

Operation Manual

4-stage Reverse Osmosis Water

64425, 64426



Illustration similar, may vary depending on model

Read and follow the operating instructions and safety information before using for the first time.

Technical changes reserved!

Due to further developments, illustrations, functioning steps, and technical data can differ insignificantly.

Updating the documentation

If you have suggestions for improvement or have found any irregularities, please contact us.



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Even though, the WilTec Wildanger Technik GmbH has undergone biggest possible efforts to ensure that the operating manual is complete, faultless, and up to date, mistakes cannot be entirely avoided.

If you should find a mistake or wish to make a suggestion for improvement, we look forward to hearing from you.

Send an e-mail to:

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Our postal address is:

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To return orders for exchange, repair, or other purposes, please use the following address. Attention! To allow for a smooth execution of your complaint or return, it is important to contact our customer service team before returning the goods.

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Introduction

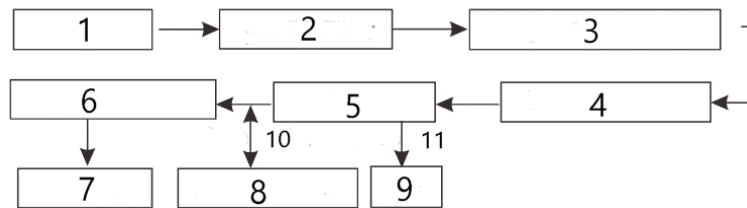
Thank you for purchasing this quality product. **To minimise the risk of injury we urge that our clients take some basic safety precautions when using this device. Please read the operation instructions carefully and make sure you have understood its content.**

Keep these operation instructions safe.

Safety instructions

- This device is intended to operate and function according to the instructions in this manual. It is not designed to work outside the listed specifications, and any attempt to do so or tamper with the device may result in damage to the device and/or personal injury.
- This device is not a toy; keep it out of reach of small children. If the device needs maintenance or repair, please contact your local service technician.
- Ensure the feed water temperature is above 4 °C. Water temperatures below 4 °C can cause ice formation and damage the device.
- Before connecting the device, make sure the power source is correct. Incorrect voltage can cause damage to the device and/or a fire hazard.
- Do not damage the device or use it if the power cord is damaged. A damaged power cord can cause electric shock or fire. If the power cord is damaged, unplug it immediately and do not use the device.
- Read all instructions before starting the installation and operation of the system. Follow all steps precisely to avoid damage to the system or improper operation.
- This system contains filters that need to be replaced at certain intervals. The replacement intervals vary depending on usage; please contact your local dealer.
- Install the system with potable water only, as the system will not function properly with non-potable water sources and may require additional pre-treatment.
- Ensure that the source water pressure is within the recommended range. If the source water pressure exceeds the maximum pressure of 7 bar, a pressure reducing valve may be required.
- Ensure that the source water temperature is between 5 °C and 45 °C. The system will not function properly if these temperatures are exceeded.
- Do not install the system on a hot water source.
- Do not use the system for noticeably contaminated water such as raw sewage or well water.
- This device must not be disassembled, opened, or altered. Tampering with the device can lead to malfunction or damage and will void the warranty.
- Do not cover the device, as this will prevent proper heat dissipation and can lead to damage or fire.
- Do not place any objects on the device, as this can cause damage and leaks.
- Adhere to all recommended operating pressures and temperatures; otherwise, the device will be damaged. Avoid contact with corrosive materials.
- Keep away from heat sources.

System functionality



No	Name	No	Name
1	Feed Water	7	Faucet
2	PP Sediment Filter	8	Pressure Tank
3	Activated Carbon Block Filter	9	Drain
4	Booster Pump	10	Purified Water
5	Reverse Osmosis Membrane	11	Wastewater
6	Inline Activated Carbon Block Filter		

