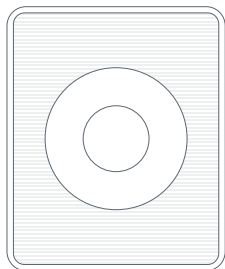


**User's
manual**

Ultrafiltration
system

USER'S MANUAL	
· SAFETY INSTRUCTIONS	02
· LIST OF PARTS	03
· INSTALLATION TIPS TECHNICAL DATA SYSTEM INSTALLATION	04
· DIAGRAMMATIC DRAWING OF WATER INSTALLATION FIRST USE INSTRUCTIONS	05
· FILTER CHANGE	06
TROUBLE SHOOTING	07
MAINTENANCE SYSTEM	08
EQUIPMENT WARRANTY	09
EQUIPMENT INSTALLATION RECORD	10
CONTROL AND MONITORING OF THE SYSTEM	11



ULTRAFILTRATION WITH ALKALINE WATER SYSTEM

1. SAFETY INSTRUCTIONS

All instructions described should be carefully read and followed.

These instructions are precautions to prevent the risk of serious injury or death of the user, and any damages to property.

! **WARNING:** Indicates high possibility of serious injury (*1) or death of the user.

! **CAUTION:** Indicates high possibility of injury (*2) or property loss (*3).

*1: Serious injury - Injury which requires hospitalization, lengthy treatment, or blindness, hot and cold skin burn, electric shock, broken bones or poisoning.

*2: Injury - injury, skin burn or electric shock which does not require hospitalization or lengthy treatment.

*3: Property loss - extended loss or houses, furniture, domestic animals or pets.

1.1. SYMBOLS

⊘ **PROHIBITED:** Indicates prohibited actions. Detailed instructions would be indicated on the inside of the circle or around the symbol in figures or in writing.

! **IMPORTANT:** Indicates mandatory actions. Detailed instructions would be indicated on the inside of the circle or around the symbol in figures or in writing.

! **CAUTION:** Recommends to take precautions. Detailed instructions would be indicated on the inside of the triangle or around the symbol in figures or in writing.

1.2. TO USE

! Prior to use, the water purifier must be properly assembled and installed in accordance with this manual. It may damage to the water purifier and cause danger.

⊘ Do not use, the water purifier must be properly assembled and installed in accordance with this manual. It may damage to the water purifier and cause danger.

! Make the water purifier on a solid level surface. It may cause the water purifier to fall and tumble down.

⊘ Do not immerse any parts of the water purifier in water or other liquids. It may cause damage to the purifier.

! Do not operate the water purifier by weak people (including children) which are reduced physical, sensory, mental capabilities, nor inadequate experience and knowledge, unless sufficient instructions have been given by the person who can guarantee the safe use of the water purifier. It may cause damage, or malfunction.

⊘ Do not disassemble, remodel, modify and repair the water purifier. This may cause fire or fault, and cause injuries. If repair is required, please, contact with the technical service.

Do not place anything on the water purifier. It may cause damage.

⊘ To clean the water purifier, use the soft cloth moisten by the neutral detergent diluted with water. Do not use the insecticide, thinner, benzene, chlorine or acid lotion. It may cause crack, fire or deleterious gas.

Do not freeze. It may cause leakage or other malfunctions. The filter will be damage below 0°C.

- ⊘ Do not connect the water purifier to the water supply that is not suitable for drinking. This water purifier is exclusively for the tap water with know ingredient. It may damage health or cause trouble.

1.3. CAUTIONS

- ⊘ Do not use outdoors. Keep the water purifier at dry place and away from direct sunlight. It may cause fire or malfunction. Also the body of the water purifier may change color, deform and breeds moss and fungus.

- ⚠ Indoor use only. This appliance is intended to be used in household and similar applications such as staff kitchen areas in shops, offices and other working environments; farm houses and by clients in hotels, motels and other residential type environments; bed and breakfast type environments; catering and similar non-retail applications.

- ⚠ The water purifier usage temp range is between 4 °C - 38 °C. Do not use the water purifier out of usage temp range. The flow rate will be reduced when the environmental temp gest lower.

- ⚠ Do not place the water purifier close to fire. It may damage to the water purifier and cause fire.

- ⊘ Do not install the water purifier in where the water jet washer is used. It may cause fire dure to an insulation deterioration.

- ⊘ Do not install water inlet pipe and drain pipe beside gas range and other sources of fire. Stay away from the fire source above 30 cm. It will cause fire or machine damage.

- ⊘ Do not reset the filter except to replace expired filters or to stop using them for long periods. It may cause adhesion of germs of water leakage.

