

Installation and operating instructions

WATEX SILVER

DRINKING WATER ULTRAFILTRATION SYSTEM



Read these instructions before installation and use.

System overview

WATEX SILVER is a compact five-stage direct-flow drinking-water filtration system for cold, microbiologically safe municipal water. It operates on the supply pressure and requires neither electricity nor a drain connection.

Five quick-change filter elements reduce suspended particles, taste and odour compounds, chlorine and, within the stated capability of the UF membrane, microorganisms. Dissolved mineral salts pass through the UF stage.

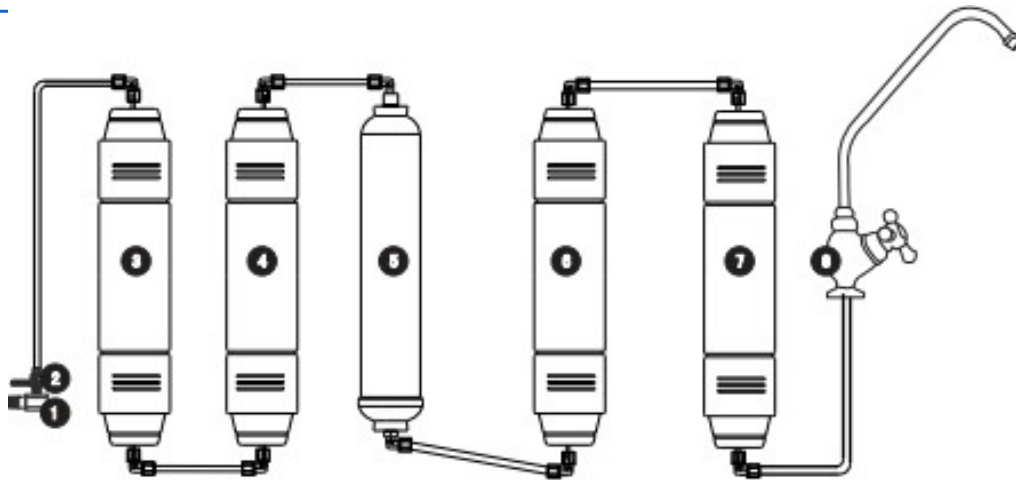
Five treatment stages

1. PP sediment cartridge - retains sand, rust, silt and other suspended particles.
2. Granular activated carbon cartridge - reduces chlorine, taste, odour and organic compounds.
3. Activated carbon block - provides additional sorption and fine-particle reduction.
4. Post-carbon cartridge - polishes the taste of treated water.
5. UF membrane - mechanically retains turbidity, bacteria and other particles larger than its effective pore rating. Performance depends on feed-water quality and membrane condition.

Package contents

- Filtration system with five installed filter elements - 1 pc
- Drinking-water faucet - 1 pc
- White feed-water tube and blue treated-water tube - 1.5 m each
- Feed-water tee, shut-off valve and connection accessories - 1 set
- Mounting accessories and these instructions - 1 set

Components



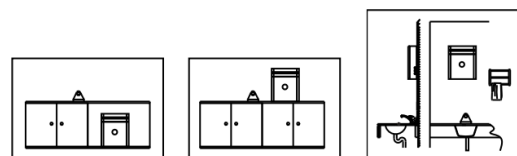
1. Feed-water tee	5. Activated carbon block
2. Feed-water shut-off valve	6. Post-carbon cartridge
3. PP sediment cartridge	7. UF membrane
4. Granular activated carbon cartridge	8. Drinking-water faucet

Technical specifications

Feed-water temperature	2-38 °C
Feed-water pressure	1-4 bar
Treated-water flow	approximately 4 L/min
Ambient operating temperature	5-40 °C
Feed water	cold, potable municipal water
Drain connection	not required

Choosing an installation location

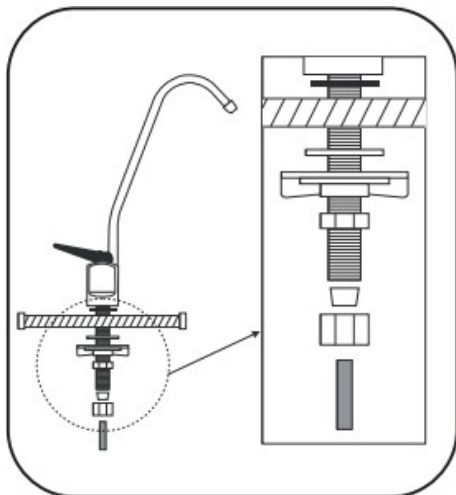
Install the system upright or horizontally inside, on or below a kitchen cabinet. Leave enough space to inspect connections and replace cartridges. Protect the system from freezing, direct sunlight and heat sources.



