

RESIGLAS

600G (RO2)

800G (RO3)

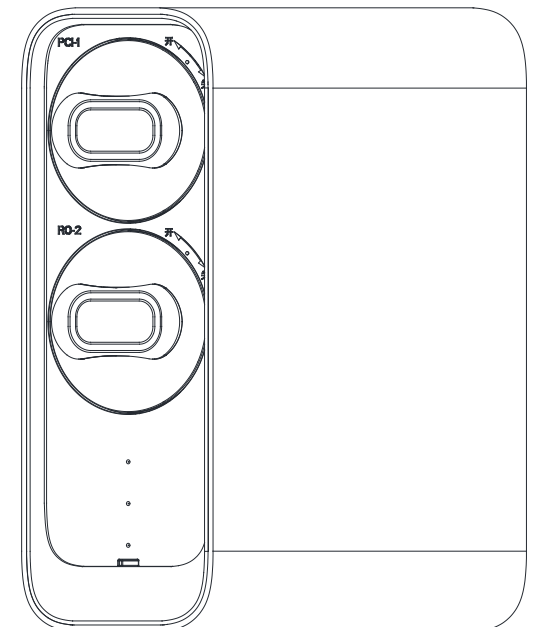
Product Manual

Reverse osmosis water purification 600G/800G

600G (RO2)
800G (RO3)

600G(YCZ-CT96-M003)		
NO	NAME	QTY
1	Water purifier unit	1
2	Gooseneck faucet	1
3	PE pipe(1/4"blue) 2M	1
4	PE pipe(1/4"blue) 2M	1
5	PE pipe(1/4"blue) 3M	1
6	C-type card (1/4")	10
7	C-type card (3/8")	4
8	Cable ties	5
9	Certificate of Qualification	1
10	In-line connector (E6)	1
11	Faucet bracket (E6)	1
12	L plug (1/4")	2
13	L plug (3/8")	1
14	Instruction manual	1
15	Install service settlement voucher	1
16	Barcode	3
17	Three-way ball valve	1
18	Raw tape	1
19	RO	1
20	PCI	1

800G(YCZ-CT120-M003)		
NO	NAME	QTY
1	Water purifier unit	1
2	Gooseneck faucet	1
3	PE pipe(1/4"blue) 2M	1
4	PE pipe(1/4"blue) 2M	1
5	PE pipe(1/4"blue) 3M	1
6	C-type card (1/4")	12
7	C-type card (3/8")	4
8	Cable ties	5
9	Certificate of Qualification	1
10	In-line connector (E6)	2
11	Faucet bracket (E6)	1
12	L plug (1/4")	3
13	L plug (3/8")	1
14	Instruction manual	1
15	Install service settlement voucher	1
16	Barcode	3
17	Three-way ball valve	1
18	Raw tape	1
19	RO	1
20	PCI	1



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Precautions

1. This product must be installed by professionals, and users should not disassemble it by themselves.
2. The specific replacement cycle depends on the difference in water quality and water consumption in different places.
3. When replacing the filter element, be sure to use the Micae special filter element.
4. When replacing the filter element, be sure to close the water inlet three-way ball valve to cut off the water source.











Special Attention

After the water is stopped or the tap water has not been used for a long time, when the water purifier is used again, please turn on the tap water first to drain the sewage in the pipe, so as to protect the filter element and prolong the service life.

1. Safety notice

1.1 Matters needing Attention

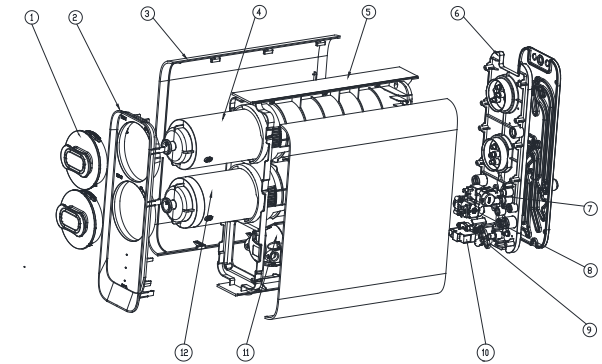
! In order to use this product more safely, please pay attention to the safety precautions

