

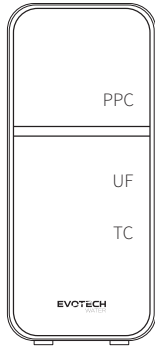


ULTRAFILTRATION SYSTEM

DRINKING PURE WATER

**User's
manual**
Ultrafiltration
system

USER'S MANUAL	
· PRESENTATION AND INTRODUCTION | PRECAUTIONS FOR USE	02
· PRODUCT TECHNICAL SPECIFICATION | PRODUCT PART NAME	
INSTALLATION OF WATER PURIFIER	03
· USE OF WATER PURIFIER | SCHEMATIC DRAWING OF THE INSTALLATION	
FULL SET OF PACKINGLIST	04
· MAINTENANCE | CLEANING AND MAINTENANCE | RECYCLING	05
· TROUBLESHOOTING	06
WARRANTY SYSTEM	07
EQUIPMENT INSTALLATION LOG	08
SYSTEM CONTROL AND MONITORING	09



ULTRAFILTRATION SYSTEM

1. PRESENTATION AND INTRODUCTION

We welcome you. Thank you for your confidence in our product. Complying with the most advanced technology, this model is a design intended for long life in all families. This system is located under the worktop.

IMPORTANT: KEEP THIS MANUAL

2. PRECAUTIONS FOR USE

Please check whether the product has damage after removing the packaging, and check whether the accessories are complete.

- This product is recommended to be installed by the professional personnel appointed by the company. During the installation, the user shall inform the installation surface details (such as the installation surface material, water and electricity layout etc.). If the user install by himself, the company will not bear any responsibilities.
- The applicable water source of this product is municipal tap water, the applicable water pressure range is 0.1MPa~0.4MPa, the applicable water temperature is 5-38°C, the applicable environmental temperature is 4-40°C, and it is strictly prohibited to use beyond the range.

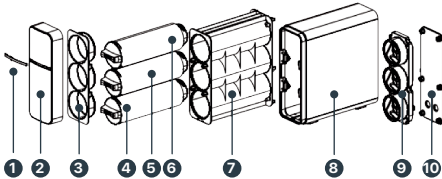
- This product is only suitable for indoor installation, there should be a reliable floor drain within 1.5 meters of the installation, in order to avoid the loss caused by poor drainage.
- Do not install this product in direct sunlight or outdoor to avoid aging of product parts.
- Avoid the use of this product in high temperature, humidity, water stains, avoid the accumulation of inflammable and explosive items around.
- If you need to purchase the accessories by yourself due to the installation requirements, please select the qualified products.
- For children and incompetent people, please use the product under the supervision of the guardian.
- This installation for this product can not be side or upside stand.
- When the water quality does not meet the standard, the water pressure and water temperature are too low, the water production flow will be reduced, which is a normal phenomenon.
- When the product is not used or left unattended for more than 24 hours, please cut off the water source to prevent excessive water pressure, causing product damage or water leakage.
- If the water temperature or external environmental temperature is below 5°C, please close the water supply pipe of the water purifier and discharge the water from the filter. If the water supply pipe or filter freeze, it can cause breakdown, damage and possible damage to the shell or water supply pipe.
- If the tap water is cut off or the water pipeline is repaired, please cut off the water source of the product. When the water supply is restored, please open other faucets to discharge the sediment before using the product, otherwise the sediment in the water pipe may lead to the rapid blockage of the filter element.
- This product needs to be repaired by the company professionals, do not dismantle it by yourself.
- This product shall be moved by the company professionals to avoid machine damage caused by improper operation.

- When the product fails, please cut off the water source quickly, and timely contact the local dealer service outlets or call the national service hotline.
- Please note that the filter element should be replaced regularly, otherwise it may affect the effluent quality and the taste of drinking water.
- The replacement cycle marked on the filter element is not the quality assurance period, and the specific replacement cycle is different according to the water quality and water consumption in different regions.