Installation

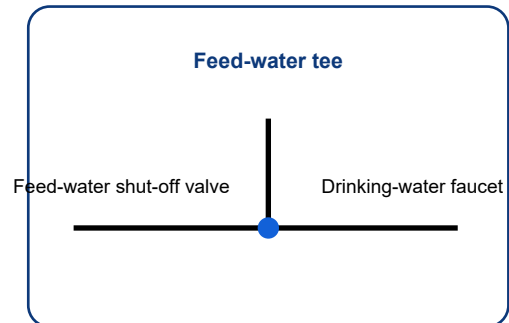
Drinking-water faucet

1. Choose a convenient position near the sink.
2. Drill a 12 mm mounting hole only after checking the worktop and the space below it.
3. Fit the seals, washers and nut in the illustrated order, then tighten without distorting the seals.
4. Connect the blue treated-water tube to the faucet and to the system outlet.



Feed-water tee and shut-off valve

1. Close and depressurise the cold-water supply.
2. Install the tee and shut-off valve on the cold-water line. Use PTFE tape only on suitable threaded joints.
3. Connect the white tube from the valve to the system inlet.
4. Open the supply slowly and inspect every connection for leakage.



Quick-connect tubing

1. Cut the tube square and remove burrs.
2. Push the tube fully into the fitting; install the locking clip if supplied.
3. To disconnect, first close the water and release pressure. Remove the clip, press the collet evenly and pull the tube straight out.

Connect the system to the cold potable-water line only. Hot water can damage the cartridges and UF membrane.

Commissioning and initial flushing

1. Check that all tubes are fully inserted and that the faucet is open.
2. Open the feed-water shut-off valve slowly.
3. Flush the system until the water is clear and for at least 10 minutes after installing new cartridges.
4. Initial carbon fines or fine air bubbles are normal. Continue flushing until the water is clear and free of unusual odour.
5. Close the faucet and check every joint for leaks. Recheck after 15 minutes.

Normal use

After a long period without use, flush the system until the water is fresh and clear. If the premises will be unattended, close the feed-water shut-off valve.

Maintenance and replacement intervals

Intervals are indicative and depend on feed-water quality, water use and changes in taste, odour, flow or turbidity.

PP sediment cartridge	every 6-12 months, or as required
Activated carbon cartridges	every 6-12 months, or as required
UF membrane	every 12-18 months, or as required

Replacing filter elements

1. Close the feed-water shut-off valve.
2. Open the drinking-water faucet and allow the pressure to fall completely.
3. Place an absorbent cloth below the system and open the cover.
4. Disconnect and remove one old cartridge at a time. Install the matching new cartridge in the same position and flow direction.
5. Reconnect all fittings and confirm that every tube is fully seated.
6. Open the feed-water valve slowly, flush for at least 10 minutes and inspect for leaks.



Do not dismantle the system body or modify its connections. Stop the water supply immediately if a leak cannot be corrected safely.



Cartridge replacement video (English)

<https://www.youtube.com/watch?v=IJwg9-yJqQw>

Troubleshooting

Problem	Likely cause	Action
No treated water	Feed-water valve closed or supply interrupted	Open the valve; confirm that cold water is available.
Low flow	Sediment/carbon cartridge or UF membrane is loaded	Replace the affected element; verify feed pressure.
Unusual taste or odour	Insufficient flushing or exhausted carbon cartridge	Flush again; replace carbon cartridges if the issue remains.
Leak at a fitting	Tube not fully inserted, damaged tube end or seal	Close water, depressurise, recut/insert the tube; replace damaged parts.

Safety and service

- Use only cold potable water of known microbiological quality. Untreated well water may require pre-treatment and disinfection.
- Do not allow the system to freeze. Keep it away from direct heat and sunlight.
- Use original or technically compatible replacement elements. Do not operate a damaged system.
- For installation, leakage or water-quality concerns, contact Watex Estonia OÜ.

Warranty and withdrawal rights

The current warranty and withdrawal terms are published on the Veefiltrid.ee website.
Terms may change; always rely on the current version published online.

[Open the current warranty and withdrawal terms](https://veefiltrid.ee/lapa/garantii-ja-taganemisoigus)

<https://veefiltrid.ee/lapa/garantii-ja-taganemisoigus>

For warranty service, retain your proof of purchase and the warranty documents supplied with the product.

Service contact

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