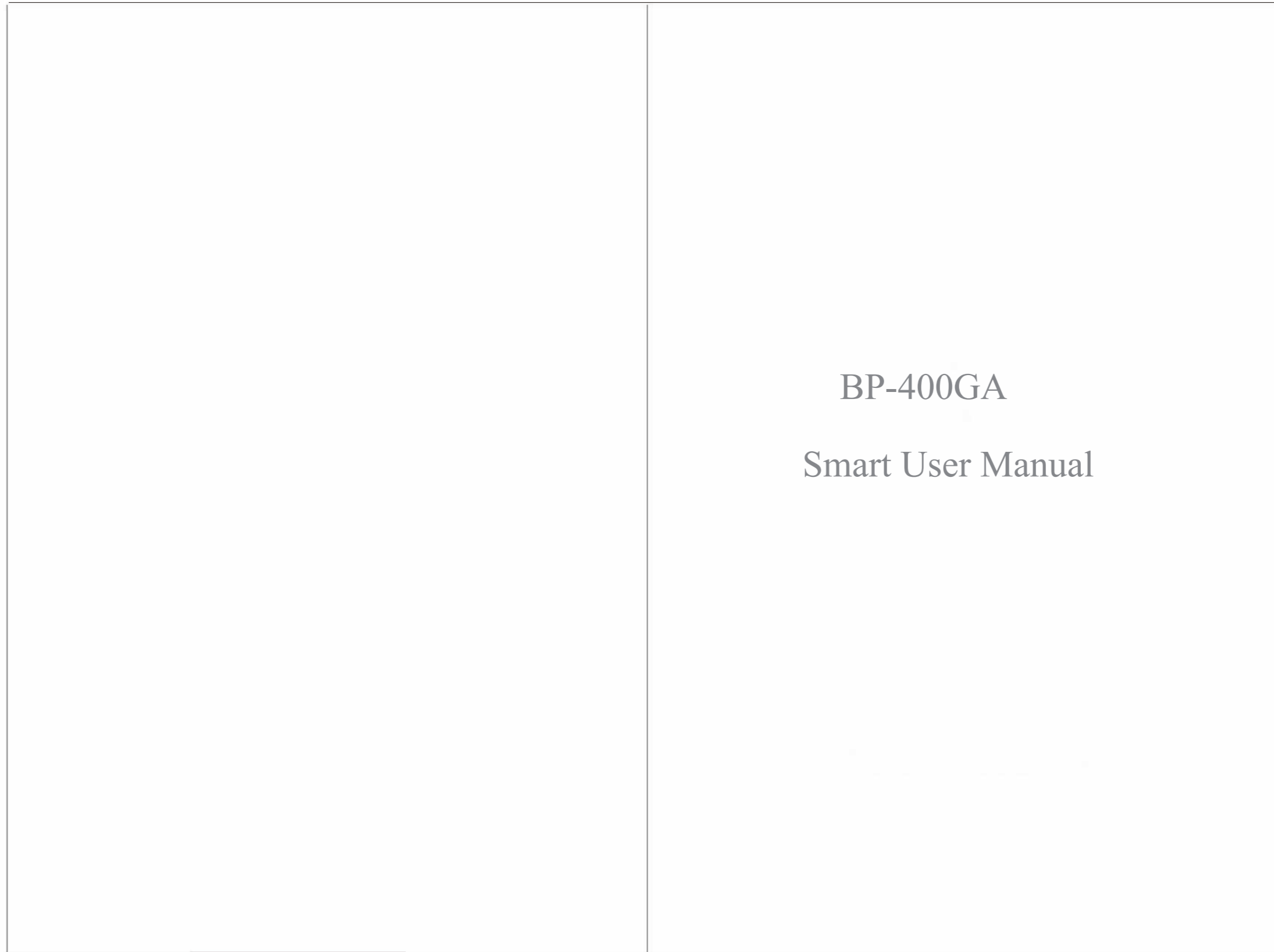


红框处此次更改，红框不作印刷



Note: Print colors



PANTONE Cool Gray 8C

PANTONE Cool Gray 11C

PANTONE Cool Gray 5C

Dear users:

Thank you for choosing us.

we promise:

This product is a well-designed, high-quality water purification product. For your convenience, please read the instructions carefully and follow the instructions in this instruction manual. From beginning to end, our company will provide you with the best service. Due to the continuous modification of this product, the products you receive may not be exactly the same as the icons in the manual.