System components

Water flow

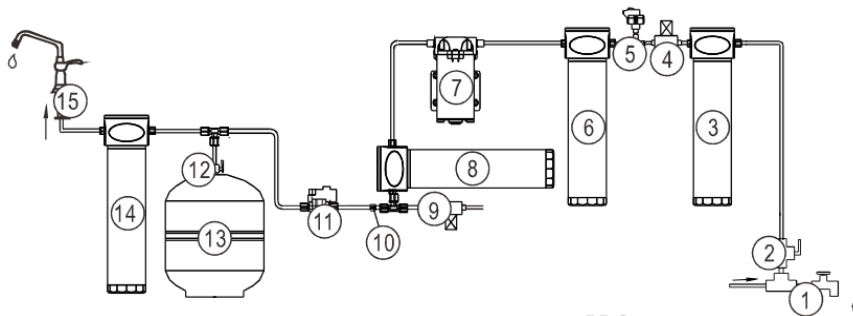


Fig. 1

No	Name		No	Name	
	Fig. 1	Fig. 2		Fig. 1	Fig. 2
1	T-piece		9	Automatic flush valve	Check valve
2	Feed water valve		10	Check valve	Hochdruckschalter
3	PP sediment filter		11	High Pressure Switch	Tank valve
4	Low pressure switch		12	Tank valve	Pressure tank
5	Inlet solenoid valve	Activated carbon block filter	13	Pressure tank	Inline activated carbon block filter
6	Activated carbon block filter	Booster pump	14	Inline activated carbon block filter	Faucet
7	Booster pump	Automatic shut-off valve	15	Faucet	
8	Reverse osmosis membrane				

No-power water flow

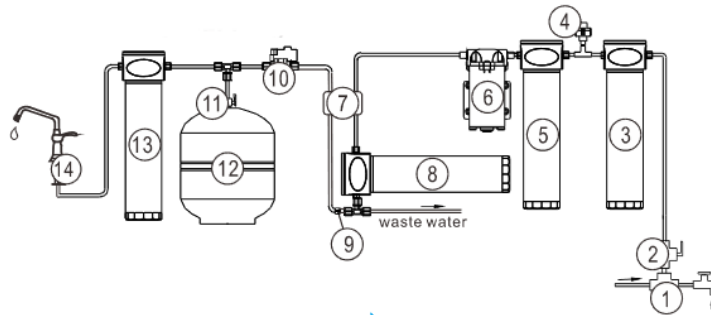
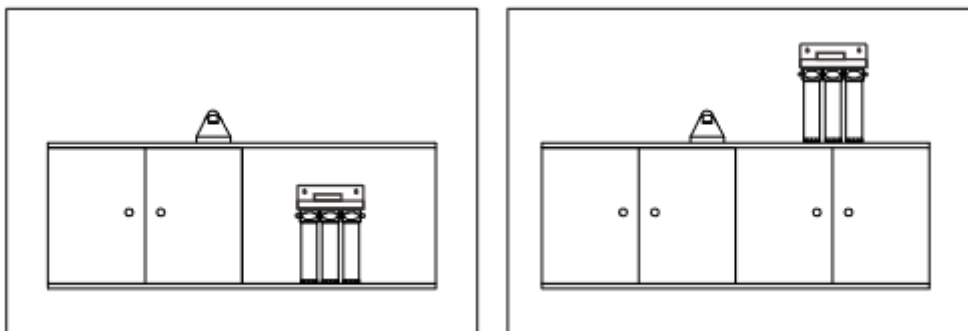


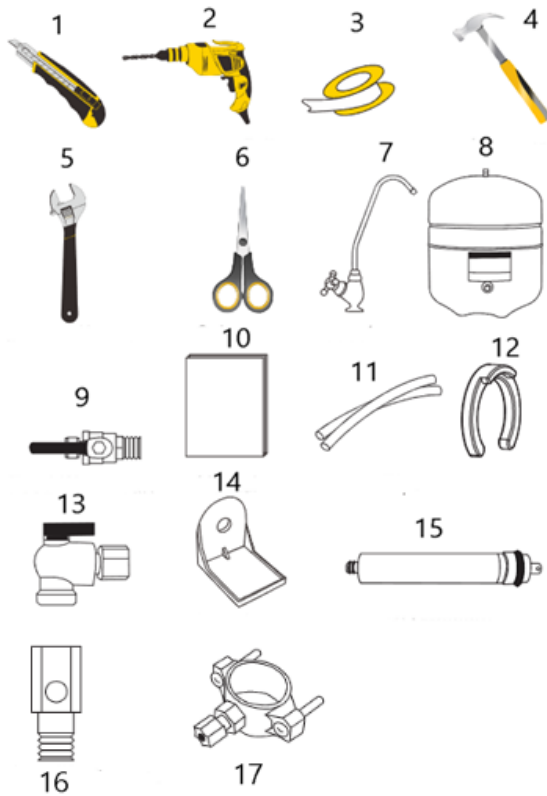
Fig. 2

Placement of units

- This device is designed to be installed under the sink or on the countertop. However, if due to space constraints or other limitations you need to place this device in a suitable location, please ensure that it is accessible and convenient.
- When choosing the installation location, make sure that the cold water line, drain pipe, and power outlet are easily accessible and that there is enough space for filter replacement.



