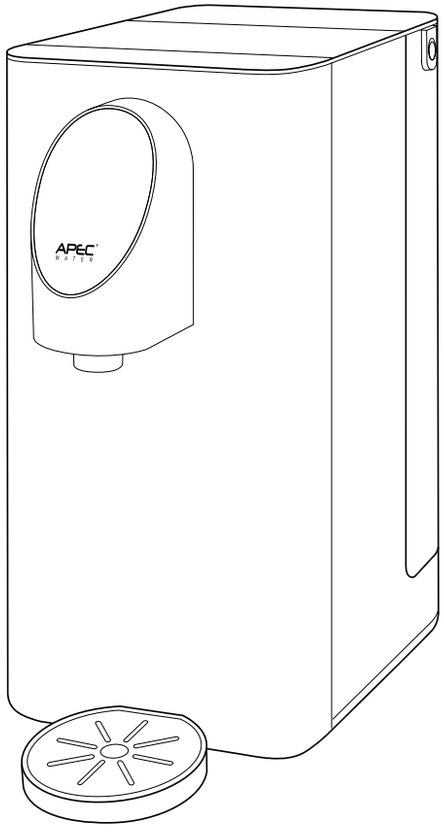
APEC WATER

INSTALLATION & OPERATING MANUAL



ROCT-PLUS

COUNTERTOP

REVERSE OSMOSIS DISPENSER

Read the Operating Manual carefully before using the product.

Keep the Operating Manual properly for future reference.

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01 THINGS YOU MUST KNOW

The user must operate strictly in accordance with the installation guidelines described in this "Product Installation and Operating Manual" (hereinafter referred to as the manual).

- Before use, please confirm that the applicable voltage of the dispenser is consistent with the actual voltage used by users.
- This dispenser is designed for home use. Please contact APEC Water for use in other applications.
- Do not use this system under the following situations:
  a.) When you find the dispenser is damaged
  b.) When you find the power cord or plug is damaged
  c.) When you find the water in the dispenser keeps overflowing

  You should immediately contact APEC customer support team for proper maintenance.
- To properly maintain your APEC drinking water system, please use only genuine APEC Water replacement filters and parts. Any system performance issues, problems, property damage or loss caused by the use of unauthorized filters, parts, or accessories are not covered by warranty.
- Do not disassemble or modify the dispenser without manufacturer approval, which may result in water leaks or property damage.
- Any malfunction caused by improper use or system modifications will not be covered by the warranty.

02 SAFETY PRECAUTIONS

WARNING

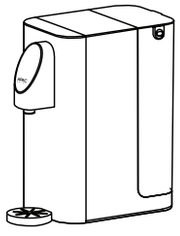
- The dispenser should be placed horizontally on a flat, clean and heat-resistant surface. It should be placed in a ventilated, sun-proof, freeze-proof room and away from any heat sources. Avoid contact with corrosive substances.
- The feed water should be from your city tap water or microbiologically safe and adequately disinfected water.
- Do not add ice cubes and other mixed liquids, such as milk and fruit juice, into the water tank.
- The required tap water temperature is 41°F-100°F. This is necessary to prevent damage to the dispenser.
- Regularly check and inspect whether the power supply and electrical wires are loose or damaged. Avoid damages caused by faulty wires.
- Only qualified professional personnel should attempt to repair or replace the power wire when it is damaged. Non-professionals may be at the risk of electric shock during maintenance.
- Do not insert or pull the power plug with wet hands or clean the plug with a damp cloth to avoid the risk of electric shocks.

- Ensure the plug is inserted into the socket completely to avoid hazard and prevent damage to the dispenser.
- Do not pull the power cord with force when removing the plug.