■ Standard
GB4706.1-2005
QB/T4144-2010

Catalog

Operation Instructions

1-2

Notice	1
Packing list	2

Products Introduction

3-5

Product Model& Specification	3
Product Spare Parts	3
Technical Principle”	4
Electric Principle Diagram.....	4
Product Characteristics.....	5
Product Functions.....	5

Installation & Maintenance

6-12

Installation.....	6
Maintenance.....	10
Common Malfunction.....	12

Warranty certificate

13

User notice.....	13
Warranty Instructions.....	13

Name and content of harmful substances in the product

14

Read this manual carefully before use.

Please save this manual for your use.

Product appearance, color or surface defects are
subject to the actual product

Our production is constantly renewed and subject to
change without notice




Operation Instructions

Notice

Attention: Following content are all about the safety, please obey it strictly.

The precautions in this project are only for the correct use of this product. The Notice explain the extent of danger, danger, and possible accidents.

1. Do not use other accessories which are not permitted by manufacturer to avoid any damage of machine.
2. Please check the machine and the accessories completed before installation.
- 3 Only under guardian supervision, children can use the product .
4. If malfunctions appears, please cut off the power, close the inlet water valve immediately, do not keep the machine in working mode.
5. This machine should be repaired in authorized service centre ,it will easily cause problems when repaired in other places .
6. The water capacity through RO membrane will be affected by water quality ,pressure and temperature. If water quality cannot meet normal standard, low water pressure or when temperature below 25°C, the flow rated will be slower than regular.

 PROHIBITED	Any content with this mark is an act that must be prohibited. Otherwise, it may cause damage to the product or endanger the safety of the user.
 WARNING	Any content with this mark must be operated in strict accordance with the requirements, otherwise it may cause damage to the product or endanger the safety of the user.
 ATTENTION	Any content with this mark is the part that the user must pay attention to, otherwise the product may be damaged or cause other damage due to improper operation.

 **PROHIBITED**



Avoid exposed in the sun or outside




Do not put in a frozen conditions




Do not put flammable and explosive materials aside

Operation Instructions


 **WARNING**




When the machine occurs fault, cut off the water source and power supply



Avoid children to operate



Call service centre for help


 **ATTENTION**




Do not disassemble the machine without guidance of professional personnel to avoid machine leakage or damage .




Please use the machine at environmental temperature 4-40 °C



Please cut off the water source and electricity supply if not using for over 24 hours



Only use the accessories and cartridges from the original manufacturer to make sure the machine work stably.



Only professional personnel can repair and maintain the machine.

Packing List

Water Purifier	1 pc	1/4" PE Pipe	4m
User Manual	1pc	3/8" PE Pipe	2m
Inlet Water T valve	1set	Faucet	1 set
Tape	1 Roll	Adaptor	1pc
Pipe Pulling Tool	1pc	1/4" blue clip	10pcs
1/4" Quick connecting	2pc	3/8" blue clip	4pcs
1/4" O Ring	3pc	3/8" Plastic fitting	3pcs
3/8" O Ring	2pc	PPC multi filter	1pc
1/4" Plastic fitting	2pc	RO membrane	1pc
Operational Guidelines	1 copy	Turntable Joint	2pcs

