

Installation and operation manual

TrioPure

ULTRAFILTRATION DRINKING WATER FILTER



Read the instructions carefully before use!

Introduction

Thank you for purchasing the ultrafiltration, system. By purchasing this unit, you have taken your first step to cleaner and better tasting water. Filter can be changeable which ensures the excellent filtration function, and moreover, the filter can be replaced easily and the price is cost effective, so the total cost of producing water is low.

Elaborate designed 3 stages filter:

- The 1st Stage: Spun PP Filter — removes larger particles suspended in water.
- The 2nd Stage: Granular Carbon Filter — removes organics, chlorine, odor, and turbidity.
- The 3rd Stage: UF Bayonet Filter—removes suspended particles, turbidity, bacteria and other harmful substances.

Package contents

Ultra Filtration System— 1 pc

Food Grade Tubing — 1(1.2m) pc

Faucet — 1 pc

Tee Fitting — 1 pc

Feed Water Valve -1 pc

Manual — 1 pc

Technical specifications

Source water: Municipal Running Water

Chlorine Level: 1 ± 0.2 ppm

Inlet Water Pressure (min/Max): 14.5 - 43.5 psi

Inlet Water Temperature (min/Max): 4°C - 38°C

Filter Replacement

1. Close Feed Water Valve.
2. Open Faucet and drain any remaining water from system.
3. Revolve the old cartridge clockwise, and then take away it from the cap.
4. Align the new cartridge with central cap then slightly push it into the hole.
5. Turn counter-clockwise to tighten the new cartridge then open valves.
6. Perform pre-filter flush after filters have been changed.

Troubleshooting

Problem	Cause	Solution
No product water	Filter cartridge clogging	Replace the cartridge
	Feed Water Valve is closed	Open the Feed Water valve
	Running Water is closed	Open the running water
Leaks	Pipe not connected tightly	Tighten the fitting

Safety instructions

This appliance is intended to operate and function as per the instructions in this manual. It is not designed to operate outside of the specifications listed and any attempt to do so or tamper with the unit can cause damage to the unit and/or bodily harm. This unit is not a toy keep out of reach from small children. If the unit requires service or repair, please contact to your local service technician or sales representative.

Please ensure feed water temperature is over 4°C. Using water below 4°C can cause ice to form and damage the unit.

NOTE: Use only a cold potable water supply as Feed Water, hot water will damage your unit. Softened Feed Water will extend the life of the Filter Cartridges.

Maintenance

Filter Maintenance

To ensure the unit operates at its optimum level, routine maintenance is required. The frequency of maintenance depends on the feed water quality and amount of system usage. The following are some guidelines for scheduled filter changes; keep in mind the frequency of filter changes may vary. If in doubt, contact your local dealer or service technician.

- Change Spun PP Filter every 3-6 months or as required.
- Change UF Bayonet Filter every 18-24 months or as required.
- Change Granular Carbon Filter every 6-12 months or as required.

If you will be away or not using the unit for an extended period of time, please disconnect unit from power supply. If the unit has been shut down and not used for an extended period of time, perform the same flushing procedure as in the initial set up.

Read through all instructions before beginning installation and using this system. Follow all steps exactly or risk damaging system/incorrect operation.

This system contains filters that need to be replaced at certain intervals. Replacement intervals will vary according to use, please contact your local dealer for details.

Please install system on potable water only. On non-potable water sources, system will not function properly and additional pre-treatment may be needed.

IMPORTANT

Ensure source water pressure is between 14.5 - 43.5 psi. If source water pressure exceeds maximum pressure, a pressure reduction valve may be needed, consult your local dealer.

Ensure source water temperature is between 5°C -45°C. System will not function properly if these temperatures are exceeded.

DO NOT INSTALL ON HOT WATER SOURCE.

Do not use system on noticeably contaminated water such as raw sewage or well water.

Caution

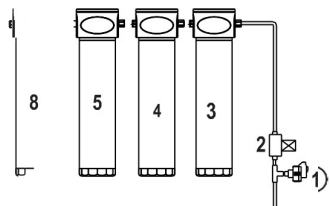
- Do not disassemble, open, or modify this unit. Tampering with the unit may cause failure or damage and will void warranty.
- Do not cover the unit, as this will prevent proper heat dissipation and can cause damage or fire.
- Do not place objects on top of the unit as this may cause damage to the unit and may cause leaking.
- Follow all recommended operating pressures and temperature, failure to do so will cause damage to the unit and void warranty.

* Avoid contact with corrosive materials.

