THE LOCAL WATER

User Manual

Direct-Flow Reverse Osmosis Water Purifier

TLW 7

The Positive Business Company
www.thelocalwater.com

TLW 7 As of 2025

THE LOCAL WATER

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1. Introduction

Thank you for your trust in choosing this The Local Water® product from The Positive Business Company.

This guide is designed to help you enjoy our product for many years to come.

About This Manual:

In this section, you'll find information on the structure of this manual and explanations of the symbols and icons used.

This user manual contains instructions for operating the The Local Water® ***TLW 7*** water treatment system. Please read this user manual before performing any work with or on the ***TLW 7***.

Our products are constantly being improved. Therefore, design changes made after this user manual went to press could not be included.

If you have any questions, please contact our service department.

1.1. Symbols Used in the Text

The following terms and symbols are used in this user manual to indicate particularly important information.

Danger!
Hazards that pose an immediate risk to people due to electrical energy are marked with this symbol.

Hygiene Notice!
This symbol is used specifically to indicate biological or microbiological hazards that pose a risk of illness or poisoning (e.g., from viruses, mold, or bacteria).

Caution!
This symbol is used to indicate potentially dangerous situations where there is a risk of minor injuries.

Attention!
This symbol precedes warning notices indicating a risk of damage to the device or other property.

Note
This symbol appears before instructions you should follow when working with or on the device.

- A dot before the text means: You must do this.
- A dash before the text means: This is part of a list.

1.2. Safety Instructions

The Local Water® ***TLW 7*** reverse osmosis water treatment system is built in accordance with the state of the art and recognized safety standards. Nevertheless, its use may pose risks to the user or third parties, or may cause damage to the Local Water® ***TLW 7*** reverse osmosis water treatment system and other property.

Use the The Local Water® ***TLW 7*** reverse osmosis water purifier only when it is in perfect working order and in accordance with its intended purpose, while being mindful of safety and potential hazards, and in compliance with the user manual!

In particular, have any malfunctions that could compromise safety rectified immediately! Keep the instruction manual readily available at all times at the location where the The Local Water® ***TLW 7*** reverse osmosis water treatment system is in use!

In addition to the operating instructions, observe all generally applicable legal and other binding regulations regarding accident prevention and environmental protection!

Do not make any modifications, additions, or alterations to the The Local Water® ***TLW 7*** reverse osmosis water treatment system without the manufacturer's approval.

Replacement parts must meet the requirements specified by the manufacturer. This is always guaranteed with original replacement parts.

Observe the prescribed intervals for routine maintenance or those specified in this user manual!

Ensure the safe and environmentally responsible disposal of operating materials, consumables, and replacement parts!

Caution!
The ***TLW 7*** must only be connected by qualified personnel (a plumber).

If using instantaneous water heaters simultaneously, be sure to follow the operating instructions for those units. Always operate the The Local Water® ***TLW 7*** before the instantaneous water heater.

If electrostatic or magnetic water softeners are installed upstream, scale deposits may form, which can cause the membrane to become blocked. We do not provide a warranty for damage caused by such water softeners.

Danger! Electrical contact!
The Local Water® ***TLW 7*** may only be connected to the power supply and turned on when the housing is slid onto the The Local Water® ***TLW 7***!
If, for specific reasons, certain tasks must be performed only with the housing removed and with the The Local Water® ***ITLW 7*** turned on (e.g., adjusting the pressure gauge), then—for your own safety—have qualified personnel perform this work!
Qualified personnel have the specialized knowledge and tools required to perform this work safely!

Warning!
Unexpected leaks can lead to water leakage. Therefore, shut off the water supply to the The Local Water® ***TLW 7*** if you leave it unattended for an extended period of time.
Turn off the The Local Water® ***TLW 7*** and unplug it from the power outlet.

1.3. Intended Use

The The Local ***Water®*** ***TLW 7*** reverse osmosis water purifier is intended exclusively for the production of table water from water suitable for consumption in the household or from private water supply systems.

Any other or additional use is considered improper. The manufacturer is not liable for any resulting damage. The user bears sole responsibility for any risks.

Intended use also includes following the operating instructions and adhering to the inspection and maintenance requirements.

Do not operate the system with water contaminated with bacteria or with water of unknown quality if no disinfection takes place before or after the system!

Do not operate the system **with other liquids!**

Do not expose the The Local **Water®** ***TLW 7*** reverse osmosis water purifier to extreme temperatures. Connect the The Local **Water®** ***ITLW 7*** reverse osmosis water purifier only to the cold water line. The inlet water temperature must be between 4 °C and 25 °C.

The Local **Water®** ***TLW 7*** reverse osmosis water purifier operates without a storage tank. The

electrical connection must comply with VDE regulations.

Please also refer to the warranty provisions in Chapter 15.

The operating instructions must be read and followed by anyone tasked with working with or on the The Local **Water®** ***TLW 7***.

Keep the manual in a safe and accessible place so that it is immediately available in the event of maintenance or a malfunction.

In addition to the operating instructions and the mandatory accident prevention regulations applicable in the country of use and at the site of operation, the recognized rules for safe and proper work, as well as plant regulations and provisions at the installation site, must also be

.

1.4. Definitions

The terms used in these operating instructions have the following meanings:

Raw water:
Water supplied by water utilities through water mains to buildings, or water from on-site water supply systems.

Permeate:

Pure water obtained through reverse osmosis.
The permeate does not necessarily meet drinking water standards (e.g., lower pH), but is partially demineralized water whose salt content (depending on the quality of the feed water) is 5–10% of that of the source water. The permeate is comparable to table water or low-mineral mineral water.

Concentrate:

Water that is separated from the purified water by reverse osmosis and discharged separately. The concentrate is suitable, for example, for watering plants. However, the concentrate is not suitable for human consumption.

Total hardness in raw water:

A measure of hardness components (lime) in °dH (degrees of German hardness).

Conductivity (LF):

The substances dissolved in water conduct electrical current. The more substances present, the higher the conductivity. Conductivity is measured in µs/cm.

