



Instruction Manual

Terminal Pure Water Series
Model No EG-RO-600B

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1.PRECAUTION

1-1 Safety Issues

Please note the following brief icons and rules for safe use of this product



Troubleshooting

When the machine fails, please disconnect the water source immediately



Maintenance

Never remove the parts on the machine to avoid leakage or damage



Avoid contact with children

Never have the machine operated by a child



Temperature

Please use the product in a dry place with the water temperature of 4-38°C



Accessories and filters

To maintain the normal operation of the machine, be sure to use accessories and filters supplied by original company



Emergency call

For any help, please call the local sale service center.



Anti-freeze

Never store or expose the product duct in an environment less than 0°C



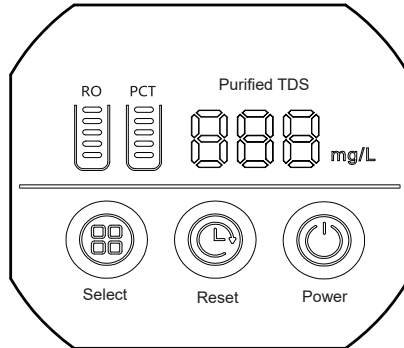
Avoid direct sunshine

Do not install the machine in a place exposed to direct sunshine

2. Function

- This machine is only suitable for household and similar occasions, using reverse osmosis membrane-based multi-stage filtration system, after installation, only need to turn on the power supply, you can turn on the faucet to make water automatically and turn off the faucet to stop water production automatically.

3. Instructions



Select key:

In the non-flushing state, press the selection key for 3 seconds and the machine begins to flush for 18 seconds (strong punch).

Reset key:

Press the reset button for 3 seconds to enter the filter element reset function, and after entering the reset function, press the selection key to cycle to select the filter element. After selection, the corresponding filter element indicator flashes, and the rest of the filter element indicator is always on. When you need to reset the filter element, press the reset button for 3 seconds within 10 seconds, that is, reset the filter element and exit the reset function, if you do not operate it within 10 seconds, exit the reset function.

Power key:

Touch the power key to turn on or off all the display interfaces, and the power lamp will always be on (note: the power button is only a bright screen function). Function description:

Flushing status:

Display screen (light belt): flushing state is flashing mode. Power on and flush automatically for 30 seconds. Press the selection key for 3 seconds and flush for 18 seconds. Accumulative water production > 30 minutes, no flushing in the middle, then after entering the full water standby state, automatic flushing for 18 seconds. Continuous standby time 6 hours, no flushing in the middle, then automatic flushing for 18 seconds.

Water production status:

Display screen (lamp belt): the water-making state is in racing lantern mode. When the hi h-voltage switch is closed it enters the water-makin state.

Full state:

Display screen (lamp belt): the water full state is always bright mode. If the high voltage switch is turned off, it will enter the state of full water.

Maintenance status:

If the continuous water production is not full for 60 minutes. the machine stops making water and enters the maintenance mode. The 8-character code shows 'E1" and beeps the alarm. There are 5 alarms every half an hour. You need to turn on the power again and exit the maintenance mode.

Pure water quality:

The TDS value of pure water is displayed in real time. It is updated every 10 seconds in the water-making state, and the TDS value is not updated in the full water state.

Filter element life:

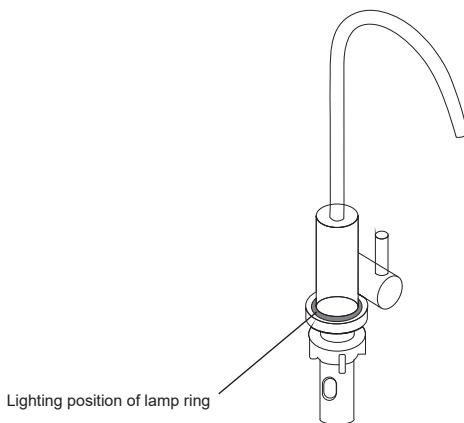
The filter lamp often lights when the replacement filter element is not displayed, and the default time is the cumulative time and natural time of the pump. When the cumulative use time of the filter element reaches the preset time of the system, the buzzer calls the alarm for 10 times, and at the same time, the word of the filter element and the outer frame of the life bar enter the flicker mode until it is reset and returned to normal display. The filter element life indicator has the function of power-off memory, and when it is in a flickering state it will remain in its original state if it is powered off and then powered on.

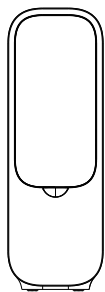
Warm Instructions:

When the machine stops making water. The interior of the membrane will be emptied and thoroughly washed.. Will discharge about 380ml of waste water.. In order to achieve the best filter element. The use of performance, this phenomenon is a normal phenomenon.