CAUTION

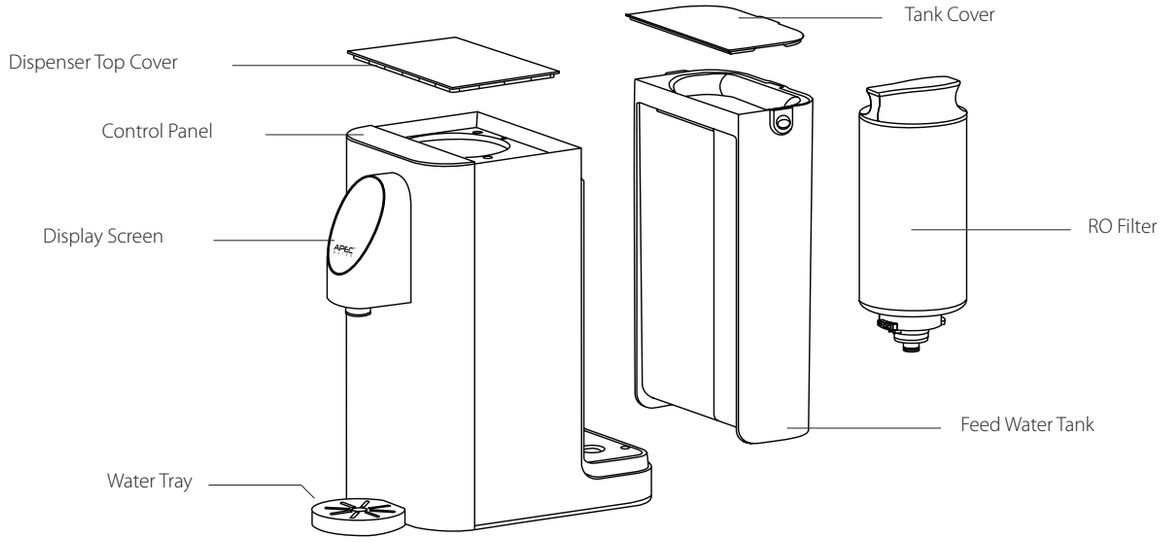
- Handle with care during transportation to avoid scratching or damaging to the product.
- When taking out the water tank, please ensure that the dispenser is stable to prevent the machine from tipping over.
- The product design adopts instant heating technology, and the front panel may become slightly warm during using, which is normal.
- Be careful with the hot water. Do not to burn yourself.
- Do not place heavy objects on the dispenser to avoid damage to the product.

03 PARTS LIST

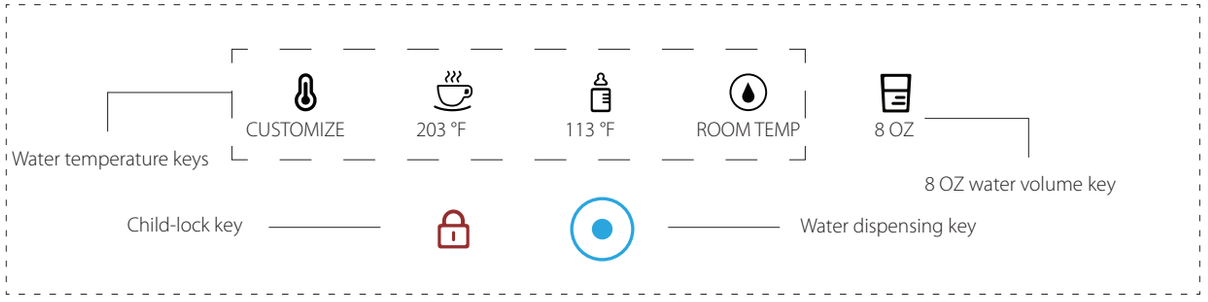
ITEM	PARTS	QTY	IMAGE
1	Main unit	1	
2	RO filter	1	
3	Water tray	1	