Dynamic inlet pressure:

Pressure at the inlet in bar while water is flowing (system in operation).

Retention rate:

The proportion of substances filtered out of the raw water, relative to the salt content.

Calculation formula:

$$\text{Salt retention} = \left[1 - \frac{\text{LF (permeate)}}{\text{LF (raw water)}}\right] \cdot 100\%$$

Example:

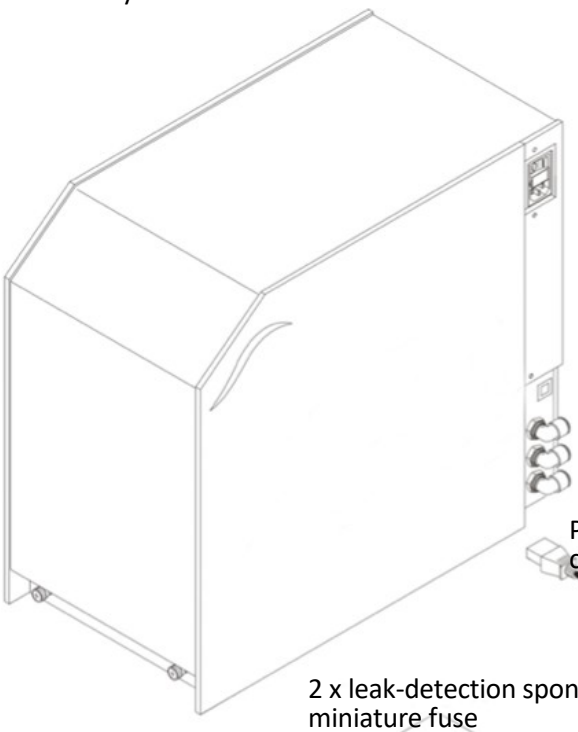
$$\text{Salt retention} = \left[1 - \frac{19\ \mu S/cm}{360\ \mu S/cm}\right] \cdot 100\% = 94.7\%$$

1.5. Scope of Delivery

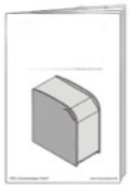
The Local Water® ***TLW 7*** is delivered ready for installation.

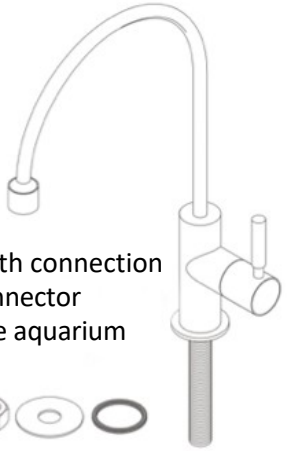
- Make sure all the parts shown are included.
- If any part is missing, contact your authorized dealer.

Ready-to-connect TLW 7



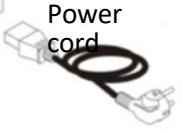
Instruction Manual



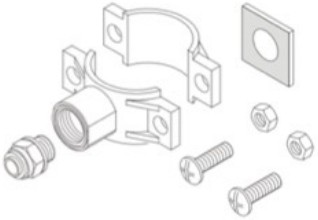


Permeate valve with connection permeate hose connector (not included in the aquarium version)

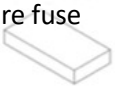
Power cord



Tapping clamp with connector for concentrate hose



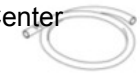
2 x leak-detection sponges



2 x miniature fuse

PA hose, Ø 10 mm for concentrate connection Color: Black Connection: Top

PE tubing, Ø 8 mm for permeate connection Color: Blue Connection: Center



Panzerflex hose, Ø 10 mm for raw water connection Color: Chrome-plated silver Connection: Bottom

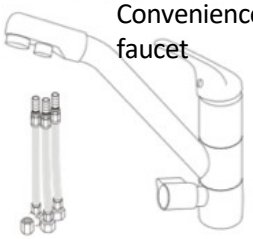
(For connections, see Chapter 2 and following.)

Device valve with backflow preventer for For the raw water connection

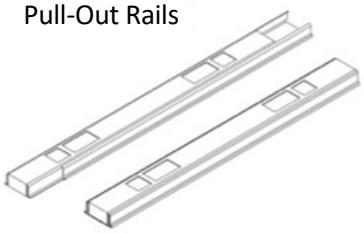
Aquastop

Optional accessories:

Convenience faucet



Pull-Out Rails



1.6. Product Description

The Local Water® ***TLW 7*** is a water treatment system designed for household use that optimizes conventional water through reverse osmosis. The Local Water® ***TLW 7*** connects directly to an existing water line.