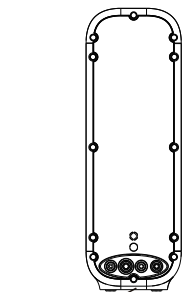
Smart light display faucet :

The whole machine is powered on, the leading light ring flashes three times, and the color of the lamp ring shows blue, orange and blue. During the life cycle of the filter element, turn on the faucet and the light ring of the faucet is always bright blue. When the filter element is used, there is only a total amount of time left. Life 10%. turn on the faucet, the faucet lamp ring flashes blue; when the filter element life reaches the set value, turn on the faucet, faucet lamp ring. The red color is always bright. (the light ring often goes out when the faucet is not in use)

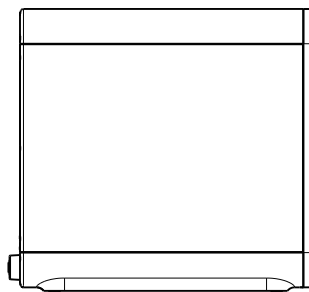




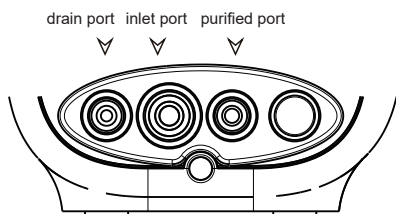
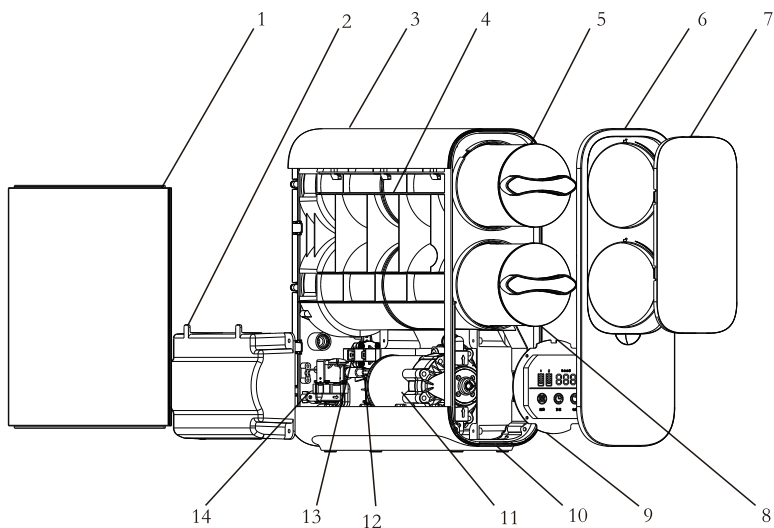
Front View



15
Back View



Side View



15 Pipe interface area

1. Side plate
2. Pump cover
3. Top cover
4. Framework
5. RO reverse osmosis membrane filter element
6. Front panel
7. Cover plate
(As shown in the diagram)
8. PCT front and rear composite filter element
9. Indicator board
10. Base
11. Booster pump
12. Flush solenoid valve
13. High voltage switch
14. inlet solenoid valve
15. Pipe interface area

4. Consider the life of the element and the purchase of the filter element

1 filter element replacement cycle (it is recommended that the filter element replacement cycle is as follows:)): After the filter element of the product is used for a period of time, various impurities will be accumulated in the filter element, which will affect the effluent speed. In order to maintain normal effluent, the filter element should be replaced regularly. If the average daily pure water consumption of municipal tap water is 10 litres on the premise that the raw water temperature, water pressure and water quality of municipal tap water are in accordance with this specification, the replacement cycle of each filter element is as follows:

Filter element type	PCT	RO
Replacement Frequency	8-12 months	12-24 months

Note: the water quality has a great influence on the life of the filter element, and the service life of the reverse osmosis membrane and other filter elements is affected by many factors. In the actual use process, due to the different water quality, its life may be lower than the above data, this data is only for reference. In general, if the following circumstances occur, you should consider replacing the filter element: When the quality of the effluent is poor and the taste decreases, The effluent flow is obviously reduced, check whether the filter element or membrane is blocked (it should be determined that it is not caused by the drop in water temperature). The filter element is seriously blocked, so that the water purifier can not make water or clean water can not flow out.

5. Core Changes Change Guide

Warm reminder: please cut off the water source and turn on the faucet to relieve pressure before changing the filter element. The whole machine runs for 3-5 minutes, and then the power is cut off. A small amount of residual water will flow out when the filter element is replaced. First, remove the old filter element. The first step: cut off the water and power according to the warm reminder. The second step: first remove the cover plate, select the filter element to be replaced and rotate the filter element counterclockwise by hand, and remove the filter element when the filter element is marked "☐" at "△" (as shown in figure 1). Step 3: remove the filter element and use a clean towel to clean the remaining water in the frame filter cartridge.