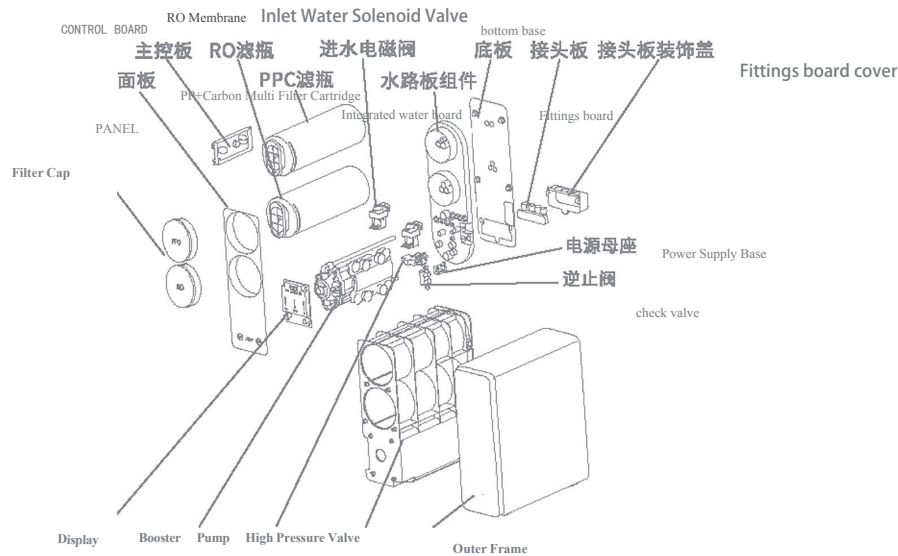
~~Type O Ring~~

Products Introduction

Product Model& Specification

Product	Reverse Osmosis Water Purifier
Item Number	BP-400GA
Rated Voltage/Frequency	220V~/50Hz or 110V/60Hz
Rated Power	65W
Water Pressure	0.1-0.4MPa
Purified water rate	1.5L/min 1
Drinking water rate	1.3L/min
Rated capacity of drinking water	2000L
Rated capacity of purified water	2000L
Applicable environment	Temperature 4-40°C, ambient humidity below 90%
Water Source	Municipal Water
Product Size	415*135*375(mm)

