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Precautions for use

safety instructions

Please read this manual carefully before using the product and keep it properly.

- Please be sure to use the original filter cartridge.
- This product is suitable for home water use. If used for commercial purposes, the service life of the product will be greatly shortened.
- Be sure to disconnect the power supply before performing any maintenance on the product.
- If the product is soaked in water, it should be inspected and repaired by professional service personnel before continued use.
- The product is strictly prohibited to be installed outdoors.
- Do not place objects on the product.
- It is prohibited to replace the filter element while the product is working.
- Please use the new pipe that comes with the water purifier.

packing list

Water purifier	x1	1/4 PE pipe	x1
T type ball valve	x1	3/8 PE pipe	x1
faucet	x1	Accessory bag	x1
manual	x1	adapter	x1
RO filter cartridge	x1	PCT filter cartridge	x1
wrench	x1		

Precautions for use

WARNING (If ignored, it may cause permanent damage to the product or result in serious financial losses.)



Please do not disassemble or modify this machine without authorization.



Please handle it with care to prevent the product from falling and causing injuries.



Do not use it below 4°C.



Do not cover the product or place heavy objects on it.



Do not contact with corrosive substances.



When the product malfunctions or becomes abnormal, you must stop using it immediately, unplug the power plug, and close the water inlet valve.



Do not use unknown water sources. The inlet water quality is municipal tap water.



Please disconnect the power supply during installation and debugging, and do not touch the power plug with wet hands.



Must be connected to a socket with reliable ground wire.



Keep away from fire sources.



Do not allow young children to operate, touch, approach or climb the product.



Must be installed where the water pressure is lower than 0.4MPa. The pressure reducing valve must be installed if the inlet water pressure exceeds 0.4MPa (which needs to be purchased separately).

ATTENTIONS (If ignored, it may cause minor injury or property damage.)



Do not place it outdoors or in direct sunlight.



Do not place it in high temperature and high humidity area.



The inlet water temperature shall not be higher than 38°C



Do not use this product when the sewer is clogged.



Do not use steel wool, detergent or corrosive liquids to clean the product.



Do not pour unknown liquid into the water inlet of the filter cartridge to avoid damaging the filter filtration system.