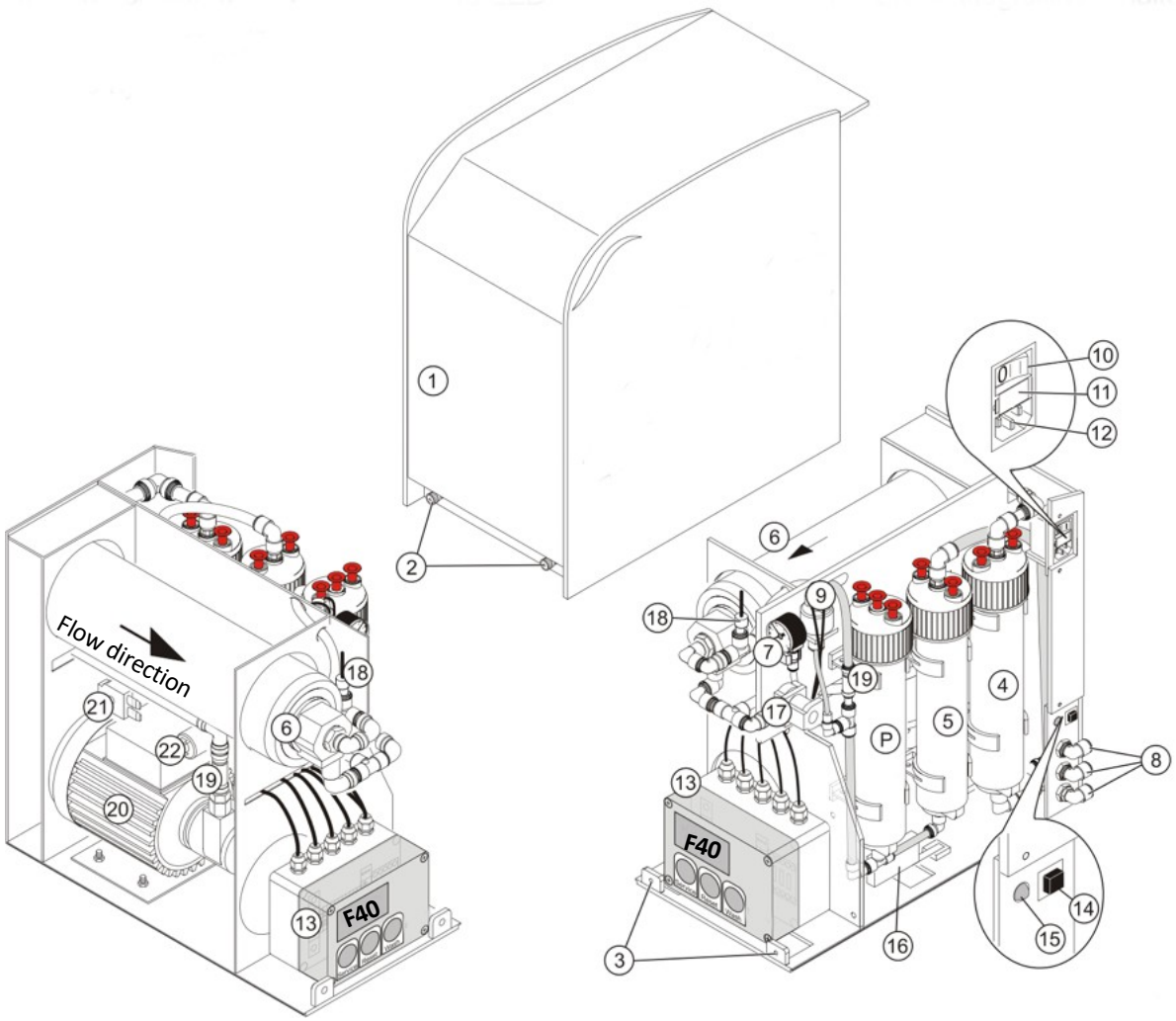
The Local ***Water® TLW 7*** features an electronic control system that manages the start and stop times of the electrically powered pump, as well as safety-related functions.

The water pressure from the drinking water line forces the raw water through the filter systems of The Local Water® ***TLW 7***. The pump additionally forces the pre-filtered water through the reverse osmosis module, thereby increasing its effectiveness. The filter system separates the raw water into permeate and concentrate.

The concentrate is discharged into the wastewater line. The desired permeate can be drawn off via a permeate faucet (separate faucet) or a convenience faucet.

1 Housing
2 Housing mounting screws
3 Mounting screw sockets
4 Prefilter
5 AMF sterile filter (not included …in the aquarium version) 6 Reverse osmosis module (TLW 7 membrane)
7 Pressure gauge
8 Hydraulic connections
9 Pressure switch for system startup
10 ON/OFF switch
11 Fuse holder
12 Power plug connection
13 Control
14 Rinse button
15 LED
16 Leak detector
17 Flush valve
18 Conductivity sensor
19 Check valve
20 Pump
21 Inlet solenoid valve
22 Pressure switch Dry-run protection
P Pressure equalization tank

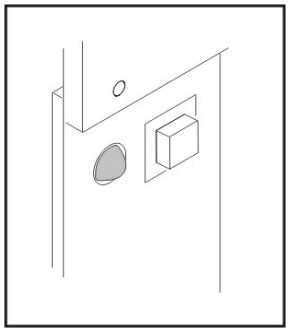
Legend:



1.6.1. The LED

The LED indicates the operating states of the The Local Water® ***TLW 7*** using green or red lights.

Specifically, the light signals mean:

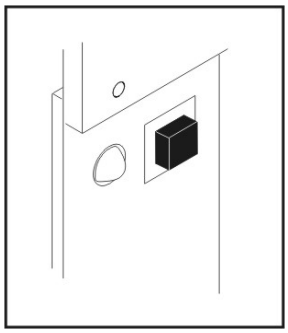


Steady green: Normal operation, no malfunction Fast green flashing: Flushing mode, max. 10 min.

Slowly flashing green: Rinse cycle, max. 20 min. Flashing red: Conductivity limit exceeded.

Alternating red/green flashing: Filter needs to be replaced Solid red: Dry-run alarm or leak alarm

1.6.2. The flush button



The rinse button has two different functions:

- **Starting the rinse cycle.**
- **Deactivating the buzzer in the event of a malfunction.**

1.6.3. The Control Panel

On the front of the control panel **-1-** there is a display **-2-** and the buttons **-3**-. The display readings have the following meanings:

“F.xx”: Remaining service life of the filter cartridge in operating hours.

“–xx–”: Remaining rinse time in minutes.

“Er1” Dry-run protection alarm during water withdrawal.

“Er2” Leak alarm.

“Er3” Dry-run protection alarm during flushing

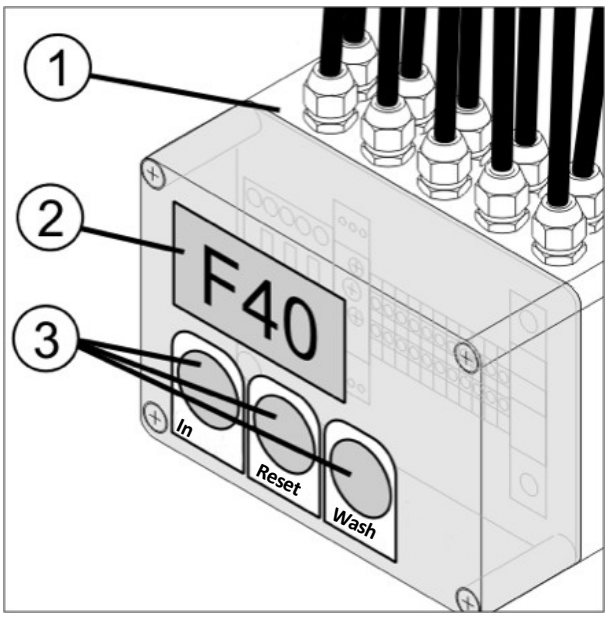
“- -” Change in operating status.