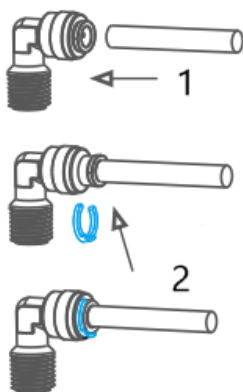
Required tools and parts



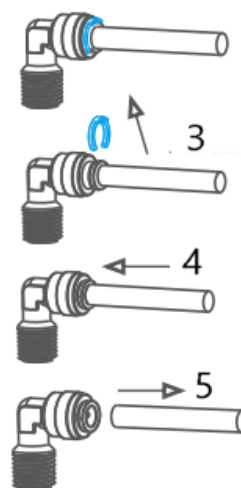
No	Name
1	Knife
2	Electric drill
3	Teflon tape
4	Hammer
5	Wrench
6	Scissors
7	Faucet
8	Tank
9	Feed water valve
10	Instructions for use
11	Water line
12	Clamp
13	Tank valve
14	Faucet bracket
15	Reverse osmosis membrane
16	T-piece
17	Wastewater clamp

Quick connector

Attaching the water line



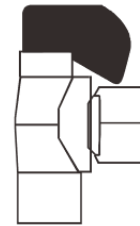
Removing the water line



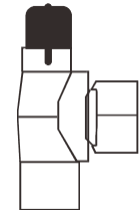
No	Name	No	Name
1	Insert the water line.	4	Release the lock by pressing.
2	Insert the clamp.	5	Pull out the water line.
3	Remove the clamp.		

Pressure tank

- Keep the pressure tank within a 3-meter radius of the faucet.
- If longer hoses are needed, use only ¼" hoses to avoid pressure drop.
- The tank can weigh up to 13.5 kg (30 lbs) when full; place it on a firm and level surface.
- Install the ball valve by screwing it onto the tank and sealing it with Teflon tape to prevent leaks.
- Connect the yellow hose from the post-filter to the pressure tank.
- Apply Teflon tape to the fitting on top of the tank.
- Install the tank valve and tighten it hand-tight.
- Connect the yellow hoses from the system.
- Ensure the valve is open.

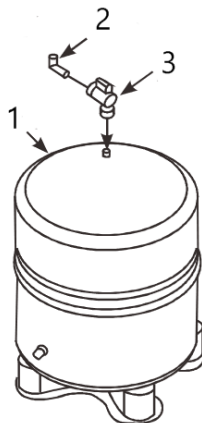


Open



Close

Tank ball valve



No	Name
1	Tank
2	Piping
3	Tank valve

Feed water valve and T-piece

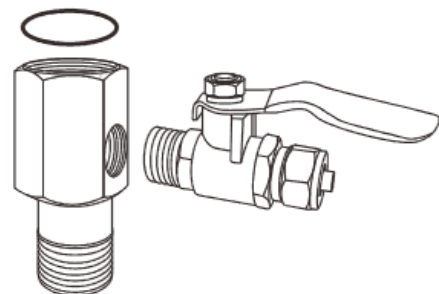
- Install the T-piece and feed water valve as shown in the diagram.
- Wrap the threads of the feed water valve and T-piece with Teflon tape.
- Connect the white feed water hose from the device to the feed water valve.

Installing the feed water valve

Install the T-piece of the feed water valve and connect it to the water source.

Caution! The water supply to your device must come from the cold water line!

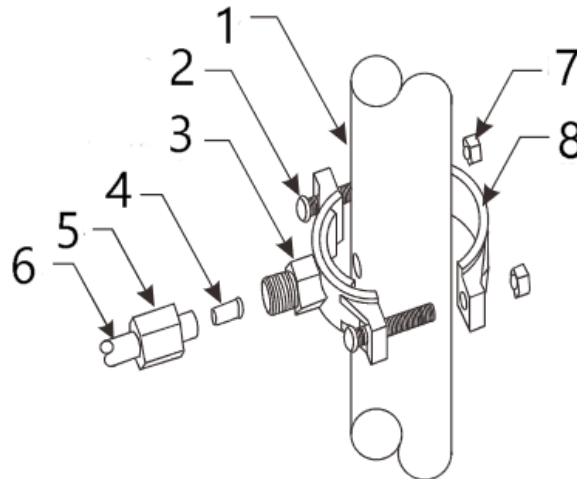
Note! Use only cold, local water as feed water. Hot water will damage your device. Softened feed water extends the lifespan of the reverse osmosis membrane.