04 PRODUCT SPECIFICATIONS

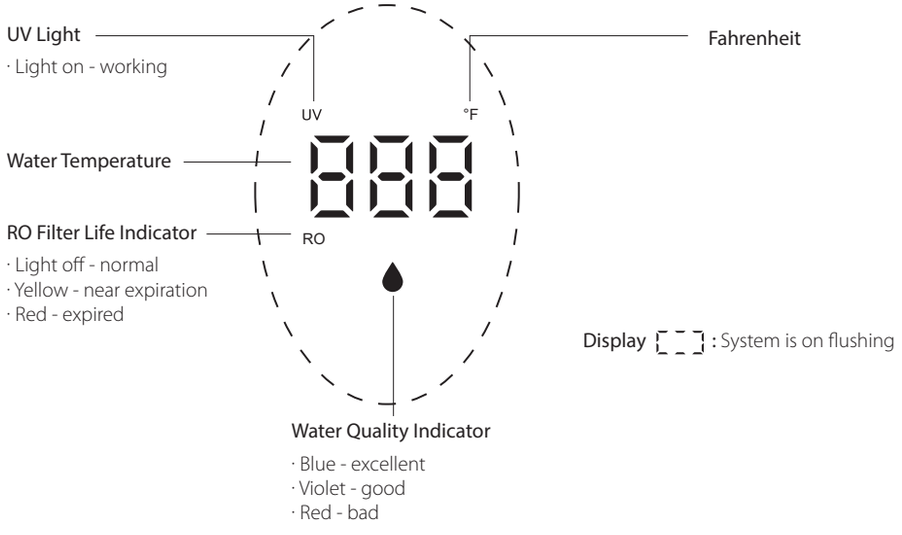
PRODUCT DESIGN



CONTROL PANEL



DISPLAY SCREEN



FILTRATION PERFORMANCE

FILTER	FILTRATION PERFORMANCE
Composite reverse osmosis filter cartridge	The membrane filter cartridge is 0.0001 micron rated which is designed to remove dust, particles, rust, chlorine, taste, odors, cloudiness, colors, VOCs, other chemicals, heavy metals, fluoride and more.

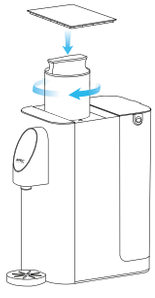
SPECIFICATIONS

MODEL	ROCT-PLUS
Dimensions	7⅞"W x 14¼"D x 15⅝"H
Power supply	120V/60Hz
Daily production rate	75 GPD
Total rated capacity[1]	1,056 gallons
Feed water source	City water only
Feed water temperature	41°F-100°F
Feed water quality	TDS < 500 ppm

1. Depending on actual tap water quality and usage, the total capacity will vary.

05 FIRST USE INSTRUCTION

Step 1



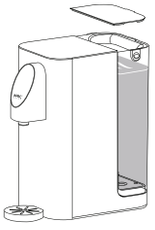
Open the top cover, and install the filter according to the instruction.

Step 2



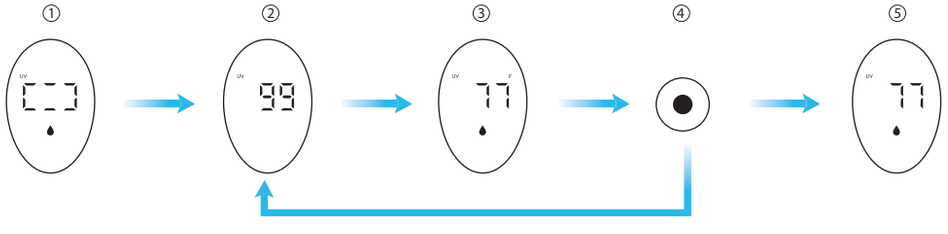
Remove the tank cover, take out the tank, and fill the tank with tap water.

Step 3



Place back the water tank and plug system power cord into electrical outlet.

Step 4



① Power on the system. It will automatically flush for 5 minutes with the screen displaying a dynamic clockwise loop [ ].

② System starts producing purified water with the screen displaying a countdown of 99 seconds.

③ ④ When the water quality indicator blinks, press the water dispensing key to dispense water (not drinkable).

④ ② ③ ④ Cyclically repeat steps 2-3 times until flushing water for 3L .

⑤ After dispensing water for 3L, the water quality indicator stops blinking. The system is ready for use.

Notes

1. When the screen displays 'L1', pour out the remaining water in the tank and refill it with tap water.
2. You will get the best taste after flushing the first 12L of water.

06 OPERATION AND SETTING

DISPENSING WATER

- Press key to continually dispense water, press again to stop dispensing water.
- Press 8 OZ key first, then press key to dispenser water for 8 oz. Press anytime to stop dispensing water.