“EEP” Data memory is being cleared.

To clear all memory values (except for the total runtime) and to reset the filter runtime display to its original value

, you must:

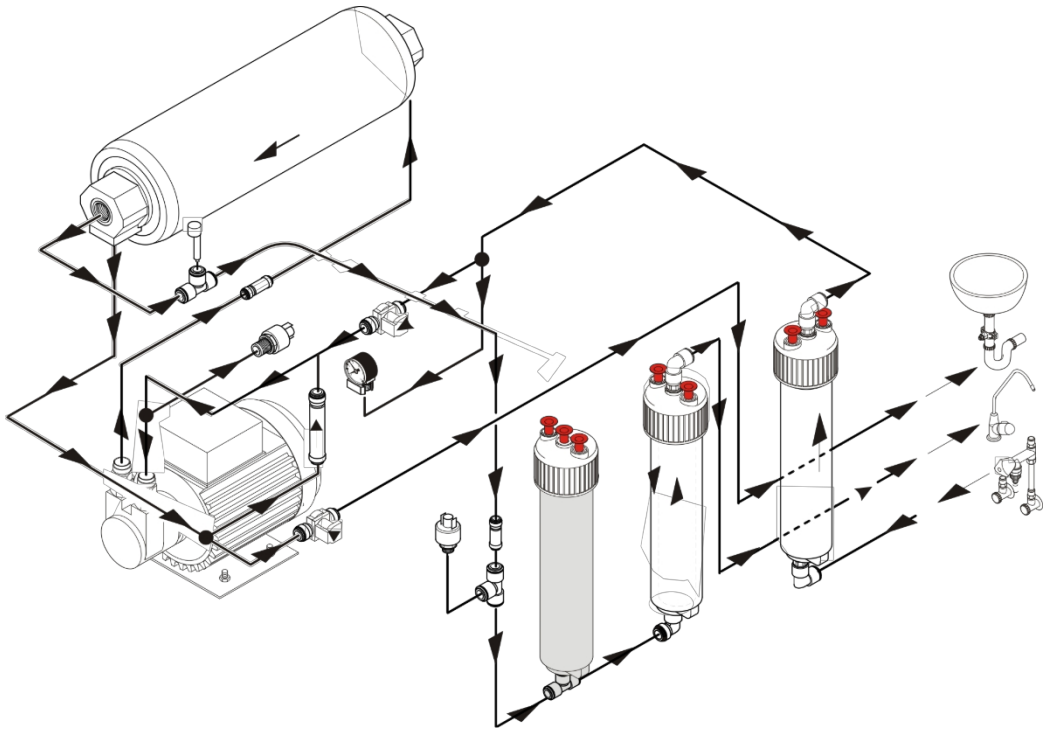
- press and hold the reset button before turning on the The Local Water® ***TLW 7***, or
- In operating mode or standby, press and hold the Service button and the Reset button simultaneously until “EEP” appears on the display.



1.6.4. Technical Specifications

Dimensions:	285 x 500 x 500 mm (W x H x D)
Weight:	18 kg (without water)
Hydraulic Connections:	Raw water: 10 mm reinforced hose Permeate: 8 mm PE hose, blue Concentrate: 10 mm PA hose, black
Electrical connection:	230 volts/50 Hz
Power consumption:	2.3 W in standby mode, 384 W during operation
Inlet pressure	min./max. 2 to 5 bar
Operating pressure (pump pressure):	8 to 9 bar
Operating temperature:	4 °C to 25 °C
Max. total hardness in raw water:	30 °dH
Retention:	90–95%
Permeate flow rate:	approx. 2 l/min at a water temperature of 15 °C and an inlet dynamic pressure of 4 bar.
Yield:	Permeate-to-raw-water ratio 1:2; permeate-to-concentrate ratio 1:1

1.6.4.1. Flow diagram



2. Connection/Installation

Caution!
The Local Water® ***TLW 7*** must only be connected to the raw water supply by trained professionals (plumbers).
Assembly and installation must be performed carefully and conscientiously in accordance with safety and hygiene regulations.

Tools required for connection:

- Phillips screwdriver
- Pipe cutter/hacksaw
- 11.5 mm drill bit
- 6 mm drill bit
- 15 mm wrench
- 17 mm wrench

Danger!
Installation and electrical connections must comply with VDE regulations.

2.1. General Notes

Observe the hygiene requirements.

Hygiene notice!
Keep the area clean.
As a precaution, wear gloves and use clean tools to prevent contaminants from entering the system.

Caution!
The PE/PA connection lines are flexible plastic lines and must be routed so that they are not compressed or stretched.
The hose fittings are made of plastic and can be damaged if you use the wrong tools or if you tighten the hose connectors too tightly.
Tighten the hose connections only with open-end wrenches that have the correct jaw width for the respective hose connector.
Never use pliers! Do not over-tighten the hose connectors.

Caution!
The concentrate must always be able to flow freely. The hoses must not be kinked. The concentrate line must not be shut off with a shut-off valve or solenoid valve.

Caution!
The connecting hoses must be inserted approximately 2 cm into the connectors.