Installing the wastewater clamp

- Place the wastewater clamp on the drain pipe above the siphon and tighten it securely.
- Using the wastewater clamp as a guide, drill a 6 mm hole that is large enough to pass the ¼" tubing through one side of the drain pipe. Do not drill through both sides.
- Connect the red wastewater hose from the device to the wastewater clamp.

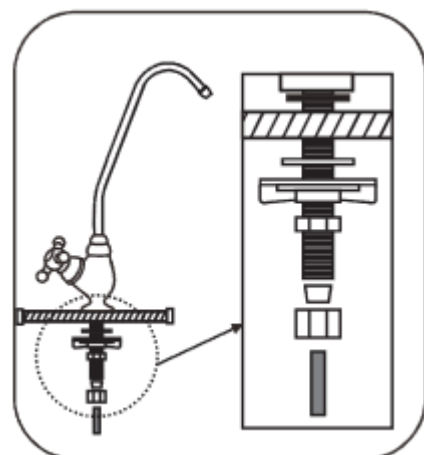
Wastewater clamp assembly



№	Name	№	Name
1	Drain pipe	5	Union nut
2	M6×35 screw	6	Drain pipe
3	Wastewater clamp front panel	7	M6 nut
4	Insert	8	Wastewater clamp back panel

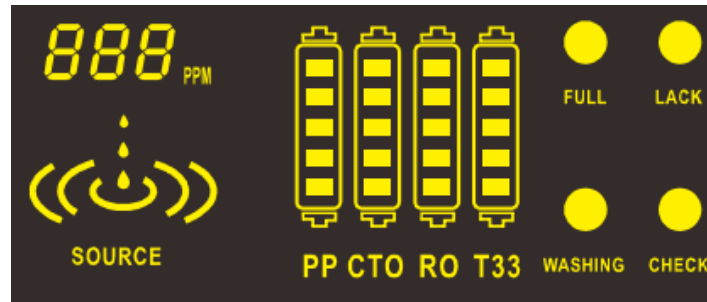
Installing the faucet

- Select a suitable location near your sink for the faucet.
- Drill a 12-mm diameter hole in the countertop.
- Attach washers, plates, gaskets, and nuts in the order shown in the diagram, and tighten them securely on the countertop.
- Attach the blue purified water hose to the bottom of the faucet and connect the hose to the device.



Operation and maintenance

LED display and control panel



- When powered on, the light illuminates brightly, the buzzer sounds once, the screen flashes once, and the system starts operating. During the automatic flush, which lasts 60 s, the washing symbol (Washing) blinks.
- The device is in water production mode when the water production symbol (Source) is displayed. Once the pressure tank is full, the water production symbol turns off, and the full tank symbol (Full) lights up.
- In case of water shortage or insufficient water pressure, the water shortage symbol (Lack) lights up and the buzzer sounds 10 times.
- The machine produces water for a total of 2 hours. During this period, no flushing occurs. After 2 hours, the machine automatically flushes for 30 s.
- The machine stops automatically after 6 hours of water production or if a water leak is detected. Alarm message: The check symbol blinks, and a buzzer sounds.

Filter replacement reminder

- 1st and 2nd filters: after 270 hours – 3rd filter: after 1620 hours – 4th filter: after 540 hours
- Increased water consumption or exhausted filters trigger an alarm, and the corresponding symbol blinks.
- After replacing the filter, press the reset button to reset the filter recognition.

Resetting the filters

1. Press the reset button for less than 3 s to activate the filter selection.
2. Press the reset button again to select the filter you want to reset.
3. The symbol for the selected filter blinks.
4. Hold the reset button for over 3 s to reset the selected filter.
5. After 3 s, a beep confirms the successful reset.

Flush button

1. Pressing the flush button: the buzzer sounds once.
2. Pressing the flush button during flushing stops the flush program.
3. Pressing the flush button during water production or when the water tank is full, flushes the reverse osmosis membrane for 120 s.