SELECTING WATER TEMPERATURES

- ROOM TEMP : Press ROOM TEMP key to set purified water temperature as room temperature.
- 113 °F : Press 113 °F key to set purified water temperature as 113 °F.
- CUSTOMIZE : Press CUSTOMIZE key to select customized water temperature from 131°F, 149°F, 167°F or 185°F.
- 203 °F : Press 203 °F key to set purified water temperature as 203 °F.

HIGH ALTITUDE SETTINGS

If the dispenser is used in high-altitude area, please set high-altitude mode as follows:

1. Hold and press CUSTOMIZE + 8 OZ at the same time for 3 seconds to start the high-altitude mode. The dispenser beeps once and the temperature indicator blinks.
2. Short press CUSTOMIZE key to increase temperature or short press 8 OZ key to decrease temperature.

3. Press ⦿ key to confirm, or the setting will be saved automatically if no operation after 10 seconds.

4. Refer to the table below to adjust temperatures.

ALTITUDE RANGE(FOOT)	MAXIMUM HEATING TEMPERATURE
< 4500ft	203°F
4501 - 6500ft	199°F
6501 - 8500ft	196°F
8501 - 12500ft	190°F

CHILD-LOCK FUNCTION

- Hold and press 🔒 key for 5 seconds with buzzer beeps once to activate child-lock function; hold and press 🔒 key again to deactivate child-lock function.
- When selected purified water temperature ≥131°F, system will be locked with 🔒 lights up. Hold and press 🔒 key for 1s to unlock before dispensing water. It will be locked again when no water dispensing for 10 seconds.

STANDBY MODE

When dispenser is not operating for 20 seconds, it will enter standby mode. All indicators on control panel and display screen are off (only water dispensing key lights up with 50% brightness). Press any key on control panel to wake up the screen.

PRODUCING PURIFIED WATER

System starts producing water when the purified water is at low level. The screen will display countdown of 99 seconds and resume to normal status after the countdown is completed.

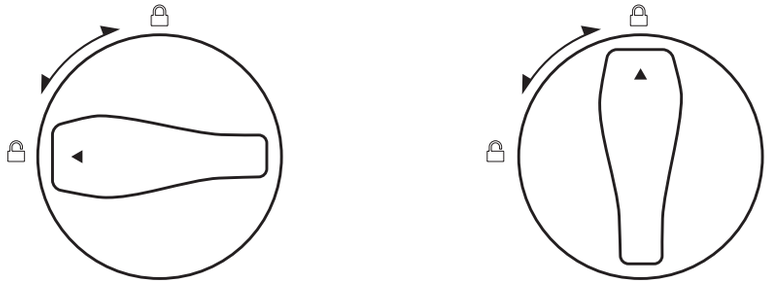
REFILLING WATER TANK

When screen displays 'L1', it indicates that water tank needs to be refilled. Pour out all remaining water in the tank and fill it with tap water up to the MAX fill line.

Notes:

- It is recommended to empty the purified water tank regularly: Hold and press 113 °F + 8 OZ at the same time for 3 seconds, then press ⦿ key to empty the purified water tank by the dispenser automatically. The screen will display dynamic clockwise loop [ ].
- It is recommended to change the water in the tank every day and clean the water tank regularly. When changing the water, pour out remaining water in the tank before refilling up with tap water.

FILTER REPLACEMENT AND RESET



Open Close

1. Open the top cover and rotate the filter counterclockwise to the open position (Open), and take out the old filter.
2. Install the new filter and rotate it clockwise to the close position (Close).
3. Long press 203 °F + ROOM TEMP at the same time for 3 seconds to reset filter life.
4. After reset filter life, system will automatically enter into the flush mode. Please follow step 4 from 'section 5 First Use Instruction' for operation.

Notes:

FI-CT-PLUS reverse osmosis filter cartridge service life – 18 months or 1056 gallons. Filter life may vary depending on actual tap water quality and water usage. Please replace the filter according to the filter life indicator light. Be sure to reset the filter life every time you replace the filter.

07 MAINTENANCE AND TROUBLESHOOTING

DISPENSER MAINTENANCE

- It's recommended to clean the water tank regularly (once a week is preferred) and clean the floating ball, floating ball silicone cap, and filter mesh in the water tank to prevent scale and impurities.

  1) Pull out the silicone cap first, then take out the floating ball (Figure 1).