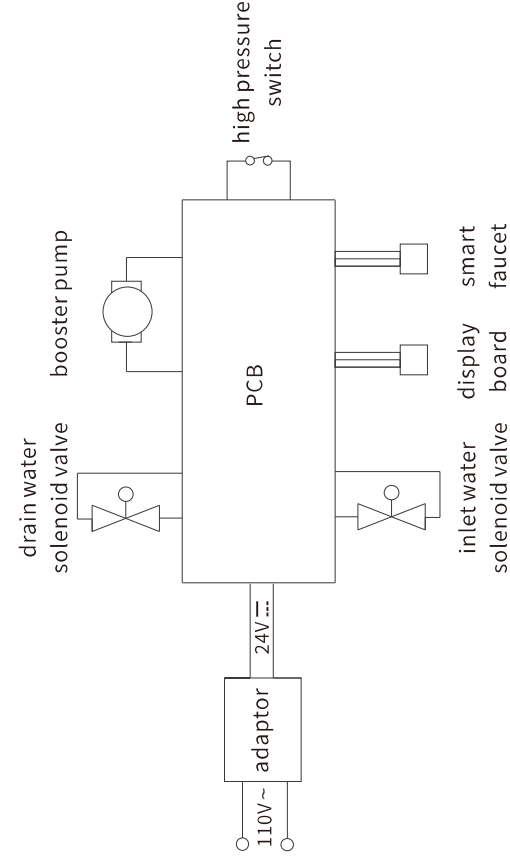
Product introduction

Product introduction

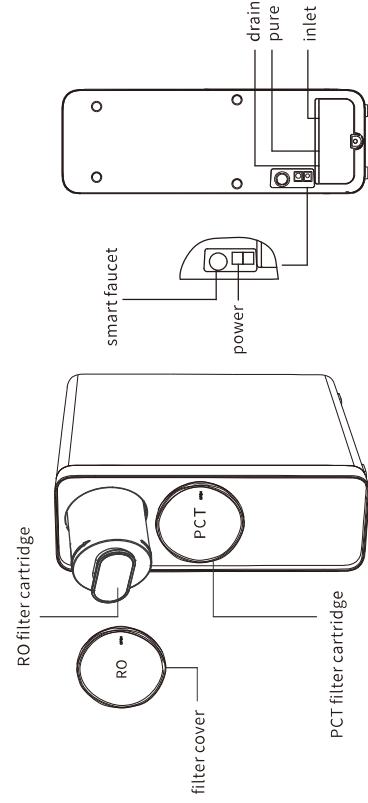
specification

Product	OZMMO SMART RO Water Purifier	
model	AW-RB07-B	AW-RB07-W
Rated Voltage	24V ---	
Rated Power	80W	
Pure Water flow Rate	1.56L/min	
Rated total purified water volume	4000L	
Product Size	380mm × 135mm × 393mm	
Inlet water Pressure	0.1MPa-0.4MPa	
Applicable conditions	Ambient Temperature 4-40°C,relative humidity below 90%(indoor)	
Water Source	Municipal Water	
Applicable water temperature	5°C-38°C	

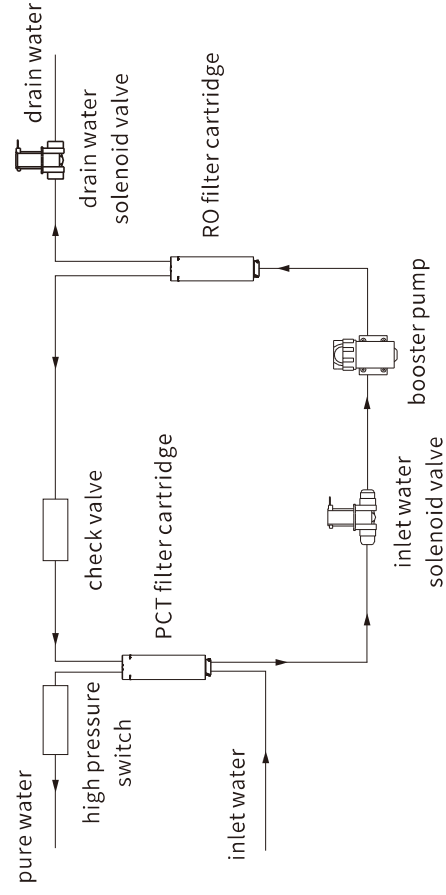
Electrical schematic diagram



product parts



Working schematic diagram



Product introduction

Product features

- 1,Pure water is purified by RO filter cartridge for drinking daily.
- Smart monitoring of drinking water quality to ensure filtration performance.
- 2,Smart faucet displays filter cartridge life .
- 3,Turn on the replacement function: timely replacement and reject stale water.

Product function

Layer 1:PCT filter cartridge: effectively filters and adsorbs suspended solids,sediment,rust,red worms,colloids and other substances.

Layer 2:RO filter cartridge: with filtration accuracy of 0.0001 microns, the RO filter cartridge can filter bacteria,heavy metals,scale and other substance.

Installation and maintenance

Installation

The product shall be installed by authorized and skilled personnel only. Please check all accessories before installation.

1. Requirements of installation
 - 1.1 the product is equipped with a booster pump and shall be stalled with municipal water .
 - 1.2 Make sure the installation place is clean and not in the proximity of direct sunlight, high humidity, flammables,explosives or unsafe electrical equipment. Attention:Please pay attention to the safety when drilling and make sure there is no hidden water pipe,electric wire and gas pipe.
2. Installation of electric circuits
 - 2.1 the product must be installed by the professional personnel with the license.
 - 2.2 Tools and materials required for installation:multimeter , electric pens, wires, insulated tape,socket etc.
 - 2.3 Turn off the main power gate and follow the users' requirements and the electric installation operation procedures.
 - 2.4 check the circuit and clean up the sites after installation.

3. Installation of Quick Connector

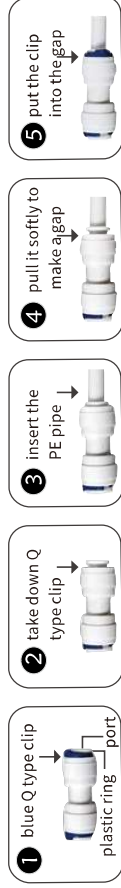
- 3.1 The quick connector ports are installed on the water inlet and outlet of the machine.