2.2. Installation of the outlet valve

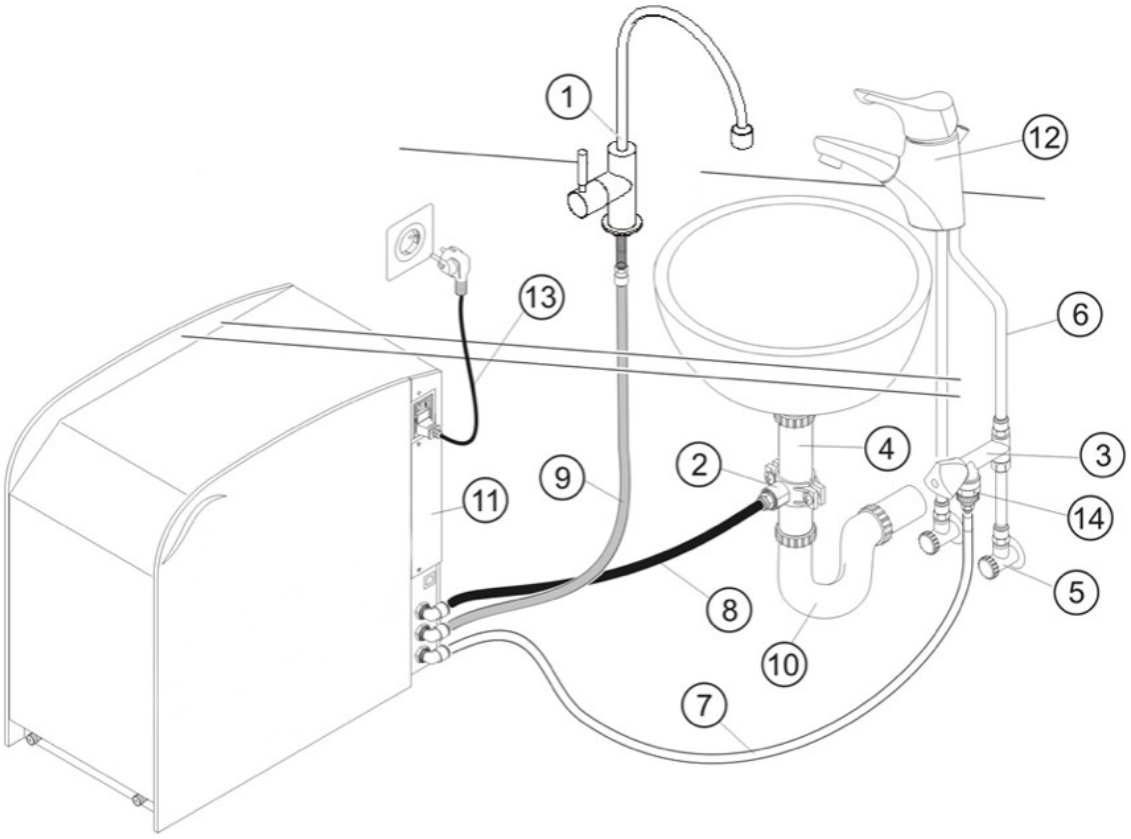
Permeate can be drawn from the The Local Water® ***TLW 7*** in two different ways:

1. Withdrawal from the supplied permeate tap.
2. Withdrawal from a convenience faucet (not included).

2.2.1. Permeate withdrawal from the permeate tap

2.2.1.1. *TLW 7* Connection Diagram with Permeate Faucet

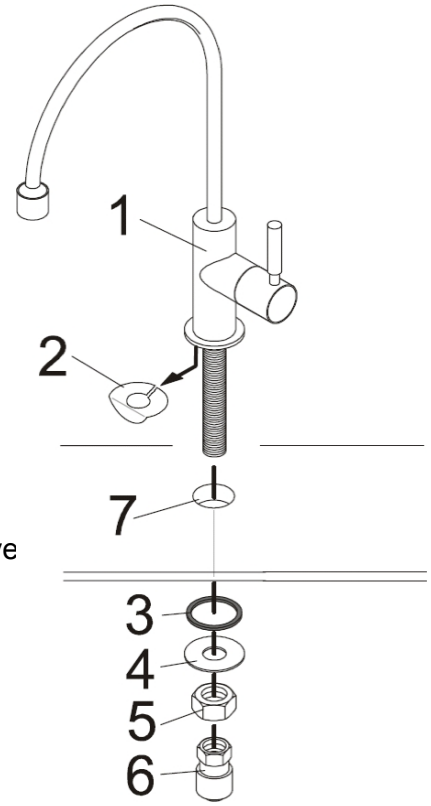
1	Permeate tap	8	Concentrate line
2	Tapping clamp	9	Permeate line
3	Device valve	10	Drain elbow
4	Drain pipe	11	The Local Water® ***TLW 7***
5	Angle valve / cold water line	12	On-site water fixture
6	Cold water line	13	Power cord
7	Raw water line	14	Aquastop



2.2.1.2. Installation of Permeate Faucet

If this connection option is selected, the standard drinking water faucet with its hot/cold water functions remains in place.

The permeate is drawn exclusively from the permeate faucet. The neck of the permeate faucet can be rotated freely 360° horizontally.



- Determine the location of the permeate faucet **-1**-.

Note
The center of the hole **-7-** should be no more than 17 cm from the inner edge of the sink so that any dripping permeate also flows into the sink.

- Drill a hole with a diameter of 11.5 mm **-7-** in the countertop next to the sink, at the location where the permeate faucet **-1-** is to be installed.