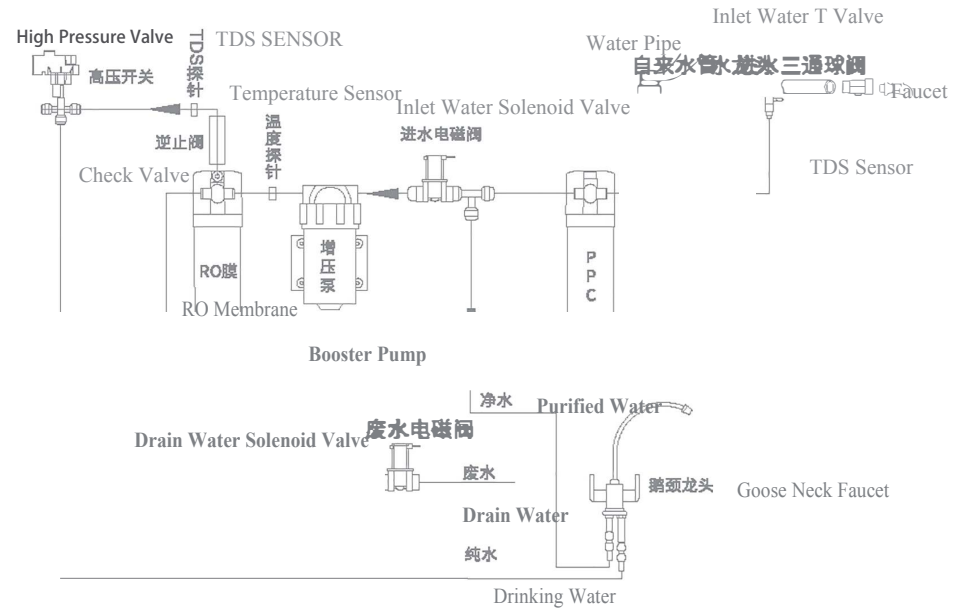
Product Spare Parts



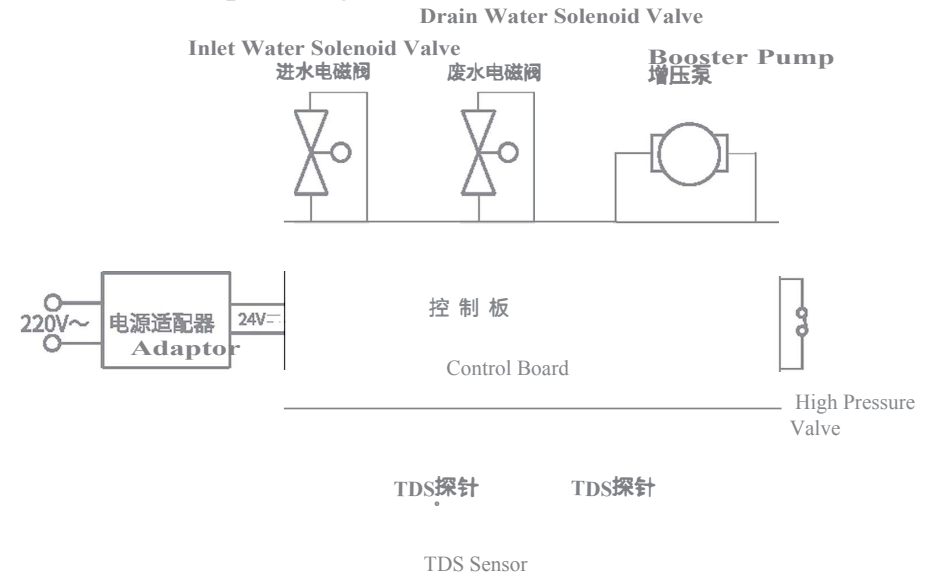
3 Frame Body

Products Introduction

Technical Principle



Electric Principle Diagram



Product Introduction

Product Characteristics

- 1) With slim and unique design, save more kitchen space
- 2) Wading components all use food grade material to guarantee the safety
- 3) Drinking water can be directly for drinking and cooking
- 4) Provide moisturizer, steam iron with clean water to avoid producing scales.
- 5) Can perfectly connect with POU water dispenser to make up a hot&cold drinking water system

Product Function

Stage 1 PP+Carbon Filter: Removes dirt, corrosion, sediment, red worms, sand and other physical particles. To protect the RO membrane.

Stage 2 RO Membrane: Reverse Osmosis Membrane with the filtration precision 0.0001 μ m removes bacterial, virus, antibiotics and other harmful substances, heavy metal and pesticide residues from water.

Installation & Maintenance

Installation

Product installation and commissioning:

This machine should be installed by the professional personnel. Please check the accessories in the package completed before installation.

1、Requirements of Installation Conditions

1.1 The machine is adopted with pressure boost design and can be installed on the pipeline of municipal water.

1.2 Please use the right adaptor for voltage 220V or 110V

1.3 Make sure the installation place is clean, not directly under the sun, no flammable or explosive materials, no electrical equipment, not in humid place. Attention: Please pay attention to the safety when drilling and make sure there is no hidden water pipe, electric wire and gas tube.

2、Installation of Electrical

2.1 Installation must be by professional personnel

2.2 Required tools and materials: test pencil, electric wire, insulating tape line, socket etc.

2.3 Turn off the power supply switch and carefully refit according to the user's requirements.

The operation shall be standardized according to the operating rules of the electrical installation

2.4 Check circuit and clean after installation

3、Installation of Quick Connector

Quick connector ports are adopted on the inlet and outlet of the machine. Quick connector is a port which could connect quickly and firmly without any tools. Firstly, pull out the Ω type clip on the port, push the movable plastic ring to the port, make it attaching to the port to move the plastic plunge or PE pipe. Insert the PE pipe to the end of the port, then pull slightly to make a gap between the movable plastic ring and the port. Finally insert the Ω type clip in the gap. When taking the PE pipe from quick connector, first pull out the Ω type clip, push the movable plastic ring to the port to make it attaching the the port, then could pull out the PE pipe.

4. Divide and Connection of PE pipe and quick connector

Connection: Take down Ω type clip, cut the PE pipe to a smooth end face and insert into the quick connector, then pull slightly to check PE pipe has been in the o ring seal of quick connector, finally insert the clip.

