

Installation and operation manual

TrioPure

DRINKING-WATER ULTRAFILTRATION SYSTEM



Read all instructions before installing or using the water filter.

Introduction

Thank you for choosing this ultrafiltration system. Replaceable cartridges provide effective filtration, are easy to change and help keep the total cost of producing clean water low.

Three-stage filtration

- Stage 1 — PP sediment cartridge: removes large particles suspended in water.
- Stage 2 — CTO granular-activated-carbon cartridge: removes organic matter, chlorine, odour and turbidity.
- Stage 3 — UF membrane: removes suspended particles, turbidity, bacteria, viruses and other harmful substances.

Package contents

- Ultrafiltration system — 1 piece
- Tube, 1.2 m — 1 piece
- Faucet — 1 piece
- T-fitting — 1 piece
- Feed-water valve — 1 piece
- Operating manual — 1 piece

Technical parameters

Parameter	Value
Source water	Municipal water or well water
Chlorine level	1 ± 0.2 ppm
Inlet-water pressure (min/max)	1–4 bar
Inlet-water temperature (min/max)	2–35 °C
Clean-water flow rate	approximately 4 L/min
Routine regeneration or backwashing	Not required

Filter replacement

1. Close the feed-water valve.
2. Open the faucet and drain the remaining water from the system.
3. Turn the old cartridge clockwise and remove it from the cap.
4. Align the new cartridge with the centre of the cap and press it gently into the opening.
5. Turn the cartridge counter-clockwise to secure it, then open the feed-water valve.
6. After replacement, open the faucet and flush the cartridges for approximately 10 minutes.

Troubleshooting

Problem	Possible cause	Solution
No water flow	Filter cartridge is clogged	Replace the cartridge
No water flow	Inlet-water valve is closed	Open the inlet-water valve
No water flow	Household water supply is off	Restore the household water supply
Leak	Tube connection is not tight	Reconnect the tube by pushing it fully into the fitting

Safety instructions

Operate the unit only as described in this manual and within the stated specifications. Do not tamper with it. Keep it away from small children. For service or repair, contact a qualified service technician or the seller.

Use only cold potable water as feed water. Hot water damages the unit. Softened feed water extends cartridge life.

Important: keep the inlet-water temperature within 2–35 °C. Do not connect the system to hot water.

Maintenance

Regular maintenance is required for optimum performance. The interval depends on water quality and the amount of use.

Recommended cartridge-replacement schedule

Use setting	PP and CTO cartridges	UF membrane
Household	Every 6–12 months	Every 12 months
Office	Every 3–6 months	Every 6–12 months

If the unit will not be used for a long time, close the inlet-water valve. Before reuse, perform the same flushing procedure as at initial start-up.

Important operating limits

- Connect the device only to a potable-water supply.
- Keep the inlet-water pressure between 1 and 4 bar. If it is higher, install a pressure-reducing valve.
- Keep the inlet-water temperature within 2–35 °C and do not connect the system to hot water.
- Municipal or well water may be used only when it is potable and microbiologically safe. Do not use sewage, visibly contaminated water or untreated well water of unknown safety.

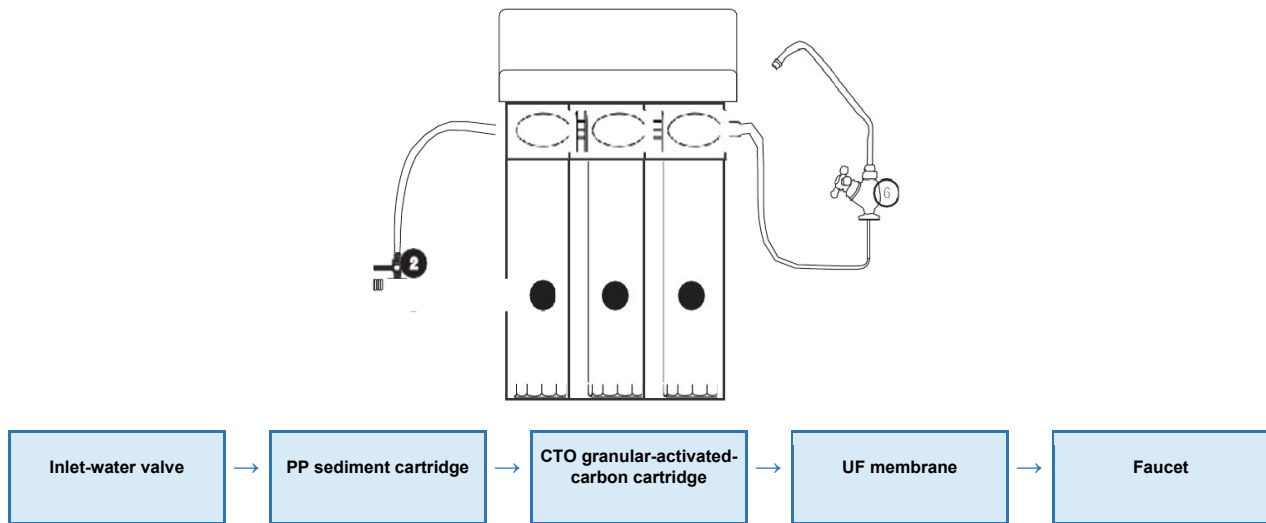
Flushing requirements

The product specification states that routine flushing is not required: the system needs no routine regeneration or backwashing. This does not replace the manufacturer-required approximately 10-minute flush at initial start-up and after cartridge replacement.