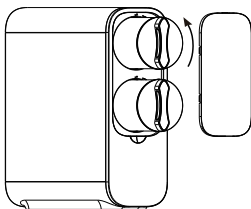


Figure 1

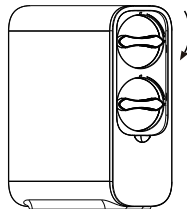


Figure 2

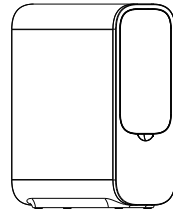


Figure 3

Second, exchange for new filter elements.

Step 1: align the new filter element logo "△" with "☰" and rotate the filter element clockwise when the filter element logo "△" is aligned with "☰" Indicates that it is installed (as shown in figure 2).

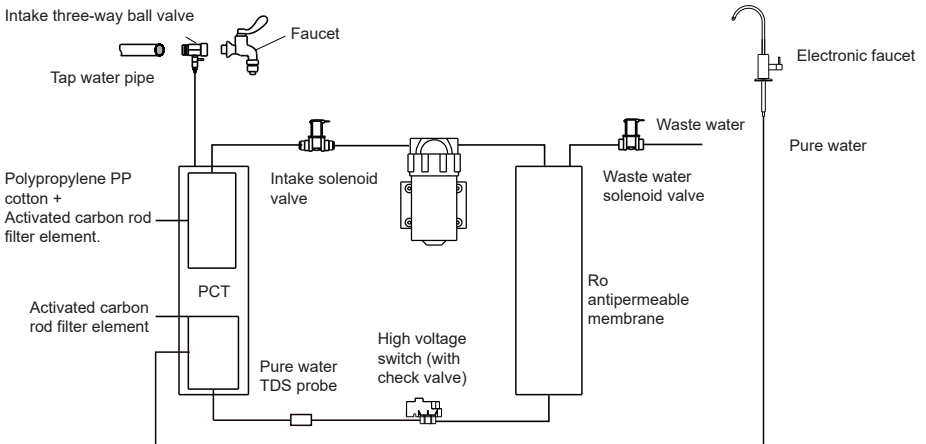
Step 2: finally cover the cover plate (as shown in figure 3).

Step 3: reconnect the power supply

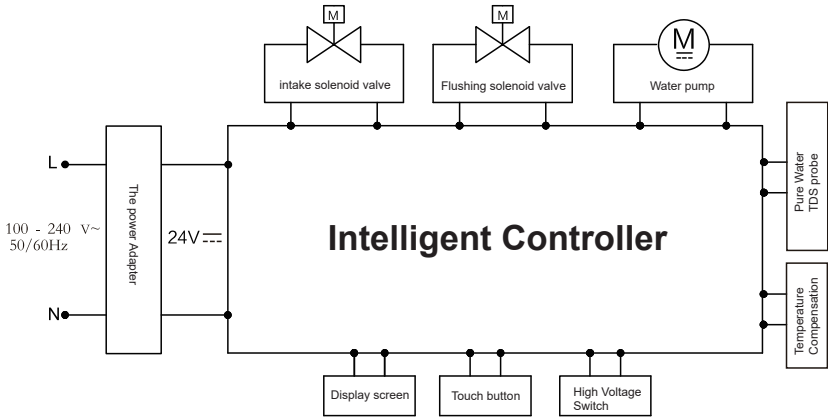
and water source, press the reset button for 3 seconds to enter the filter reset program, and then tap the selection key to select the desired man. For the replacement of the filter element, press the reset button for 3 seconds after selecting the filter element to complete the reset of the filter element (accompanied by a drop).

Step 4: press the "Select" button for 3 seconds, flush the machine, turn on the gooseneck faucet, rinse for 5-10 minutes, and turn off the faucet. At the same time, check the whole machine for leakage.