Installation & Maintenance

1. Blue Ω type clip Take down Ω type clip--Insert the PE pipe into the bottom--Pull it softly to make a gap--Put the clip into the gap-



Divide: Take down Ω type clip, make the plastic ring attaching to the port, pull out the PE pipe.



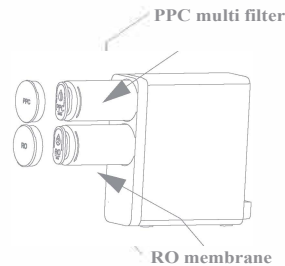
Installed connector-Take off Ω type clip - Make the plastic ring attaching to the port-Press the plastic ring meanwhile pull out the PE pipe

4. Cartridges Installation

4.1 Take out the cartridges from carton, remove the outer plastic packing

4.2 Put the cartridge into the hole of machine, spin clockwise to connect with waterway board.

4.3 Install the cartridge into the machine according to the picture.



5. Placement installation

Set the machine inside the cupboard and make sure the machine is placed stably

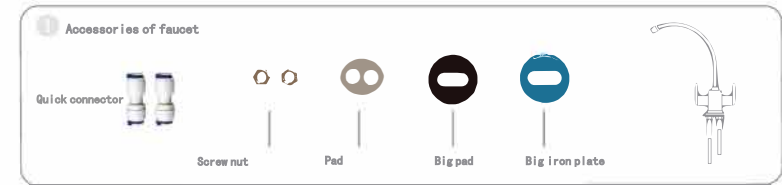
6. Installation of Waterway

6.1 Installation inlet water T valve: Clean the installation area, close the inlet water valve, take apart the faucet or angle valve, then connect the inlet water T valve, finally connect to the original faucet or angle valve. (Attention: Connection of screw thread should be sealed with tape or O ring to avoid leakage)

6.2 Connection of inlet water port : connect one side of PE pipe to the inlet water valve, and another side to the inlet water port on the machine.

6.3 Installation of faucet: According to the required place of faucet, drill a φ29 hole on the stainless steel sink, then fix the faucet.

Installation & Maintenance



6.4 Connection of purified water port: Connect the 1/4" fitting to the longer side of faucet, cut the 1/4" PE pipe to a suitable length, one side insert to the quick connector and the other side connect to the port of purified water on the machine.

6.5 Connection of drinking water port: Connect directly with the connecting rod of faucet, cut the 1/4" PE pipe to a suitable length, one side insert to the quick connector and the other side connect to the port of drinking water on the machine.

6.6 Connection of drain water port: Take a suitable length of 3/8" PE pipe to connect with the port of drain water on the machine. And connect another side to the drain line and fix the PE pipe to avoid abscission.

6.7 Flush the cartridge: Install all the filters before flushing.

Flushing of PPC multi filter cartridge: After all the installation, turn on the purified water tap to flush about 30 minutes until the water is clean, then turn off the purified water tap.

Installation & Maintenance

Attention:

- ① If there is no water from faucet, please check whether have connected the power.
- ② Drinking water from the machine can drink directly, Purified water is for usage only.
- ③ The filter cartridges should be flushed according to instruction No 6.7 before using.

Usage Direction:

- ① When using for the first time, please open the faucet and the inlet water valve. When water is running from tap, close the tap for 30 minutes and check for leakages. If there are no leaks, you can use the machine normally.
- ② Please open the faucet in normal use
- ③ Please open the faucet and run water for a period of time before usage after idling for a long time.

Operation:

After connecting the power, buzzing once then into Rinse mode. Every effective operation will react with one buzzing.

1. Rinse

- 1) Automatically flush for 30 seconds each time the power is turned on.
- 2) Short press Rinse button, the machine will rinse 30 seconds. Short press the button while rinsing, rinsing will be stopped

2 Purify

When the high pressure valve is connected, the machine start purifying, meanwhile inlet water solenoid valve and booster pump start working.

3. Reset the filter cartridges

Extended press Reset button for 3 seconds into filter cartridge reset mode and the indicator lights of filter cartridges flash. Then short press Reset button choose the filter, after extended press for 3 seconds, the filter cartridge finish the reset. When no action for 10 seconds, it will quit reset operation.