  2) Pull out the filter mesh (Figure 1).

  3) After cleaning, insert the floating ball back into the groove, then put on the silicone cap and filter mesh tightly (Figure 2).

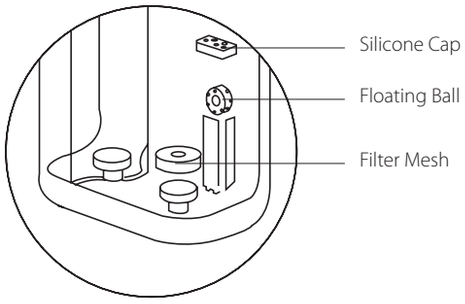


Figure 1

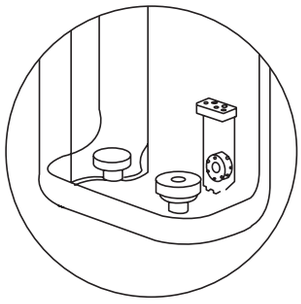


Figure 2

- Soak the water tank with a descaling agent (such as citric acid) for 30 minutes every month and then clean it. Do not use organic solvents such as alcohol to wipe it.
- It is recommended to clean the drip tray regularly to prevent bacteria buildup and residual water overflow.
- Do not immerse the system in water for cleaning.
- When cleaning the water tank, it is necessary to check the floating ball and the silicone cover are in place.

TROUBLESHOOTING

Error display

ISSUES	CAUSES	SOLUTIONS
L1 (non-faulty)	Water shortage	Take out the water tank, pour out all remaining water and refill it with tap water.
	Change water in the tank	
E04	Water pump overtime protection	Reconnect the power adapter and reset.
E05	Temperature sensor failure	Reconnect the power adapter and reset.
E08	Communication failure	Recommend contacting APEC Water for assistance.

Factory reset

- After the dispenser is powered on, immediately long press the water temperature customize key CUSTOMIZE , then short press the hot water key 203 °F , the warm water key 113 °F and the room temperature water key ROOM TEMP at the same time to recover factory settings.
- The screen will blink once when the factory reset is finished, and the dispenser will automatically enter into the flush mode.

Notes:

Please contact APEC customer service for support if the issue persists after following the solution steps. Do not disassemble and attempt to repair the dispenser by yourself to prevent further damage.

The following situations are normal

1. When dispensing hot water, there will be a slight sound indicating water is being produced and heated.
2. When producing pure water, the water pump will make a slight sound.
3. The output water flow rate will not be the same at different water temperatures.
4. When the water temperature is too low, the machine will take longer to produce pure water.

LIMITED PRODUCT WARRANTY

Scope

APEC takes pride in selling a superb line of products, including this countertop reverse osmosis system ("Product"). As such, APEC expressly warrants to the original purchaser that, for a period of one (1) year from the date of purchase, the Product will be reasonably free of defects in materials and workmanship. Within that one (1) year period from the original purchase, APEC will, at its option, repair or replace the Product without charge, or refund the cost of the Product, if the Product fails or does not perform as warranted solely due to a manufacturing defect within the warranty period, subject to the limitations and exclusions set forth in this Limited Product Warranty. This Limited Product Warranty only applies when the Product is used, stored, handled, fabricated and/or installed in the manner recommended by APEC in the Installation Instruction & Owner's Manual ("Manual").

Repair or Replacement

Repair or replacement during this one (1) year warranty shall include reasonable labor charges necessary to repair or replace the defective Product, but shall not include freight charges or any other local labor charges from third parties other than APEC, unless APEC expressly approves such charges in writing. During the entire one (1) year warranty, APEC's obligation to repair or replace shall further be limited to repair or replacement with the styles, models, products, colors, etc. of the Product that are available at the time of the repair or replacement, and shall be limited to the repair or replacement of only the specific Product that fails due to a manufacturing defect. Any repaired or replaced product shall also remain subject to the original one (1) year warranty from the date of the original purchase, and any repair or replacement shall not extend the original warranty period in any manner or start a new warranty period.

Conditions of Validity of this Limited Product Warranty

Even though the Product has extremely high endurance for operating conditions such as pH, maximum TDS, temperature, etc.

