Hot water Temp range Extra heating Temp range	0.27GAL 1.3GAL/H 192-201°F 201-206°F	1.0 L 5L/H 89-94°C 94-97°C
4	1 st -Sediment&Activated carbon Block composite 2 nd -UF Membrane&ACF	1 st -Lifespan :2100L(550GAL)/180 Days 2 nd -Lifespan :2100L(550GAL)/180 Days	
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	10.00kg/ 22.05 lbs 11.0 kg/ 24.25 lbs	

INSTALLATION & UNPACKING

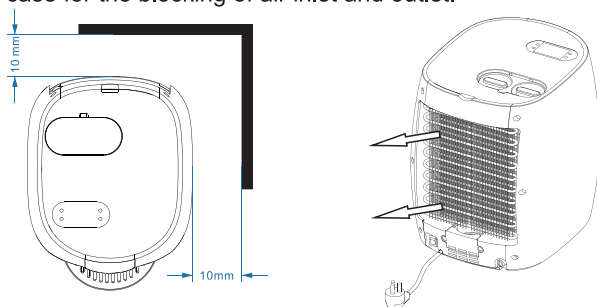
For detailed instructions,
see installation manual.

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

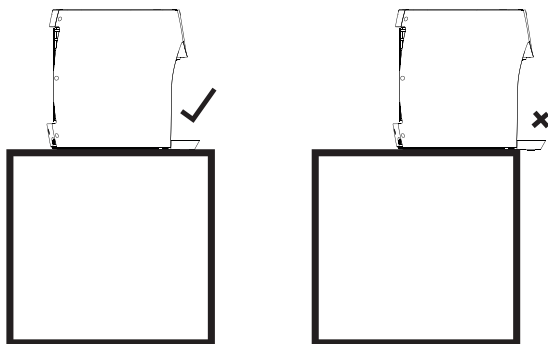
1. Open the top of the packing case, take out the top foam and its accessories..put the accessories aside.
2. Unpack the product, install the water collector.
3. Take out the quick joint, and install it on the water pipe.



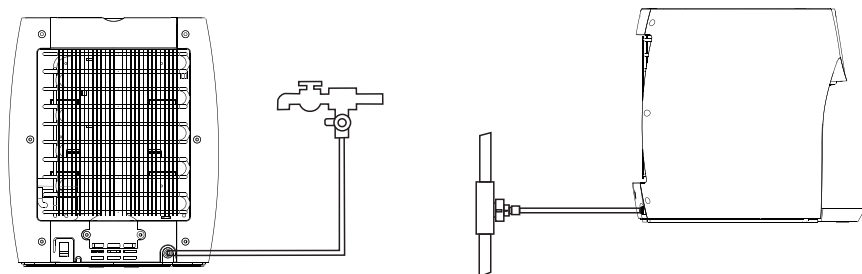
4. Filter should be cleaned for the first use. Turn on the faucet to flush the filter for 10 minutes, When installing the machine, please pay attention to the installation dimension in case for the blocking of air inlet and outlet.



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
 and  Flash	Drying heating	Power off and turn on machine again
The night light flash red	Filter life expires	Change new filter and Re-setting
The  key flash blue	UVC fails	Change new UVC-LED

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 tank is being heated without water, the anti dry- burning device will disconnect automatically and can not reset by its own. The reset must be completed by a professional technician. The design is in accordance with the national safety requirements.