Warnings

- Do not disassemble or modify the unit; doing so voids the warranty.
- Do not place objects on top of the unit.
- Observe all pressure and temperature limits.
- Avoid contact with corrosive substances.
- Keep the unit away from heat sources.

Flow system



1. Inlet-water valve
2. PP sediment cartridge
3. CTO granular-activated-carbon cartridge
4. UF membrane
5. Faucet

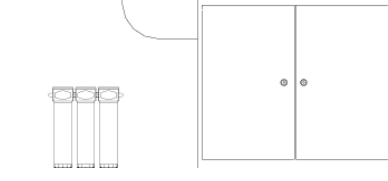
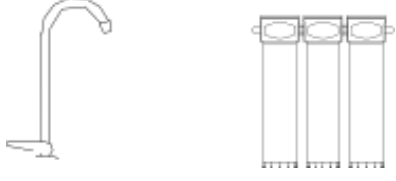
How the system works

Feed water → PP cartridge → activated-carbon cartridge → UF membrane → faucet

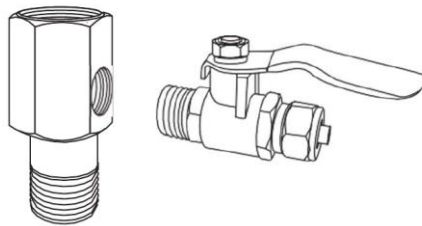
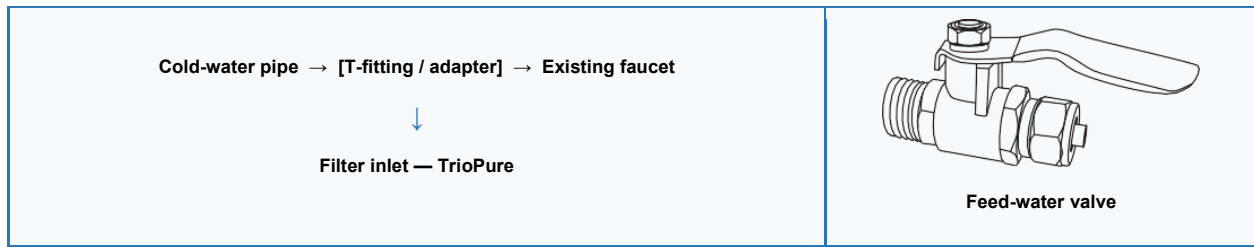
Installation and testing

Unit placement

Install the unit under the sink or on a worktop. If space does not allow, choose another convenient position with access to the cold-water pipe and sufficient room to replace the filters.

		
On the wall	Inside a cabinet	On a worktop

Feed-water connection



1. Install the feed-water valve.
2. Install the T-fitting.
3. Connect the system to the cold-water supply.
4. At initial start-up, open the faucet and flush the cartridges for approximately 10 minutes before drinking the water.

Warning: connect the system only to a cold-water supply.

Caution

- Connect the device only to a potable-water supply.
- Keep the inlet-water pressure between 1 and 4 bar. If it is higher, install a pressure-reducing valve.
- Use only cold potable water as feed water. Hot water damages the unit. Softened feed water extends cartridge life.
- If the unit will not be used for a long time, close the inlet-water valve. Before reuse, perform the same flushing procedure as at initial start-up.

WARRANTY TERMS AND CONDITIONS

The manufacturer's warranty period for the purchased unit is 24 (twenty-four) months. The unit must receive regular maintenance at least once a year.

Warranty obligations are governed by the manufacturer's warranty terms in the technical manual and by the supplier's conditions below. The buyer is responsible for observing the technical specifications and using the product correctly.

The supplier provides a technical manual with each product in the original language unless another language is requested.

Warranty applies only to defects caused by the manufacturer when the product has been used in accordance with the technical manual. In such cases the supplier remedies the defect at its expense.

Warranty does not apply in the following cases

1. The product is mechanically damaged or the manufacturer's labels have been damaged or tampered with.
2. The product has been kept in unsuitable conditions.
3. The product has been disassembled or repaired by the user without authorisation.
4. Damage results from force majeure outside the buyer's and supplier's control, including fire, flood, earthquake, war or monetary reform.
5. If the supplier did not install the product, the buyer must deliver a defective product to the supplier's office during the warranty period. If the supplier's authorised representative delivered, installed, adjusted and commissioned the product, warranty service is provided at the customer's site.

For warranty matters, contact Watex Estonia OÜ.

Contact

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