Do not connect hot water pipe of water heater to the water inlet. The filter will be damaged above 38 °C.

- ⊘ The water once take cut should be used as soon as possible. It is easy to breeding miscellaneous bacteria.

- ⚠ The water purifier shall be installed or removed by professional. It's easy to damage the inner parts.

- ⚠ It's normal that there will be slight noise and vibration when the water purifier is producing water.

1.4. TO INSPECTION AND MAINTENANCE

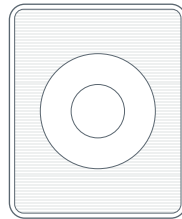
- ⊘ If the supply filter is damage, it must be replaced by the manufacturer. It's service agent or similarly qualified persons in order to avoid a hazard.

- ⊘ Do not clean the water purifier with high water pressure equipment.

- ⚠ Service should be performed only by a certified technician. It may damage to the purifier.

- ⚠ Do not use the water purifier outdoor. It may cause malfunction, fire, and also it may cause the water purifier body color changed, deformation, growth of moss or contamination.

2. LIST OF PARTS



Water purifier (x1)



Operation instruction (x1)



Faucet (x1)



Inlet ball valve (x1)



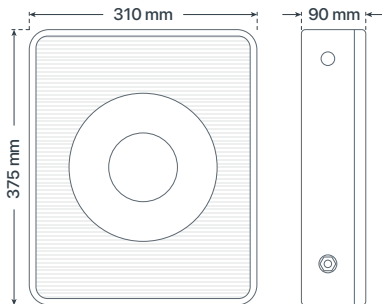
PE pipeline (x1)

3. INSTALLATION TIPS

1. Avoid places and areas near fire or direct sunlight.
2. Do not connect to cold tap water before accelerating the main valve of the water pipe. The filter may be damaged.
3. Use original filters and parts (hose and water supply valve) for installation. It may cause water leakage and damage to the product.
4. Open the water valve and faucet for about 5 minutes to allow the water to run through the filters and hoses (initial installation and each time the filter is changed).
5. Do not repair or replace the machine without an authorized service worker (warranty service cannot be guaranteed for damaged product).
6. Turn off the main water valve before not using it for a long time.
7. It may cause water leakage and material damage.
Do not strike the product.
8. Do not place heavy objects or cut the water supply hose (may cause water leakage and material damage).
9. Do not place heavy objects on the product (may cause damage to the product).
10. Do not repair or disassemble the product.

4. TECHNICAL DATA

- **Model:** RO1077
- **Pure water flow rate L/min:** 0,5 L/min
- **Inlet water pressure:** 0.1-0.4 Mpa
- **Inlet water temperature:** 5-40 °C
- **Inlet water quality:** Agua de red
- **Weight:** 2 kg
- **Equipment dimensions:** 310 x 90 x 375 mm.



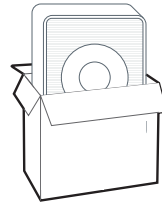
5. SYSTEM INSTALLATION

⚠ NOTES:

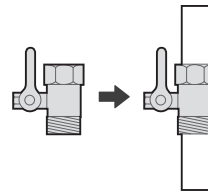
Installation will be carried out by professionals at the local commissioned sales and service site.

INSTALLATION:

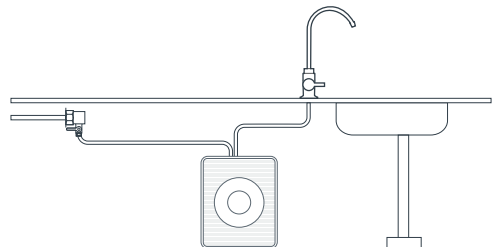
1. Remove the product from the packaging box and place it under the water slot in the stove.



2. Remove the three-way ball valve and install it in the faucet piping.



3. Connect the piping and install the water storage part according to the schematic drawing of the water installation.



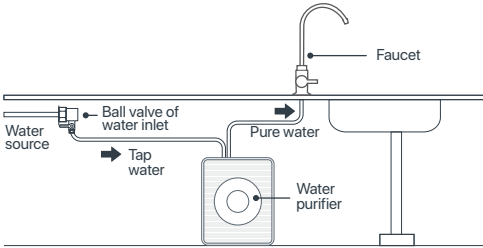
⚠ NOTES:

We recommend the installation of a pre-filter (Ref. FPR001) at the water inlet of the equipment to prevent sand, sediments, mud, etc. from entering and shortening the life of the system.