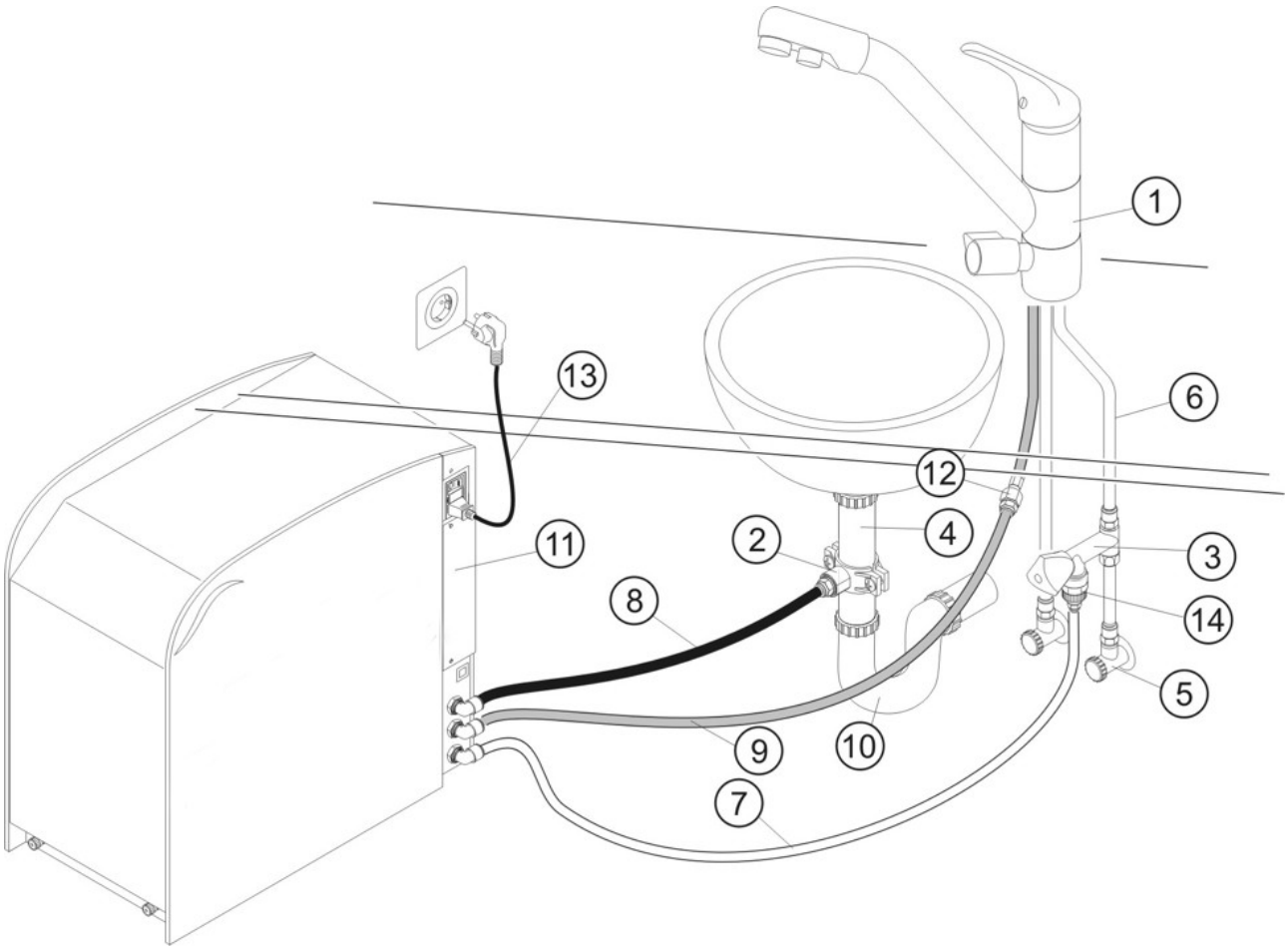
Note
On the underside of the permeate faucet, there is an adhesive ring with a
film **-2**-.

- Remove this film.
- Insert the Permea faucet's threaded rod through the hole **-7-** in the countertop and position the Permea faucet over the hole so that the control lever points in the desired direction.
- Place the sealing ring **-3-** in the center of the washer **-4-** and slide the washer with the sealing ring over the Permeathahn's threaded rod.
- Screw the nut **-5-** onto the Permea tap's thread and tighten the nut.
- Screw the connector **-6-** onto the pipe thread of the permeate faucet.

2.2.2. Permeate withdrawal from the convenience tap

2.2.2.1. Connection diagram for *TLW 7* with comfort tap

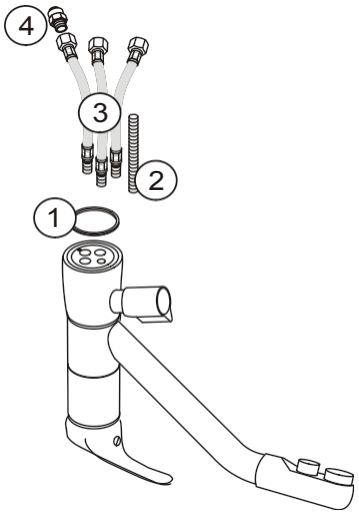
1 Comfort Faucet
2 Tapping clamp
3 Equipment valve
4 Drain line
5 Angle valve / cold water line
6 Cold water line
7 Raw water line
8 Concentrate line
9 Permeate line
10 Drain elbow
11 The Local Water® ***TLW 7***
12 Connector between the permeate line of the The Local Water® ***ITLW 7*** and the permeate line of the comfort faucet
13 Power cord
14 Aquastop



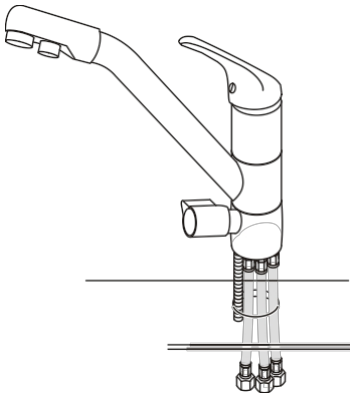
2.2.2.2. Installation of the convenience faucet

With this connection option, the convenience faucet performs the functions of both the standard faucet and the permeate faucet. Raw water (hot/cold) and permeate can be drawn separately from a single faucet.