4. Continually purifying protection

When continually purifying over 30 minutes, machine will stop working. And Inlet solenoid valve, drain solenoid valve and booster pump all stop working, meanwhile the cartridges light and power light all flash. After clearing the trouble, cut off the power then turn on the power to restart.

5. WIFI

Connect the flush button for 3 seconds, inject the WIFI configuration mode, the WIFI indicator flashes, and the light is brightest after the network is successfully returned.

Installation & Maintenance

6. Display



Maintenance

(1) Cartridge replacement time:

Filter Replacement	PPC Multi Filter	RO Membrane
Time	12 months	24 months

(2) Filter cartridge life span

When the life span of filter cartridges is in normal condition, the **indicator lights remain blue**.

When the life span is about to expire, the indicator lights turn yellow.

When the life span expires, the indicator lights turn red.

When the life span of filter cartridge expires, machine will alarm for 10 times at first time, every second once. Every time starting purifying will alarm 10 times, every second once. The cartridge replacement time is according to the local water quality and usage. Above replacement time is only for reference.

Attention:

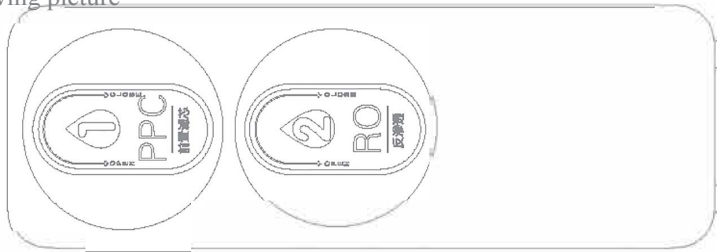
- As some area the inlet water quality is not quite good, please pay attention to the 1st stage cartridge and replace in time.
- When TDS value of drinking water increased rapidly means the drinking water quality is not good, please check if needs to change the RO membrane.

Installation & Maintenance

(3).Replacing the cartridges

Filter cartridges should be replaced regularly based on advised replacement time or display alarm. When replacing the cartridge,please ask professional personnel for help.

- 1.Close the inlet water T valve,turn off the power supply and open the faucet until the water inside running out.
- 2.Remove the filter cartridge cover and put aside, when disassembling,remove the cartridge anticlockwise.Then install the new cartridge in clockwise direction as following picture



Remove cartridges counterclockwise, otherwise install

3.After installing the filter cartridges,turn on the inlet T valve and the power,then reset the filter cartridge.(Refer to the details on Page 9 Operation No.3) Attention:

- Please replace the cartridge in turn and make sure in right position.
- The cartridge life will be different according to the area,water quality,season and working time.Please change them in time as actual requests.

· Maintain the machine

.When cleaning the machine,do not use soap,detergent and strong volatile solvent like thinner,gasoline and alcohol,it will cause the cracks and color change.

.Do not wash the machine directly in water.

.As some area the inlet water quality is not quite good,please pay attention to the 1 st stage cartridge and replace in time.

Installation & Maintenance

Common Malfunction

Common Malfunction	Possible reasons	Solutions
No water or water flow rate goes small	PE pipe is bend	Make PE pipe smooth
	inlet water-T valve closed	Open the inlet water T valve
	Source water is shut down	Waiting for the water source supply
	PPC filter is blocked	Replace the cartridge
	Water pressure is low	Add pressure boost treatment
Machine not work	Electricity fault	Check whether have power supply
	Adaptor lose efficacy	Replace the adaptor
	Machine short of water	Check the water source,if have the water then turn off electricity and start again
Water Taste is abnormal	Not using for long time	Flush the cartridge (except Membrane)for5 minutes,if change,please replace filters
	Poor water quality of water source	Make sure of water source quality
	Not replace the cartridge for long time	Replace the cartridge
Noises during machine operation	power and voltage not match	Call professional personnel to check and repair
	Water source not have enough water	Increase the capacity of water
	Adapter is permeable by water source	call professional personnel to check
	Failure caused on booster pump	Call professional personnel to check