3. PRODUCT TECHNICAL SPECIFICATION

- **Model:** RO1084
- **Flow rate:** 1.5 L/min
- **Capacity:** 3.650 L
- **Filtration:** PPC+UF+TC
- **Source water temperature:** 5-38 °C
- **Water pressure:** 0.1 - 0.4MPa
- **Source water type:** Municipal tap water
- **Product size:** 285 x 100 x 260 mm
- **Weight:** 5 kg

4. PRODUCT PART NAME



1. Decoration panel
2. Front panel
3. Inner panel
4. TC Filter
5. UF Filter
6. PPC Filter
7. Inner frame
8. Outer frame
9. Waterway board
10. Bottom panel

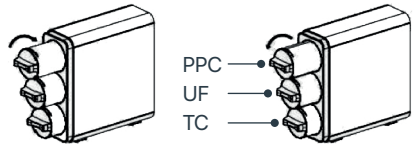
5. INSTALLATION OF WATER PURIFIER

5.1. Matters need Attention for Installation

- After the user buys the ultra-filtration water purifier, the professional installation personnel of the company will install and debug the product, and confirm whether the random accessories in the packaging box are complete before the installation.
- Product installation should have municipal water pipe interface.
- The installation site of the product is clean and hygienic, with no pollution around, no direct sunlight, no flammable and explosive and electrical equipment around, and no rain.
- When installing drilling, avoid the water, electricity and gas pipelines in the wall to avoid danger.

5.2. Installation of filter element

1. Remove the filter element from the product packaging box and remove the plastic sealing film of the outer package.
2. According to the sequence shown in the diagram in the structure, put the filter element into the ultra-filter machine in turn.
3. Tighten the filter element clockwise by hand.



Tighten the filter clockwise.

Unscrew the filter counterclockwise.

5.3. Installation of the pipeline

1. Close the main inlet valve, remove the original tap or angle valve, and then connect with the inlet water three-way valve.

⚠ NOTE: The connection should be sealed with tape or sealing ring.

2. Finally connect to the original tap or angle valve.

5.4. Connect the water inlet:

1. Connect one end of the PE pipe to the tap three-way valve and the other end to the connecting port of the "inlet water" on the machine back.

5.5. Install faucet:

1. According to the installation position of the faucet, use a hammer and a steel nail to make a groove (easy to drill), drill a dia12mm round hole in the groove, and then fix the goose neck faucet.
2. Take a PE pipe to connect with the goose neck faucet interface, and the other end is connected with the "purified water" interface on the machine back.

5.6. Pressure test:

Open the water source, open the goose neck faucet, after the goose neck faucet comes out of clear water, close the goose neck faucet. 5 minutes later, check every joint to make sure no leaking during the pipeline connection.

5.7. Flush the filter element:

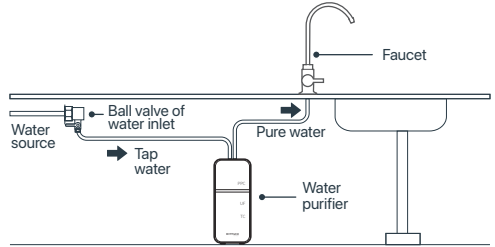
Install the 3 filters in sequence into UF system, open the goose neck faucet. Flush the 3 filters for 30min until the water is clear enough, then close the faucet.

6. USE OF WATER PURIFIER

1. Use for the first time, open the goose neck faucet, open the water three-way valve, water comes into the machine.
2. When the goose neck faucet has water coming out, immediately close the faucet, pressurize for 30 minutes to check whether the pipeline is without leaking.
3. If no leakage occurs, open the goose neck faucet to let the machine work about 30 minutes until the water is clear and no peculiar smell.
4. For normal use, open the goose neck faucet to release water.

5. If the machine is not used for a long time, the water should be released for a certain time before normal use.

7. SCHEMATIC DRAWING OF THE INSTALLATION



8. FULL SET OF PACKINGLIST

• Water purifier.....	..... 1 unit
• Instructions manual.....	..... 1 unit
• Inlet water valve.....	..... 1 unit
• Tape.....	..... 1 unit
• ¼" quick connecting.....	..... 1 unit
• O-ring.....	..... 3 units
• ¼" PE pipe.....	..... 5 metres
• Faucet.....	..... 1 unit
• Blue clip.....	..... 5 units
• PP+C composite filter.....	..... 1 unit
• UF membrane.....	..... 1 unit
• TC filter.....	..... 1 unit

9. MAINTENANCE

Filter change recommendation:

To ensure normal operation of the machine and water quality, the filter must be replaced on time. The recommended replacement cycle is as follows:

STAGES OF FILTRATION	CARTRIDGE COMPOSITION	FUNCTION	UNITS	CHANGE
1 st STAGE	PPC composite filter	Intercept large particles of impurities such as rust, sediment, suspended matter, red insects, colloids in water, absorb chlorine, odor and smell.	1 unit	12-24 months
2 nd STAGE	UF membrane	Effectively intercept micro-particles, colloids and some micro-organisms in water		24-36 months
3 rd STAGE	TC filter	Further absorb odor, improve taste.		12-24 months

The filter replacement cycle is completely dependent on the user's water quality and water usage. If the safe replacement cycle is performed, the normal operation of the ultrafiltration system and the quality of the pure water produced by it can be guaranteed. On the other hand, the recommended filter replacement cycle is for your reference only.

- The life of the filter element varies according to the use area, water quality, season and usage, and the actual replacement cycle will be different.

REPLACEMENT STEPS

Please replace the filter element regularly according to the filter element life indicator or recommended replacement cycle. The replacement of the filter element should be completed by the professional personnel of the company.

Close the inlet three-way valve of the water purifier, and open the goose neck faucet to release water until no water flows out, remove the old filter counterclockwise, and replace it with the new filter. Make sure the installation is well done.

AVIS

- Please pay attention to the sequence when replacing the filter element, and ensure that the joint is not leaking.
- The post activated carbon filter is set to improve the taste. If the purified water taste is not good or the service life expires, please replace with new filters, otherwise bacteria are very easy to breed on the surface of activated carbon, affecting the safety of drinking water.

10. CLEANING AND MAINTENANCE

During product cleaning and maintenance, please do not use soap, detergent, diluent, gasoline, alcohol and other strong volatile solvents, otherwise it may cause cracks, scratches and discoloration.

Do not directly spray water on the machine for cleaning.

11. RECYCLING



The packaging material used is recyclable. We recommend that you separate plastic, paper and cardboard and hand them over to recycling companies.

According to WEEE (Waste of Electrical and Electronic Equipment) guidelines, waste electrical and electronic equipment must be collected separately.


If you need to dispose of this appliance in the future, DO NOT throw it away with other household waste. You should take it to your nearest WEEE (Waste Electrical and Electronic Equipment) collection point.

12. TROUBLESHOOTING

The following abnormal situation can be handled by ourselves. If it cannot be removed, ask professional maintenance personnel to perform a thorough inspection and maintenance. It is normal for the machines to make a slight noise during operation.

PROBLEM	CAUSE	SOLUTION
The machien does not outlet water or water output decrease.	PE tube not well connected.	Check PE tube connection.
	Inlet water valve or faucet not open.	Open inlet water valve or faucet.
	Municipal water supply is closed.	Use it when water supply is open.
	PPC filter is blocked.	Change filter.
	Water pressure is too low.	Use water pressure supercharging measures.
Water taste becomes abnormal.	Long time no use of the machine.	Flush each filter for 5min, if no improvement, change filter.
	Long time no change of filter.	Change filter.
	Original water quality is too bad.	Use municipal water source.
Water leak.	Some component is broken.	Cut off the water supply and contact professional maintenance center.

If the above instructions still fail or do not find the fault (including other faults) cause, please cut off the water source and contact the professional maintenance department of the company.

 **Warning:** For your safety consideration, you are again reminded not to disassemble the machine by yourself.

CUSTOMER INFORMATION

Mr. Mrs.: _____
Address: _____
ZIP Code and location: _____
Phone number: _____
Email: _____

SELLER'S DETAILS:

Business name: _____
Address: _____
ZIP Code and location: _____
Phone: _____
FAX: _____
Email: _____

EQUIPMENT GUARANTEE DIRECTED TO THE END CUSTOMER:

All of our products have a two-year warranty as established by law upon purchase. If any repairs were to be made, it would have a 3 month warranty, regardless of the general warranty. In order to cover this guarantee, the product purchase date must be verified

The company undertakes to guarantee the **parts that are defective**, provided that they are not sent for examination at **our facilities** on behalf of the customer.

To make the warranty effective, the defective part must be accompanied by this warranty voucher, duly fulfilled and sealed by the seller.