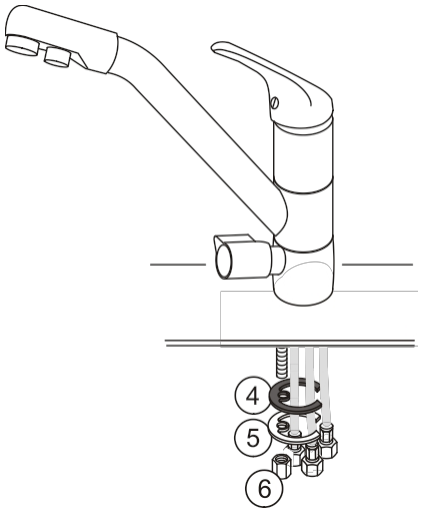
- Close the angle valves and remove the existing faucet.
- Place the gasket **-1-** into the recess on the underside of the comfort faucet.
- Then screw the threaded rod **-2-** and the flexible hoses **-3-** into the threaded holes.
- Tighten the flexible hoses securely with an 11 mm wrench. Screw the connector **-4-** onto the flexible hose that will be used as the permeate line (see image on the right; threaded holes on the underside of the comfort faucet).



- Feed the threaded rod and the flexible hoses through the old hole in the countertop.
- Check that the gasket **-1-** is seated correctly before placing the comfort faucet on the countertop.

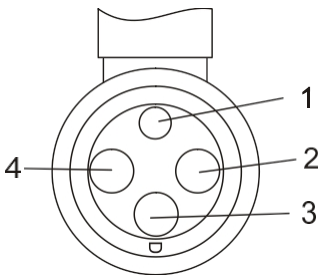


- Place the gasket **-4-** and the washer **-5-** onto the threaded rod.
- Screw the nut **-6-** onto the threaded rod and tighten the nut securely with an 11 mm wrench.



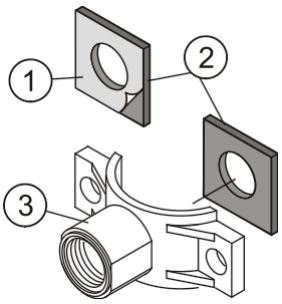
Threaded holes on the underside of the comfort faucet

1 Threaded rod mounting
2 Cold water connection
3 Permeate connection
4 Hot water connection—installation of the tapping clamp

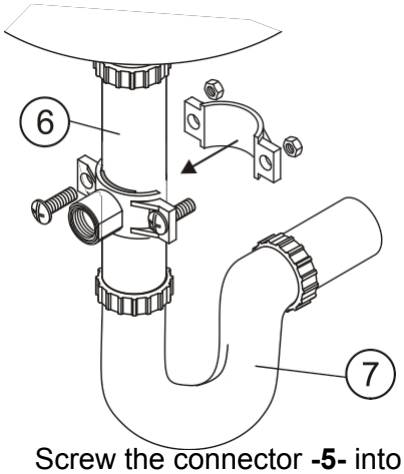


2.3. Installation of the tap-in clamp

- Separate the tap-in clamp.
- Peel off the protective film **-1-** from the gasket **-2-** and stick the gasket into the tap-in clamp **-3**-.

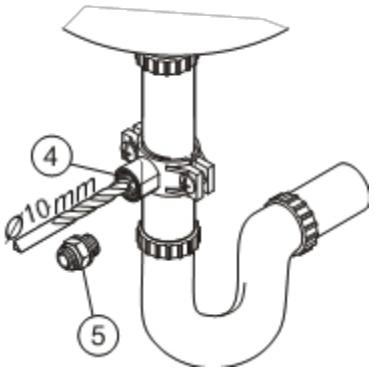


- Place the tap-in clamp on the wastewater pipe **-6-** before the drain elbow **-7**-. Assemble the parts of the tap-in clamp and tighten the screws. Position the tap-in clamp on the wastewater pipe so that you can easily reach the opening of the tapping clamp.

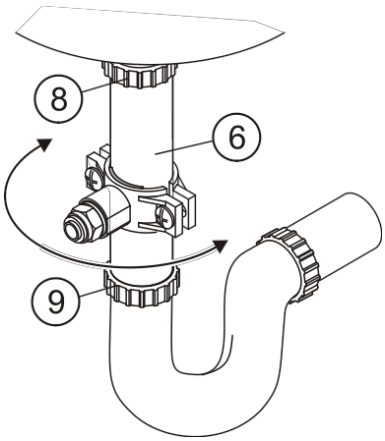


- Drill a 10 mm diameter hole through the opening of the tapping clamp **-4-** into the sewer pipe **-6**-.
- Screw the connector **-5-** into the opening of the tapping clamp.

Caution!
Do not use a drill bit with a larger diameter, as this will damage the thread of the connector! The opening of the tapping clamp has a smaller diameter at the end than at the beginning. Before drilling, make sure the drill bit is positioned directly on the sewer pipe.



- Loosen the screw connections **-8-** and **-9-** on the drain pipe **-6-** and rotate the drain pipe until the tapping clamp points toward The Local Water® ***TLW 7*** or, if necessary, toward an open space.
- Tighten the screw connection on the wastewater pipe again.



2.4. Connecting the Raw Water Supply

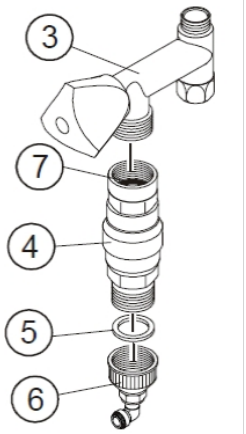
The following procedure should be performed exclusively by a qualified professional (plumber) to prevent damage caused by leaks in the water line!

Caution!
The Aquastop operates reliably at a flow rate of 2 liters per minute or higher.
Minor leaks are not detected by the Aquastop.

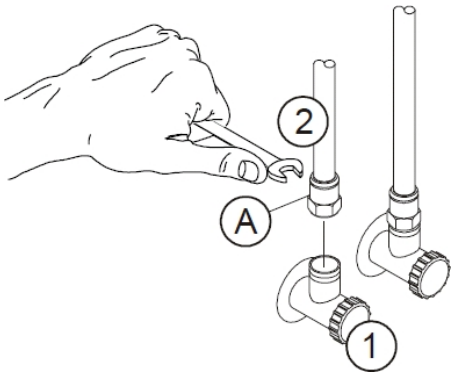
Important!
Installing the Aquastop does not relieve you of the obligation to shut off the water supply during extended periods of inactivity!

An electronic water shut-off is also available (please contact our service department for more information).