- | | |
|--|--|
|  Troubleshooting: When the machine breaks down, please cut off the power and water immediately. |  Accessories and filters: In order to keep the machine running normally, please be sure to use the accessories and filters provided by our company. |
|  Maintenance: Please do not remove the parts on the machine by yourself, in case of water leakage and damage. |  Emergency call: For help, please call your local sales service center. |
|  Keep away from children: Do not let children operate! |  Correct maintenance service: the company designated after professional training and certified personnel can repair this machine. |
|  Moist: If not used for a long time, please keep the filter element moist. |  Avoid direct sunlight: Avoid installation in direct sunlight. |
|  Ambient temperature: Use in a dry place between 4 °C and 40 °C. |  Antifreeze: Do not store or expose the product to the environment below 0 °C. |


- ① This water purifier is a supercharged type.
- ② Concentrated water is used for washing or discharge, and should not be consumed.
- ③ When using this water purifier for the first time, the conductivity test data may be slightly higher, which does not affect the use.
- ④ If the power supply is damaged, it must be repaired by professionals, and users are not allowed to replace it by themselves.
- ⑤ If the machine is not used for a long time, please cut off the power supply and close the integrated three-way ball valve.
- ⑥ Please remember to cut off the power before maintenance to avoid danger.
- ⑦ Do not dismantle the parts on the machine at will to prevent water leakage and damage the machine.
- ⑧ Handle with care when loading, unloading, transporting and installing.
- ⑨ When the machine is turned on, there may be a small amount of water inside the water purifier, which is a normal phenomenon.

2. Product introduction

2.1 Product parts and names



2.2. Product model and main parameters

Model	600G(RO2)	800G(RO2)
Water Pump	Booster Pump	
Rated Voltage	24V 	
Rated Power	96W	120W
Type of protection against	III	
Inlet Water Quality	City Water	
Inlet Pressure	0.10MPa-0.40MPa	
Work Pressure	0.40MPa-0.80MPa	
Applicable Water.	5°C~38°C	
Ambient Temp.	4°C~40°C (indoor)	
Environment Humidity	≤90%	
Net Water Flow	1.5L/min	2.0L/min
Rated Total Net Water	5000L	
Packing Size	472×347×510 (mm)	
Product Size	411×137×394 (mm)	
Gross Weight	12.6kg	
Net Weight	10.0kg	

2.3 Filter function

Filter	Function
PCI	Effectively filter sediment and large particles of impurities in the water, reduce the turbidity of the raw water; effectively absorb the residual chlorine and odor in the water, and improve the turbidity of the raw water.
RO	Effectively filter E. coli, reduce arsenic, chromium (hexavalent), cadmium, mercury, lead and other heavy metals.

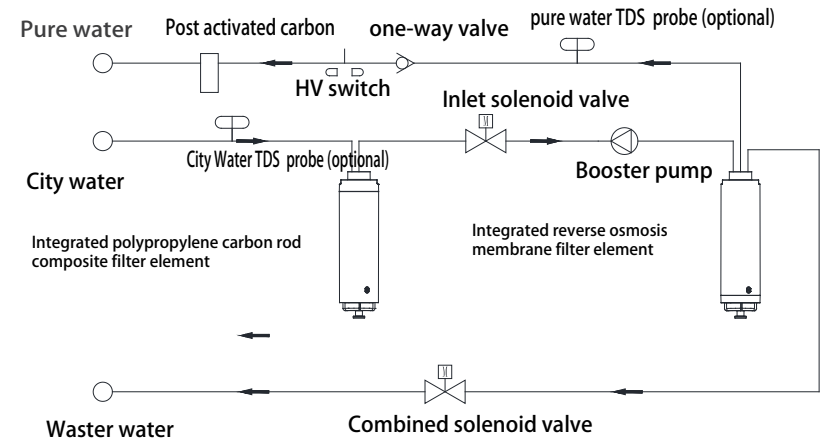
2.4 Filter replacement cycle

Regularly replace the filter element to keep the water quality pure: In order to ensure that each filter element can fully play its own role, and at the same time ensure that the water quality of the produced water reaches the standard, if the user can pay attention to the regular replacement of the filter element, he can ensure the enjoyment of pure water quality. The cycle of replacing the filter element varies according to the quality of the water source and the amount of impurities contained in it. When the purified water flow is significantly lower than the initial flow or the conductivity of pure water is significantly increased, it should be checked and confirmed whether the filter element should be replaced.