All warranties will be given in our warehouses. In all cases our responsibility is **limited to replacing or repairing defective materials** without paying any compensation or other expenses.

No refunds or claims of material will be accepted after 15 days of receipt. If within this period, the material must be sent to us packaged and **DIRECTED TO PAID PORTS TO OUR WAREHOUSES.**

THE GUARANTEE DOES NOT EXTEND TO:

1. Replacement, repair of parts caused by wear, due to normal equipment use, such as resins, polyphos-

phates, sediment cartridges, etc. as indicated in the instruction manual of the equipment.

2. Damages caused by bad use of the device and those caused by transportation.
3. Handling, modifications or repairs made by third parties.
4. Malfunctions due to bad installation, outside the technical service, or if the assembly instructions have not been followed correctly.
5. Improper use of the equipment or that the working conditions are not those indicated by the manufacturer.
6. The use of non-original company parts.

"CE" DECLARATION OF CONFORMITY:

We declare under our sole responsibility that the water purification system for water filtration for human consumption is adapted per the following norms or normative documents:

**"EN-12100-1, EN12100-2,
EN-55014-1:2000/A1:2001,
EN-61000-3-2:2000/2001,
EN61000-3-3:1995/A1:2001, EN1558-2-6".**

And it is in conformity with the essential requirements of the directives: **98/37/CE, 73/23/CEE, 89/336/CEE.**

STAMP OF THE AUTHORISED SELLER

 ORDER NO PRODUCT CODE SERIAL NUMBER

NOTICE: Read this manual carefully. If you have any questions, please contact the technical support service (T.S.S.) of your distributor. The data marked with (*) must be stamped by the installer and transcribed by him to the company.

<input type="text"/>	ORDER NO
<input type="text"/>	PRODUCT CODE
<input type="text"/>	SERIAL NUMBER

INFORMATION PRIOR TO EQUIPMENT INSTALLATION:

Origin of the water to be treated:

- Public supply network.
- Other: _____

Previous treatment? _____
Hardness inlet water: _____ °F
Inlet TDS: _____ ppm
Inlet pressure: _____ Bar
Chlorine concentration at the inlet: _____ ppm

CONTROL OF INSTALLATION STEPS:

- Washing of carbon prefilters.
- Carbon post filter wash.
- Membrane assembly.
- Sanitation according to the described protocol.
- Chlorine concentration in tap after rinsing: _____

- Flow restrictor check
- Maximum pressure switch setting.
- Inspection and fittings
- Pressurized system tightness.
- * TDS produced water (countertop tap): _____ ppm

Clearly inform about the use, handling and maintenance required by the equipment to ensure proper operation of water. Given the importance of proper equipment maintenance to guarantee quality water, the owner must be issued a maintenance contract made by trained technicians.

EQUIPMENT GUARANTEE DIRECTED TO THE DISTRIBUTOR:

The selling company will be responsible solely and exclusively for the replacement of parts in the event of lack of conformity. Equipment repair and associated expenses (labor, shipping, travel, etc.) will not be borne by the selling company, since the manufacturer and / or distributor guarantees it is done at their facilities.

COMMENTS:

- *Result of installation and service commissioning:
- CORRECT (equipment installed and operating correctly. Water produced is suitable for the application).
 - Otras: _____

AUTHORIZED INSTALLER:

CONFORMITY OF THE OWNER OF THE EQUIPMENT:

The client owner has been informed about the maintenance of the equipment and how to contact the technical assistance service.

Comments: _____

NOTIFICATION	DATE	TECHNICAL DATA
<input type="checkbox"/> Installation <input type="checkbox"/> Maintenance <input type="checkbox"/> Warranty <input type="checkbox"/> Inspection <input type="checkbox"/> Repair	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Name: _____ Signature or stamp:
<input type="checkbox"/> Installation <input type="checkbox"/> Maintenance <input type="checkbox"/> Warranty <input type="checkbox"/> Inspection <input type="checkbox"/> Repair	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Name: _____ Signature or stamp:
<input type="checkbox"/> Installation <input type="checkbox"/> Maintenance <input type="checkbox"/> Warranty <input type="checkbox"/> Inspection <input type="checkbox"/> Repair	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Name: _____ Signature or stamp:
<input type="checkbox"/> Installation <input type="checkbox"/> Maintenance <input type="checkbox"/> Warranty <input type="checkbox"/> Inspection <input type="checkbox"/> Repair	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Name: _____ Signature or stamp:
<input type="checkbox"/> Installation <input type="checkbox"/> Maintenance <input type="checkbox"/> Warranty <input type="checkbox"/> Inspection <input type="checkbox"/> Repair	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Name: _____ Signature or stamp:

OBSERVATIONS: _____

NOTIFICATION	DATE	TECHNICAL DATA
<input type="checkbox"/> Installation <input type="checkbox"/> Maintenance <input type="checkbox"/> Warranty <input type="checkbox"/> Inspection <input type="checkbox"/> Repair	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Name: _____ Signature or stamp:
<input type="checkbox"/> Installation <input type="checkbox"/> Maintenance <input type="checkbox"/> Warranty <input type="checkbox"/> Inspection <input type="checkbox"/> Repair	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Name: _____ Signature or stamp:
<input type="checkbox"/> Installation <input type="checkbox"/> Maintenance <input type="checkbox"/> Warranty <input type="checkbox"/> Inspection <input type="checkbox"/> Repair	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Name: _____ Signature or stamp:
<input type="checkbox"/> Installation <input type="checkbox"/> Maintenance <input type="checkbox"/> Warranty <input type="checkbox"/> Inspection <input type="checkbox"/> Repair	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Name: _____ Signature or stamp:
<input type="checkbox"/> Installation <input type="checkbox"/> Maintenance <input type="checkbox"/> Warranty <input type="checkbox"/> Inspection <input type="checkbox"/> Repair	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Name: _____ Signature or stamp:

OBSERVATIONS: _____

NOTIFICATION	DATE	TECHNICAL DATA
<input type="checkbox"/> Installation <input type="checkbox"/> Maintenance <input type="checkbox"/> Warranty <input type="checkbox"/> Inspection <input type="checkbox"/> Repair	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Name: _____ Signature or stamp:
<input type="checkbox"/> Installation <input type="checkbox"/> Maintenance <input type="checkbox"/> Warranty <input type="checkbox"/> Inspection <input type="checkbox"/> Repair	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Name: _____ Signature or stamp:
<input type="checkbox"/> Installation <input type="checkbox"/> Maintenance <input type="checkbox"/> Warranty <input type="checkbox"/> Inspection <input type="checkbox"/> Repair	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Name: _____ Signature or stamp:
<input type="checkbox"/> Installation <input type="checkbox"/> Maintenance <input type="checkbox"/> Warranty <input type="checkbox"/> Inspection <input type="checkbox"/> Repair	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Name: _____ Signature or stamp:
<input type="checkbox"/> Installation <input type="checkbox"/> Maintenance <input type="checkbox"/> Warranty <input type="checkbox"/> Inspection <input type="checkbox"/> Repair	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Name: _____ Signature or stamp:

OBSERVATIONS: _____

NOTIFICATION	DATE	TECHNICAL DATA
<input type="checkbox"/> Installation <input type="checkbox"/> Maintenance <input type="checkbox"/> Warranty <input type="checkbox"/> Inspection <input type="checkbox"/> Repair	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Name: _____ Signature or stamp:
<input type="checkbox"/> Installation <input type="checkbox"/> Maintenance <input type="checkbox"/> Warranty <input type="checkbox"/> Inspection <input type="checkbox"/> Repair	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Name: _____ Signature or stamp:
<input type="checkbox"/> Installation <input type="checkbox"/> Maintenance <input type="checkbox"/> Warranty <input type="checkbox"/> Inspection <input type="checkbox"/> Repair	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Name: _____ Signature or stamp:
<input type="checkbox"/> Installation <input type="checkbox"/> Maintenance <input type="checkbox"/> Warranty <input type="checkbox"/> Inspection <input type="checkbox"/> Repair	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Name: _____ Signature or stamp:
<input type="checkbox"/> Installation <input type="checkbox"/> Maintenance <input type="checkbox"/> Warranty <input type="checkbox"/> Inspection <input type="checkbox"/> Repair	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Name: _____ Signature or stamp:

OBSERVATIONS: _____