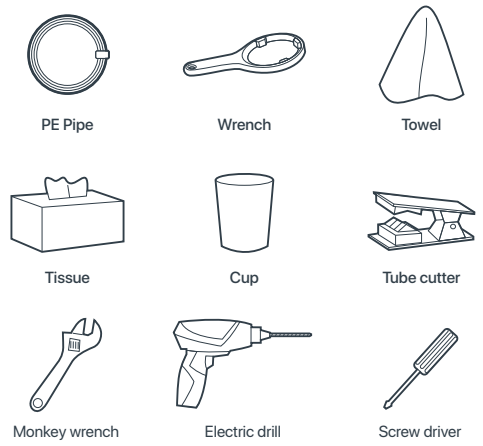
6. SCHEMATIC DRAWING OF INSTALLATION

⚠ NOTES:

There are some differences between the drawings in the manual and the real object. The practice is subjected to the real object. The main materials and equipment to be installed. If you need to use the faucet adapter, please check the manual of the water purifier faucet adapter.



Materials needed in installation:

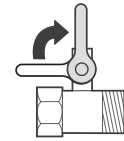


- The installation master shall install, flush and debug the whole machine according to the maintenance procedures.

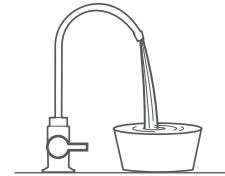


STARTING UP:

- Open the three-way ball valve:



- It is normal for black water to come out. We recommend letting the water run out until it runs clear.



7. FIRST USE INSTRUCTION:

- Call the service department to schedule an appointment for the installation of the water purifier.



8. FILTER CHANGE

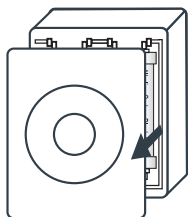
 NOTES:

Replace the filter with the one supplied by the technical service.

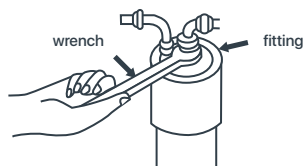
1. First close the three-way ball valve.



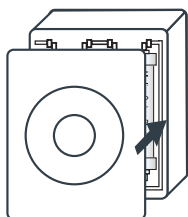
2. Remove the front cover of the system and remove the filter to be replaced.



3. Use a wrench to remove the fitting and replace the filter.



4. Check for water leaks and put the lid on.



9. RESOLUCIÓN DE PROBLEMAS

 NOTES:

The most common anomalies are then judged and inspected. If the simple treatment cannot be eliminated, please send it to the maintenance office for consultation. Please do not disassemble and repair by yourself to avoid danger or damage to the water purifier.

• If there is any problem in use, please solve as the following methods. If the error cannot be solved, please consult with your technical service.

PROBLEM	POSSIBLE CAUSE	SOLUTION
The taste of the water is not good.	Unused for a long time.	Replace all filters and use.
Water does not come out.	There is no water supply.	Check the water supply from the faucet.
	The valve is blocked.	Open the main water valve.
	Filters exhausted.	Replace old filters.
Water leaks.	Poorly assembled parts.	Fix the main water valve and stop using the system.
		Contact technical service.
Fine particles in purified water.	Bubbles generated when dispensing water.	Shake the water left and right 5-6 times.
		If particles are still coming out after 5 minutes, contact your service representative.

It is very important to have an official equipment service agent to conduct all maintenance work, whom will use original spare parts and will offer you a maintenance contract and service guarantee. Any equipment manipulation or use of a non-original replacement part by a company or person outside our distributors will invalidate the warranty of your equipment, as well as that of its official distribution.

Some components, such as prefilters, membrane or postfilter are consumable and have a limited duration.

The duration will depend on the quality of the local water and on specific aspects such as the entry of mud, extreme turbidity, high chlorination, high iron concentration, etc.

10. RECAMBIOS ORIGINALES RECOMENDADOS POR SU DISTRIBUIDOR OFICIAL:

1. FCS-16: Sediments type U stem cartridge 11".
2. FCC-16: Block carbon type U stem cartridge 11".
3. UF1001: Encapsulated ultrafiltration membrane type U stem.
4. FP1031: pH regulating post-filter type U stem cartridge 11".

Your official distributor will control the duration of these elements based on the water quality.

A similar procedure to that of the start-up procedure will be followed to change the filters. The duration of consumables has been studied in the laboratory.

An excess in the studied parameters, such as the presence of total chlorine, turbidity or hardness, may shorten its lifespan.

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:
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OBSERVATIONS: _____

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OBSERVATIONS: _____



EVOTECH
WATER