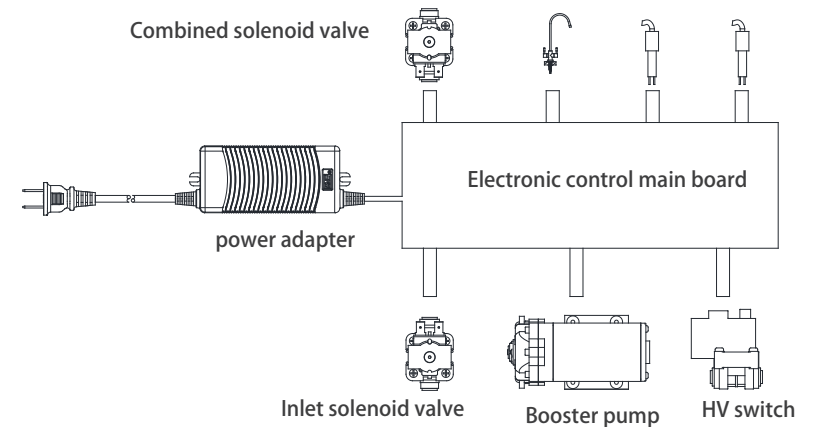
Filter	Replacement Cycle
PCI	4-6 months
	12-24 months

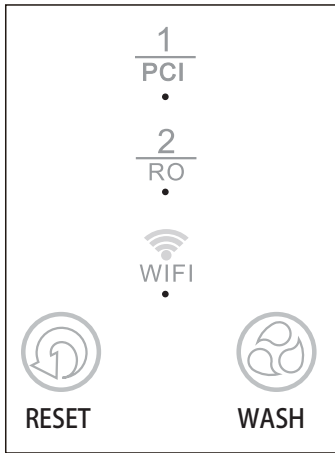
Note: The service time of filter element is for reference only, and the specific water consumption and local water quality shall prevail.

2.5 Process schematic diagram



2.6 Electrical schematic diagram and function introduction





Filter element life display
 1 corresponds to the life display of PCI filter element,
 2 corresponds to the life display of RO reverse osmosis membrane filter element. When the filter element is within its life cycle, the corresponding indicator light of the filter element is always blue; When the service life of the filter element expires, the corresponding indicator light of the filter element will flash and alarm.

Filter element reset function

- a. Press and hold the "Reset" button for 3 seconds to enter the filter element selection program;
- b. Briefly press the "Reset" button to select the filter element to be reset, and then press the "Reset" button for 3 seconds to reset the filter element.

Manual flushing function

Press the "WASH" button for a short time to flush the whole machine for 30s; If it is pressed briefly again, the flushing function will be turned off.

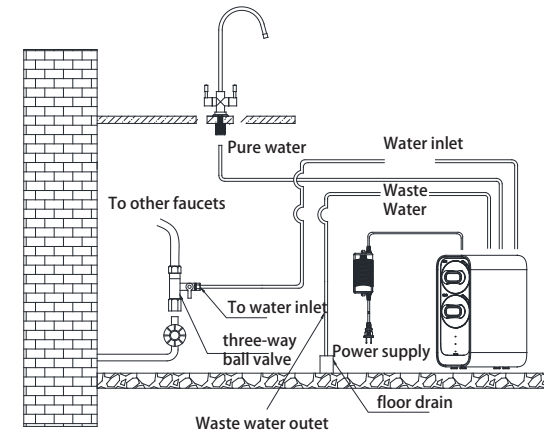
3. Installation and debugging

3.1 Precautions before installation

The installation method of this machine should be selected according to the actual situation in your kitchen. The main machine can be placed on the table or under the kitchen; there should be floor drains and sockets near the location where the machine is installed.

3.2 Installation

1. First, check the inlet water pressure. If the inlet water pressure is greater than 0.4MPa, a pressure reducing valve must be installed in the raw water pipeline.
2. Prepare the necessary installation tools and accessories, determine the installation location, and install the water inlet tee, gooseneck faucet and the main unit.
3. Install PE pipes in the following parts according to the process flow: (see picture)



Installation diagram of machine pipeline

4. Filter element installation

Step 1: Take out two filter cartridges from the accessories box and peel off the packaging plastic film.

Step 2: Install the one-piece polypropylene carbon rod composite filter element (PCI) at the position of the first-stage filter bottle, install the one-piece reverse osmosis membrane filter element (RO) at the position of the second-stage filter bottle, and then place the handle cover according to the panel direction, tighten the handle cover until a click is heard, and the filter element is installed in place.