Prefilter flushing (initial setup)

1. Disconnect the inlet pipe of the reverse osmosis element.
2. Open the main water valve and the inlet valve, allowing water to run through the prefilters.
3. Dispose of the water that exits during flushing.
4. Continue flushing until the water is clear.
5. Reconnect the inlet pipe.

Caution! The pump and membrane can be damaged if the prefilters are not flushed.

Pressure tank flushing

- Allow the device to operate and fill the pressure tank.
- The tank takes about 3.5 hours to fill.
- Empty the tank by leaving the faucet open.
- Once the tank is empty, close the faucet and allow the tank to refill.

Regular operation

- The device automatically starts water treatment when the faucet is opened.
- It shuts off automatically when the faucet is closed.
- After use, the device automatically flushes if equipped with an automatic flush function.

Filter maintenance

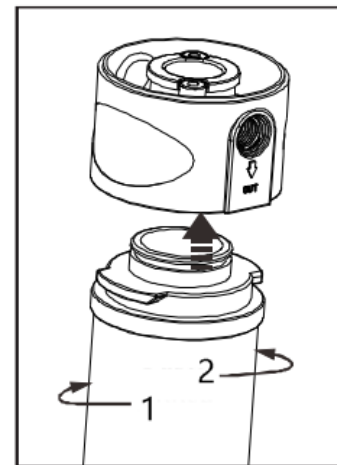
Regular maintenance is required to ensure optimal performance. The frequency of maintenance depends on the quality of the feed water.

- PP filter and block carbon filter: every 3–6 months
- Inline carbon filter: every 6–12 months
- Reverse osmosis membrane: every 18–24 months

For extended periods of non-use, disconnect the device from the power supply. If the device has not been used for a long time, follow the same flushing procedure as during initial setup.

Filter replacement

1. Close the feed water valve.
2. Close the ball valve on the pressure tank.
3. Open the faucet and drain the remaining water.
4. Turn the old cartridge clockwise to remove it.
5. Align the new cartridge and gently insert it into the hole.
6. Turn it counterclockwise to secure the new cartridge.
7. Flush the prefilters after replacement.



No	Name
1	Release
2	Fasten

Technical data

Model	64425	64426
Flow rate (l/h)	7,9	11,9
Quality of the feed water	Municipal tap water	
Power consumption (W)	65	
Temperature of the feed water (°C)	4–38	
Operating pressure (bar)	4	
Max. Pressure (bar)	7	

Troubleshooting

Problem	Possible cause	Suggested solution
No production water	Water supply turned off	Turn on the feed water.
Not enough product water	Water supply blocked	Remove blocking.
	Feed water valve clogged	Clean or replace valve.
	No drainage	Clear or replace check valve.
Pump not running	Low feed water pressure	Check source water supply.
	No power supply or loose connection	Establish power supply.
	Transformer burned out	Replace filter cartridges.
Pump running, but system not producing water	Prefilter clogged	Replace filter cartridges,
	Low feed water pressure	Repair or replace valve.
System does not switch off	Clogged drain flow restrictor	Repair or replace switch.
Abnormal pump noise	Incorrect hose connection	Replace filter cartridge.
	Defective or damaged hoses	Adjust feed water pressure.
No drain water	Water supply turned off	Repair.
Hoses leaking	Water supply blocked	Check/relocate hoses.
	Feed water valve clogged	Replace hose section.

Disposal regulations

EU guidelines regarding the disposal of scrap electric appliances (WEEE, 2012/19/EU) were implemented in the law related to electrical and electronic equipment and appliances.

All WiTec electric devices that fall under the WEEE regulations are labelled with the crossed-out wheeled waste bin logo. This logo indicates that this electric equipment must not be disposed with the domestic waste.

The company WiTec Technik GmbH has been registered in the German registry EAR under the WEEE-registration number DE45283704.

Disposal of used electrical and electronic appliances (intended for use in the countries of the European Union and other European countries with a separate collection system for these appliances).

The logo on the article or on its packaging points out that this article must not be treated as normal household waste but must be disposed to a recycling collection point for electronic and electrical waste equipment. By contributing to the correct disposal of this article you protect the environment and the health of your fellow men. Environment and health are threatened by inappropriate disposal.



Material recycling helps reduce the consumption of raw materials.

Additional information on recycling this article can be provided by your local community, municipal waste disposal facilities, or the store where you purchased the article.

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