THIS LIMITED PRODUCT WARRANTY SHALL ONLY BE VALID IF:

1. The replaceable filters and membrane are changed and maintained on a regular basis as directed in the Manual. Moreover, depending on local water input water quality, regular maintenance may need to be increased.
2. The Product is operated within the confines of the following standard operating conditions:

	pH Range	Max. TDS	Water Temperature
Standard System	6.5-8.5	500 ppm	41°-100°F

Any information or suggestion by APEC with respect to the Product concerning applications, specifications or compliance with codes and standards is provided solely for your convenient reference and is made without any representation as to accuracy or suitability. You must verify and test the suitability of any information with respect to the Product for your specific application.

Non-Covered Defects

THIS LIMITED PRODUCT WARRANTY DOES NOT COVER DEFECTS CAUSED BY:

1. Improper storage, installation, maintenance, handling, use and/or alterations of the Product, including, but not limited to, non-compliance with the installation, maintenance and standard operation conditions stated in the Manual and this Limited Product Warranty.
2. Unreasonable use, unintended use, or misuse of the Product for something other than its intended purpose as a reverse osmosis system.
3. Use of replacement parts, filters, membranes or other accessories that are not sold or manufactured by APEC for use with this particular Product.

4. Damage not resulting from manufacturing defects that occur while the Product is in the original purchaser's possession.
5. Installation of the Product with known or visible manufacturing defects at the time of installation.
6. Damage caused by freezing, flood, fire or Act of God.

CONDITIONS THAT RENDER THIS LIMITED PRODUCT WARRANTY VOID

THIS LIMITED PRODUCT WARRANTY DOES NOT COVER DEFECTS CAUSED BY:

1. The Product is not operated in compliance with normal municipal water conditions for which the particular model of this Product is intended.
2. The person seeking to invoke the warranty is not the original purchaser. That is, this Limited Product Warranty only extends to original purchasers.
3. The product is purchased used. That is, this Limited Product Warranty only covers new products.
4. The Product is purchased from someone other than APEC or one of APEC's authorized dealers. This is because, unless the Product was sold by APEC or one of its authorized dealers, APEC cannot verify or guarantee the integrity or authenticity of the Product.

General Conditions

The warranties set forth herein are the only warranties made by APEC in connection with the product. APEC cannot and does not make any implied or express warranties with respect to the product, and disclaims all other warranties, including, but not limited to, any warranty of merchantability or fitness for a particular purpose. Products sold by APEC are sold only to the specifications specifically set forth by APEC in writing. Other than the limited product warranty set forth herein, APEC makes no other warranties, express or implied. APEC's sole obligation under this warranty shall be repair or replacement of a non-conforming product or parts of the product, or at the option of APEC, return of the product and a refund of the purchase price. Buyer assumes all risk whatsoever as to the result of the use of the product purchased, whether used singularly or in combination with any other products or substances.

No claim by the buyer/owner of any kind, including claims for indemnification, shall be greater in amount than the purchase price of the products in respect to which damages are claimed. In no event shall APEC be liable to buyer/owner in tort, contract or otherwise, for any special, indirect, incidental, consequential, reliance, statutory, special, punitive or exemplary damages, including, but not limited to, lost profits, loss of use, loss of time, inconvenience, damage to good will or reputation, or loss of data, even if advised of the possibility of such damages or such damages could have been reasonably foreseen, in connection with, arising out of, or as a result of, the sale, delivery, servicing, use or loss of use of the products sold hereunder, or for any liability of buyer to any third party with respect thereto.

Obtaining Warranty Coverage or General Inquiries

If coverage is available, you may obtain coverage under this Limited Product Warranty by providing APEC with proof of original purchase, and that you are the original purchaser. For service under this Limited Product Warranty, you must notify APEC by phone at 1-800-880-4808, by email at techsupport@freedrinkingwater.com, or in writing at 301 Brea Canyon Road, City of Industry, CA 91789. In making the claim, please provide your name, address, phone number, a description of the product involved, and an explanation of the defect.

California Proposition 65 Warning

WARNING:

This product contains chemicals known to the State of California to cause cancer or birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

APEC WATER

www.FreeDrinkingWater.com

California, USA

1-800-880-4808

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