Quick connector can be connected quickly and firmly without any tools.Firstly,pull out the Q 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 into the port,then pull slightly to make a gap between the movable plastic ring and the port.Finally insert the Q type clip in the gap. When taking the PE pipe from quick connector,first pull out the Q type clip, push the movable plastic ring to the port to make it attaching the port,then pull out the PE pipe.

3.2 Disconnect and Connect of PE pipe and quick connector

When connecting, remove the Q-type clip, cut the PE pipe flat, insert it into the bottom of the port and pull it out slightly to ensure that the PE pipe is inserted into the connector sealing ring, and then install the Q-type clip.

Installation and maintenance



When disassembling, remove the Q-type clip, push the protruding part against the connector, press the protruding part and pull out the PE pipe. Be careful not to pull out the PE pipe hard.



4,cartridge installation

4.1 take out the cartridge from the carton and remove the outer plastic packing.

4.2put the cartridge into the hole of the product,spin clockwise to connect with the water board.

4.3install the cartridge into the product according to the picture.

5,cabinet installation

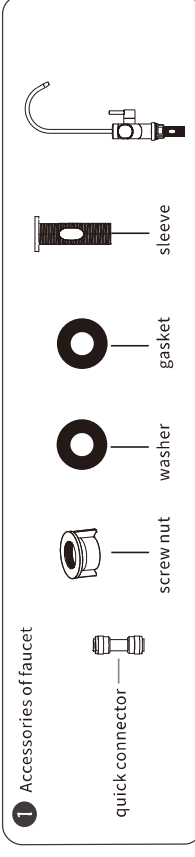
Place the product on a flat and stable surface in the cabinet.

6,installation of water inlet and outlet

6.1,installation of inlet water T type ball valve:clean the installation area, close the inlet water valve,then connect the inlet water T type ball valve.

6.2 connection of inlet water port:connect one side of PE pipe to the inlet water T type ball valve,and another side to the inlet water port on the product.

6.3 installation of faucet:according to the required place of faucet,drill a Ø29mm hole on the stainless steel sink ,then fix the faucet.



Installation and maintenance

6.4 Connect the pure water port: Connect the quick connector to the water inlet port of the faucet, cut a 1/4 PE pipe of appropriate length, insert one end to the quick connector , and other end to the pure water port of the machine.

6.5 Connect the drain water port: Take a 1/4 PE pipe of appropriate length and connect it to the drain water port of the machine, and connect the other end to the drain, and fix the PE pipe to prevent it from falling out (note: the drain water pipe cannot be placed in a container without full water protection to prevent the floor from being soaked).

6.6 Flush the filter cartridge:

each filter cartridge needs to be installed on the machine before flushing.

Open the faucet, plug in the power, and after the machine running for 10

minutes, close the faucet for 2 minutes to check whether the machine is

leaking. If there is no problem, open the faucet and repeat the above action

3 times to rinse the moisturizing fluid on the reverse osmosis membrane.

Note: Since the reverse osmosis membrane contains moisturizing fluid

(mainly food-grade glycerin), in order to ensure the hygiene and safety of

the effluent water quality, use the machine as much as possible on the first

day after installing or replacing the filter cartridge. The produced water is not

recommended for drinking and can be used for kitchen cleaning. . If you cannot

follow the above operation, it is recommended to make water for 20 minutes

first, stop the machine for 3 hours, make water for 20 minutes as one cycle,

and repeat the above cycle 7 times.

Notice:

① If you disconnect the power supply after water production is completed, the machine will stop producing water. If the water purifier faucet does not produce water, please check whether the machine is connected to the power supply.

② The pure water of the water purifier can be used directly for raw drinking.

③ Before using the product, the filter cartridge must be flushed in accordance with Article 6.6 above.

Installation and maintenance

Instructions for use:

- 1,for the first time, turn on the faucet and water inlet ball valve.after water flowing from the faucet, turn off the faucet for 30 minutes to check water leakage. If there is no water leakage, turn on the faucet again and run the product for 30 minutes until the water is clear and odorless.
- 2,when using normally,just turn on the faucet to get water.
- 3,if you haven't use the product for a long time, you should turn on the faucet for a certain period before drinking.

Operation mode:

each time power on, all the indicator will be on for 3 seconds and the buzzer beep once into the flush state. The buzzer will beep once for each effective push button operation.