Keep away from heat

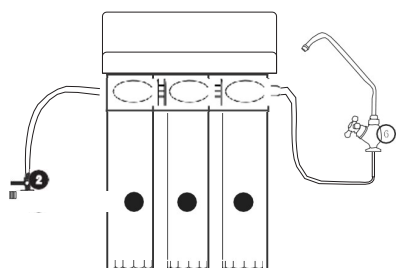
Flow System

UF System



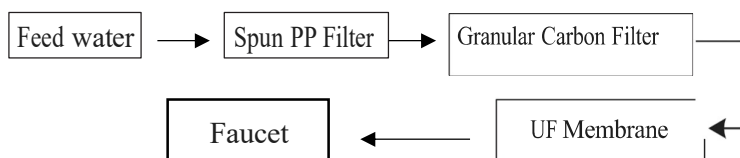
1. Low Pressure Switch
2. Inlet water Solenoid Valve
3. PP Spun Sediment
4. Granular Active Carbon
5. UF Membrane.
6. Block Active Carbon
7. UF Membrane
8. Bioactive Carbon

OUFSystem



1. Inlet Water Valve
2. Tee Fitting
3. PP Spun Fiber
4. Block Carbon Filter
5. UF Membrane
6. Faucet

How Your system works

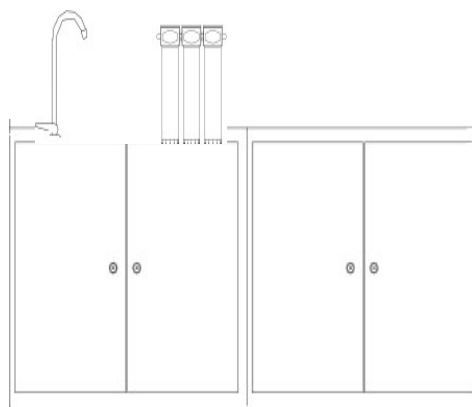


Installation

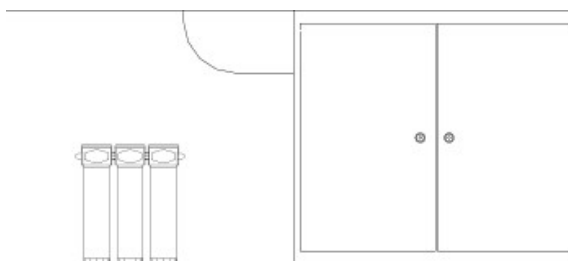
Unit placement

This unit was designed to be placed under your sink or on your counter top. However, if due to space or other limitations, this unit can be placed where it is convenient.

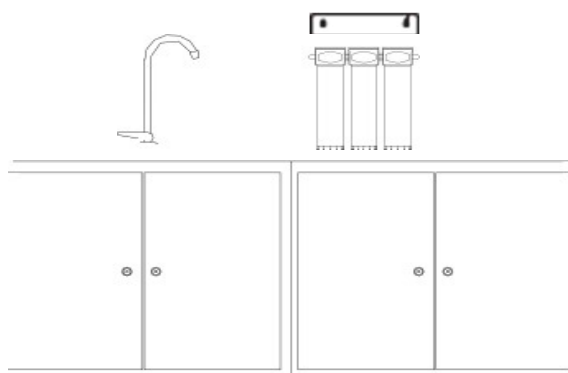
When choosing a location for the unit, remember to have easy access to cold water line, drain pipe, power outlet, and enough room to change filters.



On the counter top



Inside the cabinet



On the wall

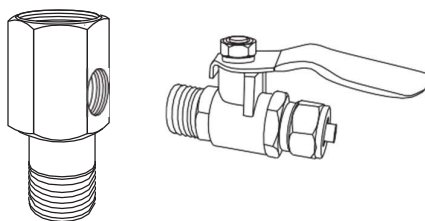
Install Feed Water Valve.

Feed Water connection should be as close as possible to Ultra Filtration System

- Install the Feed water valve
- Install the Feed water valve Tee fitting, and then connect to source water.

Caution: The water supply to your unit **MUST** be from COLD WATER LINE.

For KUF-3



WARRANTY TERMS AND CONDITIONS

The warranty period specified by the manufacturer for the equipment you purchased is 24 (twenty-four) months.

The equipment must undergo regular maintenance at least once a year.

Warranty obligations are provided in accordance with the manufacturer's warranty terms stated in the product's technical manual and the supplier's conditions outlined below.

The supplier provides a technical manual with each product – in the original language, unless otherwise requested. The buyer is responsible for adhering to the technical specifications of the product and for its proper use.

Warranty obligations apply only in cases where the product has defects caused by the manufacturer and the user has used the product in accordance with the instructions specified in the technical manual. In such cases, defects are remedied at the supplier's expense, i.e., by SIA WATEX.

Warranty obligations do **not** apply in the following cases:

1. The product is mechanically damaged or the manufacturer's labels are tampered with;
2. The product is kept in unsuitable conditions;
3. User rights have been violated, e.g., the product has been disassembled or repaired by the user;
4. The product is damaged as a result of force majeure: such conditions include circumstances beyond the control of the buyer and supplier, which they could not foresee and cannot prevent through reasonable actions (these include fires, floods, earthquakes, acts of war, monetary reforms, etc.);
5. If the product was not installed by the supplier, then during the warranty period the defective product must be delivered by the buyer to the SIA WATEX office; if the product was delivered, installed, adjusted, and commissioned by an official representative of SIA WATEX, the warranty is provided on-site at the customer's location.

For warranty-related matters, please contact the responsible persons at SIA WATEX.