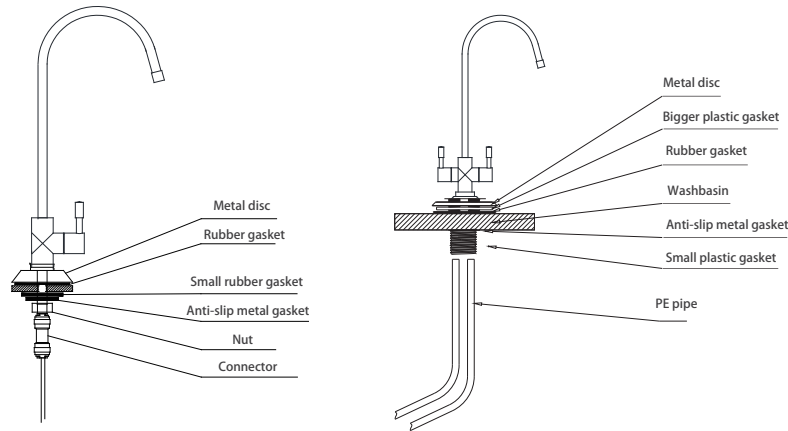
5. The connection method of plastic PE pipe and quick connector
 After measuring the desired length, cut the desired PE pipe with a pipe cutter. Take the blue safety card out of the connector, and remove the plug from the connector with the plug. Insert the PE pipe into the joint, making sure that it is in place. Then put the blue Type-C card back as it is.

6. Installation of the faucet

Step 1: Drill a hole on the conditioning table to facilitate the installation of the faucet; if the faucet is installed on the wall, the faucet hanging piece should be fixed on the wall (use 3 expansion screws to fasten it on the corresponding hole of the faucet hanging piece) for easy installation of the faucet.

Step 2: Select the installation position of the faucet, which is generally 1.5 cm away from the sink of the conditioning table, so that the faucet can be rotated left and right to take into account the inside and outside of the sink; before drilling, first determine whether the support column or support plate wall under the conditioning table will affect the installation of the faucet (such as if there is influence, please change the installation position). After drilling, please use sandpaper or file to trim the hole wall.

Step 3: Install the faucet on the table according to the figure below, and pay attention to estimate the length of the PE pipe required to connect the faucet and the water outlet of the machine..



3.3、 Machine Debugging

Water full stop detection:

Turn off the faucet in the state of water making, and the high pressure switch will be disconnected after about 3 seconds. At this time, the booster pump and the water inlet solenoid valve will stop working.

The machine stops making water; turn on the faucet again, and the water purifier makes water again.

Manual flush detection:

Short press the "flush" button, the whole machine enters the flushing state, and a large amount of concentrated water is discharged from the concentrated water pipeline; if it is pressed again, the whole

Machine stops rinsing".

Pipeline inspection:

After 30 minutes of normal water production, check the parts and pipelines for water leakage and seepage.

3.4 Common faults and troubleshooting

Fault	Reason	Solution
Unable to make water	The power supply is not connected properly	Turn on power supply
	No water supply or low water pressure	Turn on machine when there is water in the water source and the water pressure meets the requirements
	The inlet ball valve is not opened	Open the inlet ball valve
	Booster pump fault	Replace booster pump
Small water output	Plugged filter element	Replace or clean the relevant filter element
	The reverse osmosis filter element is blocked	Replace the reverse osmosis filter element
Continuous or abnormal noise	The booster pump is damaged	Replace booster pump
	There is gas in the pipeline	Turn the outlet end of the reverse osmosis filter element upward to discharge the gas in the pipeline
	Concentrated water solenoid valve whistles	Replace the concentrated water solenoid valve
Continuous low flow concentrated water discharge	The concentrated water solenoid valve is damaged	Replace the concentrated water solenoid valve
	Water inlet solenoid valve is damaged	Replace the water inlet solenoid valve
The connector leakage	Damaged sealing ring	Replace sealing ring
	The connector is not tightened	Tighten the connector

4. Declaration of Toxic and Hazardous Substances in Electronic Information Products

Name	Hazardous Substance or Element					
	Pb	Hg	Cd	Cr ⁺	PBB	PBDE
Metal Shell	○	○	○	○	/	/
Plastic Shell	○	○	○	○	○	○
Electronic Component	×	○	○	×	×	×
Filter Element	○	○	○	○	○	○
Wading Parts	○	○	○	○	○	○
Faucet	×	○	×	×	○	○
Appendix	○	○	○	○	○	○
Sensor	×	○	○	○	○	○

○: means that the content of toxic and hazardous substances in all homogeneous materials of this part is below the limit requirement specified in SJ/T11363-2006;

×: means that the content of the toxic and hazardous substances in at least one homogeneous material of the part exceeds the limit requirement specified in SJ/T11363-2006;

/: means that the hazardous substance is not contained in the part;

(This product complies with RoHs environmental protection requirements: there is currently no mature technology in the world that can replace or reduce the lead content in electronic ceramics, optical glass, steel and copper alloys).