6. Process Flow Chart of Water Production

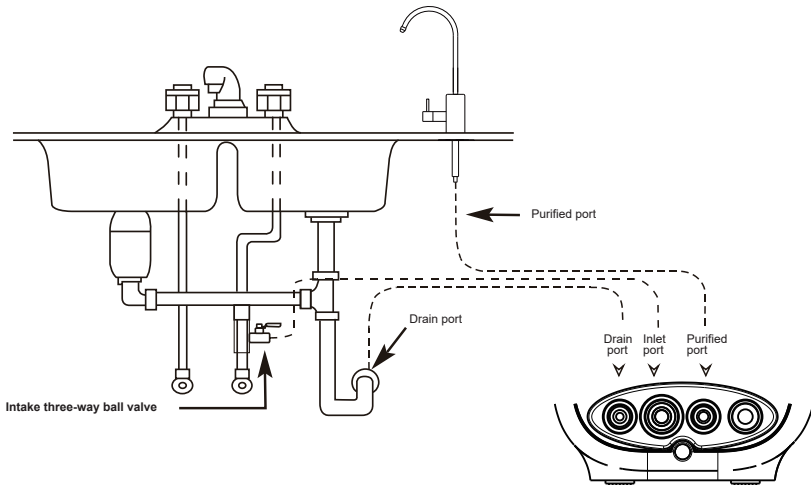


7. Electric Schematic Diagram



(This picture is for reference only, please refer to the kind of product)

8. Installation Hint



(This picture is for reference only, please refer to the kind of product)

Debugging method.

1. After the installation of the whole machine is completed, open the three-way ball valve, check that there is no water leakage between the whole machine and other joints, and turn on the power supply.
2. Turn on the faucet and wash the reverse osmosis membrane filter element; in order to make the reverse osmosis membrane filter element have the best purification effect, please.

Consumers follow these steps:

- 1) turn on the pure water faucet and make water normally for 1 hour;
- 2) turn off the tap and let the whole machine sit for 24 hours.
- 3) turn on the pure water faucet, and after 1 hour of normal water production, the produced water can be drunk directly.

9. TECHNICAL PARAMETERS

Product Name	Reverse Osmosis Water Purifier
Product Model	A8
Voltage/Frequency	220V / 50Hz
Rated Power	95W
Applicable Water Pressure	0.1MPa-0.4MPa
Clean water flow	95L/H
Rated Total Net Water	4000L
Anti- electric Shock Type	Class II
Applicable environment	Ambient temperature 5 °C-45 °C, relative humidity <=90%(indoor)
Applicable water temperature	5 °C-38 °C
Applicable water quality	Municipal Tap water
Product Size	433 ×137 ×405mm

- All the parameters related to the performance of this product are the best results under the standard test conditions, and will change with the different use conditions in the actual use process.

10. Matters Needing Attention

This product must use the new hose assembly that comes with it, and the old hose assembly cannot be reused. In view of the particularity of clean aquatic products, all the components that make up this product have a certain service life, in which the recommendations of key components are described in detail in this manual, "key components suggest replacement of periodic table". Please carry out replacement, daily inspection and maintenance in strict accordance with the requirements of this manual.

1. When the product breaks down, please cut off the water and power quickly, and call our national service hotline in time to get in touch with the official after-sales. The applicable voltage of the power adapter equipped with this product is 100V, 240V, 50x60Hz. In order to ensure the safety of the product, be sure to use the special power adapter of our company. If the power assembly is damaged, in order to avoid danger, the entire component must be replaced by professionals from the company's maintenance department or similar department.
2. The water source of this product is municipal white water, the range of water pressure is 0.1 MPA, the water temperature is 5 °C-38 °C, and the global temperature is 5 °C-45 °C. It is strictly forbidden to use beyond the range.
3. This product is only suitable for indoor installation, and there should be reliable ground gushing within 1.5 meters around the installation, so as to avoid the loss caused by water leakage caused by poor batch water.
4. When the product is not used or left unattended for more than 3 days, please cut off the power and water source to prevent the "water hammer" impact caused by unstable water pressure, causing damage or gushing of the product, and when you use it again, it is recommended that the direct drinking water produced in the first few minutes should be discharged, otherwise it will affect the taste.
5. Avoid installation in direct sunlight and outdoor places, sunlight exposure will accelerate the aging of the machine shell and affect the safety performance of the machine.
6. Do not install or expose the product to the environment below 0 °C. so as to avoid the rupture of the internal pipeline due to the expansion of water ice.
7. Paint should not store flammable, explosive or heat-prone articles near the machine to avoid danger. Please use the authentic filter elements and accessories provided by our company to ensure the normal use of the products, otherwise the company will not be responsible for the warranty. The company will not bear any responsibility for the consequences caused by failure to comply with the above precautions.

11. It Is Recommended To Replace The Periodic Table For Key Components

Serial Number	Component Category	Component Name	Recommended Replacement Cycle (month)
1	Pressure Container	Filter Element Filter Shell	36
2	Electronic Control Class	The Power Adapter	60
3		Intake Solenoid Valve	30
4		Flushing Solenoid Valve	48
5		High Voltage Switch	30
6		Booster Pump	60
7		Indicator Board	60
8	Other Accessories	PE Tube	30
9		Joint	36
10		Sealing Ring	36
11		Faucet	60



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