

Dear Customer.

Thank you for purchasing the **Onyx** series **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.

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

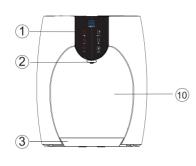
- 1. Keep electrical appliances out of reach from children. Do not let them to operate the appliances without supervision.
- 2. To protect against the risk of electrical shock, do not immerse the product, cord or plug into water or any other liquids.
- 3. This product is not intended for use by person(including 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 of injury to personal or property, please read and follow below instructions carefully. to reduce the risk of fire, electrical shock or injury to persons

- 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

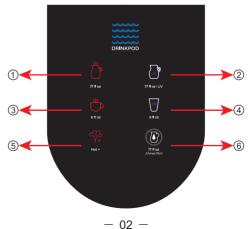
1. GENERAL OVERVIEW



- 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 Hot water big cup(Default 17 oz) :Red & White two color light
- 2 Cold water big cup(Default 17 oz)/UV working indication :Blue & White two color light
- ③ Hot water small cup(Default 6 oz):Red & White two color light
- ④ Cold water small cup(Default 6 oz):Blue & White two color light
- 5 Extra Hot/Reboiling :Red & White two color light
- ⑥ Ambient water big cup (Default 17 oz)/Filter reminder :Red & White two color light

3. DESCRIPTION OF BUTTON FUNCTIONS AND OPERATION

1) Hot water big cup (Default 17 oz) 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 second 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 6 oz) 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 second 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 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, Fight turn from white to red, until hot water reach the setting temperature (Default is 203°F) 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 17 oz) 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 6 oz) 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 17 oz) 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 (1) light will become red and

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 $\begin{tabular}{l} \put(0,0) \put(0,0)$

make buzzer, which remind the customer it's time to replace filter.

4. SETTING

A: Water temperate setting

a. Hot water temperature setting (Default is 194°F)

Press and and ill you can see icon blinking, then you can start set the hot water temp, to increase press can, each press increase 1°F and maximum increase 2 degree, to decrease you need press cach 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 203°F)

During extra hot temp setting status you will see the extra hot temp setting, then you can start set the extra hot water temp, to increase press ,each press increase 1°F 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 (1) 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 close the cooling function, you can press * and * one more time to open the cooling function.

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

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

Press and initial icon together one second to close the child lock function, you can press in and initial one more time to open the child-lock function.

- 2) When the child lock on, short push or 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(Gallon)	≦550G≧50G	≦50G
Used time(Days)	≦180D ≧10D	≦10D
Ambient water button	White	Red

- 2) Calculation method: Calculation with flow-meter and time simultaneously, which one reached first as consumer standard.
- 3) When the lifespan of filter is less than 50G or time is less than 10 days, 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 (3) flash 10S in red color until it was reset.
- 4) Filter life restoration setting:
 Keep push both hot big cup and ambient water (a) together for 5 seconds (The buzzer sounded), and filter life restored.
- 5) Filter Replacement guideline and functionality instruction

Step 1: Take out the filter cover

arrow direction



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

Item No.	Description	Reduction &Function	Lifespan
		reduction of unction	55 54
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.	550GAL/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	550GAL/6 Months

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, PIs check whether the raw water pipeline is well connected? Make sure the heating switch on the back is on OFF(0) status.

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





- 2) Connect the plug to the power supply, First start to operate hot or cold water tank first filling.
- *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 rear of the machine to start the heating function.

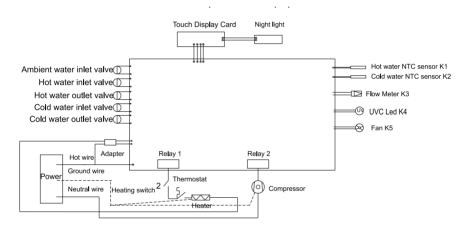
7. Dry burning/heating protection alarm and Compressor protection function program.

1)When the hot tank's heating element detects there is dry burning, system immediately malfunction heating, and you will see both and button keep flashing, The dry

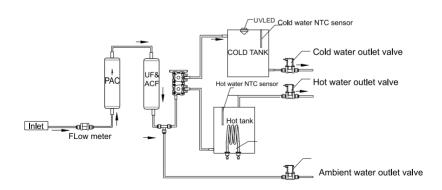
burning alarm protection can be remove only after the power off and re-starting the machine again.

2) When the cooling is over (the cold water temp reaches the setting value 5 degree), the compressor stop working and the cooling function can not re-start within 4 minutes. After 4 minutes, if the cold water temp reaches the cooling start temp point and compressor starts work again, if the temp does not reach the cooling start temp point after 4 minutes, the compressor protection function ends.

MACHINE WORKING PRINCIPLE



CIRCUIT DIAGRAM



WATERWAY

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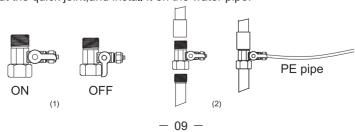
PRODUCT SPECIFICATION & PARAMETER

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 181-194°F 202-205°F	1.0 L 5L/H 83-90 °C 94-96 °C
4	1st -Sediment&Activated carbon Block composite 2nd-UF Membrane&ACF	1st-Lifespan :2100L(550GAL)/180 Days 2nd-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	10.50 KGS/23.15 LBS 11.80 KGS/26.01 LBS	

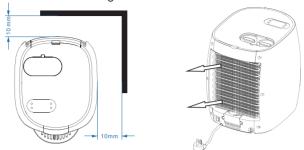
INSTALLATION&UNPACKING

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

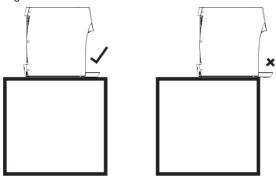
- 1. Open the top of the packing case, take out the top foam and its accessories..put the accessories aside.
- 2. Unpack the product, install the water collector.
- 3. Take out the quick joint, and install it on the water pipe.



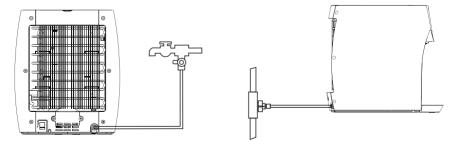
4. Filter should be cleaned for the first use. Turn on the faucet to flush the filter for 10 minutes, When installing the machine, please pay attention to the installation dimension in case for the blocking of air inlet and outlet.



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
	Low water pressure	Check the tap water
Small water flow	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 leakage	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 unit and heating and re-plug in make sure hot tank full of water then turn on heating
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 agent for service
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 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. -11-