- 1,flushing
 - 1.1 automatically flushing for 18 seconds when each time power on.
 - 1.2 Automatically flushing for 30 seconds when short press flush button. Stop flushing when press flush button again during the flushing process.
 - 1.3 Automatically flushing 6 seconds after Cumulatively purifying water for 5 minutes.

Flushing for 18 seconds after standing by for 6 hours.

2,purifying water

The product start to purify water after the high pressure valve turning on.

3,stand by

The product will turn to stand by state after the high pressure valve turning off.

4 reset

Long press reset button for 3 seconds to enter into selecting state, short press reset button, then select the cartridge, the selected cartridge indicator will be on,again long press reset button for 3 seconds,the cartridge reset is completed and exit reset function. Exiting reset function without operation for 10 seconds.

5,continuously purifying protection

The product will enter into maintenance state after purifying for 30 minutes. the inlet water solenoid valve,drain water solenoid valve and the booster pump will all stop working. The power needs to be cut off after troubleshooting. The product return to normal work after power on.

Installation and maintenance

6.Smart faucet display instructions:

- When powered on, the faucet displays :000;
when the filter cartridge is normal and water is being produced: the blue light is on;
when the filter cartridge expires and water is being produced; the blue light flashes;

7.TDS display:

The faucet displays the TDS value of pure water. After continuous water production for 30 seconds, the TDS value is detected and displayed.

Maintenance

(1)cartridge replacement period:(the replacement time will be changed according to the different water quality and water consumption)

name	Detail information	Frequency of replacement
PCT	pp+carbon+ post carbon	9-15 months
RO	RO membrane	24-36 months

2,cartridge life display

The Indicator is in blue for normal life.

The indicator flash in red for life warning.

The indicator is in red for life expired.

Then beep 10 times every time when the bump start to work, one beep in one second.

The product can work normally when any cartridge is expired.

The alarm will sound 10 times for the first time and one sound every second.Then the alarm will sound 10 times and one sound every second when the pump starts to produce water every time.After the life of any filter cartridge expires, the machine can still produce water normally.

Note:

- 1,please pay more attention to the replacement of PCT cartridge for the area where have the water tank on the roof.because the water tank is often neglected to clean,resulting in a lot of sludge sediment .

Installation and maintenance

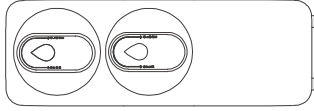
Steps to replace the filter cartridge

Please replace the filter cartridge regularly according to the indicator suggestion.

1,turn off the power and inlet water T type ball valve, turn on the faucet to release water until there is no water outflow.

2,remove the front panel and rotate the cartridge counterclockwise ,then pull out the cartridge.

Rotate the cartridge clockwise to assemble it.



Remove the cartridge counterclockwise and assemble the cartridge clockwise.

3,after replacing the cartridge,turn on the inlet water T ball valve and turn on the power and do reset operation.(please refer artical 4 of operation mode on page 10 of the manual for details.)

Note:

1,please pay attention to the operation sequence to avoid water leakage.

2,the life of cartridge will be different according to city, water quality, season, and water consumption.

maintenance

1,please do not use soap,detergent,thinner,gasoline,alcohol and other strong volatile solvents,otherwise it may cause cracks,scratches and discoloration.

2,do not washing the machine directly by water.

3,please pay more attention to the replacement of PCT cartridge for the area where have the water tank on the roof.because the water tank is often neglected to clean,resulting in a lot of sludge sediment .

Installation and maintenance

Troubleshooting

Common Malfunction	Possible Reason	Solutions
Water flow Very slow or no water flow	PE pipe is bent	Straighten pipe
	inlet water T type ball valve is closed	Open the inlet water T type ball valve
	Source water is shut down	Wait for the water source supply
	PCT filter cartridge is blocked	Replace the cartridge
	Water pressure is low	Change pressurization equipment
Machine does not work	Electricity fault	Check power supply
	Adaptor could not work normally	Replace the adaptor
	short of water	Check inlet water and restart the machine again
Water Taste is abnormal	Not using for long time	Flush the cartridge for 5 minutes, if not solve the problem,please replace cartridges
	Poor inlet water quality	Use the municipal water
	Not replace the cartridges for long time	Replace the cartridges
Noises during machine operation	Power and voltage do not match	Call professional personnel to check and repair
	inlet water flow too slow	Increase the amount of water in the inlet water container
	Adaptor is damaged	Call professional personnel to check and repair
	Failure caused on boost pump	