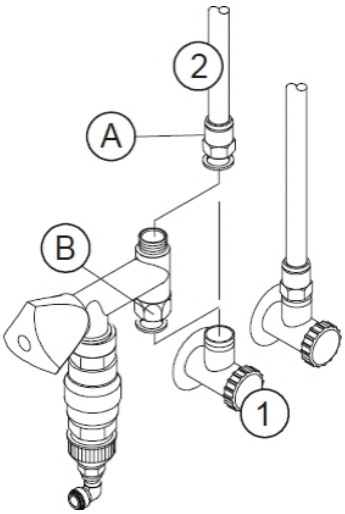
Installing the appliance valve



- Check that the gasket **-7-** is present and undamaged in the Aquastop **-4**-.
- Screw the Aquastop **-4-** onto the thread of the appliance valve **-3-** and tighten the Aquastop by hand.
- Insert the gasket **-5-** into the connector **-6-** and screw the connector onto the thread of the Aquastop.
- Turn on the cold-water faucet and let the water run.



- Close the angle valve **-1-** of the cold-water line **-2-** leading to the faucet by turning the angle valve's handle clockwise until no more water flows from the faucet. Place a cup under the angle valve.
- Loosen the connection **-A-** of the cold-water line **-2-** and disconnect the cold-water line from the angle valve **-1**-.



- Place the gasket into the nut **-B-** of the appliance valve and screw the appliance valve **-3-** slightly onto the angle valve **-1**-.
- Check to make sure the gasket is still in place and undamaged in the nut **-A**-.
- Screw the cold water line **-2-** slightly onto the upper thread of the appliance valve **-3**-.

Note
If the cold water line is made of rigid tubing, it may need to be shortened.

- Align the appliance valve and tighten the two nuts **-A-** and **-B**-.
- Close the appliance valve **-3-** by turning the handwheel all the way to the right.
- Open the angle valve **-1**-.
- Once the water is flowing properly again, close the faucet after bleeding the system.

- Then check the connections for leaks.

If there is a leak in the pipe, use a wrench to retighten the leaking connection. If the leak cannot be eliminated, close the angle valve again and loosen the connection. Check that the pipe is seated properly in the connection and that the gaskets are in place.

2.5. Installation Location

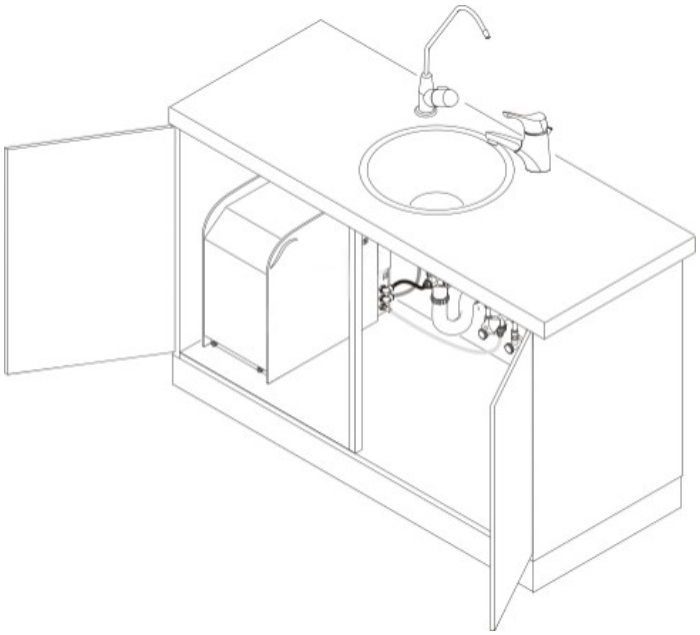
When selecting a location for the The Local Water® ***TLW 7***, ensure that the unit is easily and safely accessible and that the connection side is positioned so that the hose connections are not pinched and future maintenance of the The Local Water® ***TLW 7*** can be performed safely. The Local Water® ***TLW 7*** should be located next to a 230 V outlet that complies with VDE regulations. The surface must be level, dry, firm, and free of obstacles. The Local Water® ***TLW 7*** must be set up so that all feet are in contact with the floor and the ***unit*** is tension-free, secure, and level.

Caution!
If the The Local Water® ***TLW 7*** is not level or free of tension, this may result in damage to the machine or disrupt production.

Danger! Fire hazard!
Choose a location where the The Local Water® ***TLW 7*** is not exposed to high temperatures and
is always kept dry.

There are ventilation slots on the back of the The Local Water® ***TLW 7*** that are necessary for cooling the electrical components. These ventilation slots must always be at a sufficient distance from walls, etc., and must not be covered.

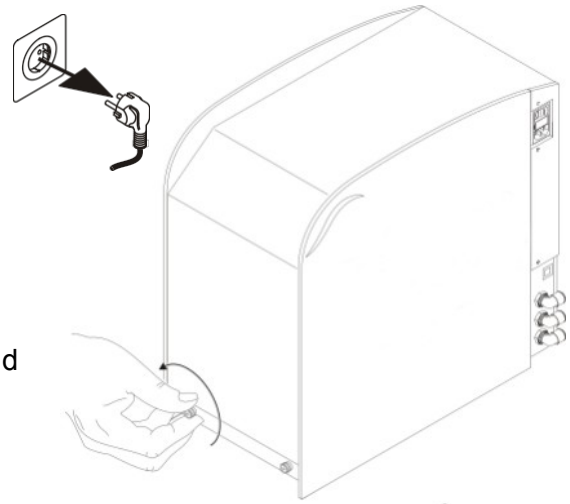
Caution!
The Local Water® ***TLW 7*** weighs 18 kg. Do not carry the Local Water® ***TLW 7*** alone. To prevent injury, have another person assist you when moving it.



2.6. Removing the Housing

DANGER! Electrical hazard!
The Local Water® ***TLW 7*** may only be opened when ***it*** is turned off and the power cord is unplugged from the outlet.

- Turn off The Local Water® ***TLW 7***.
- Unplug the power cord from the outlet.

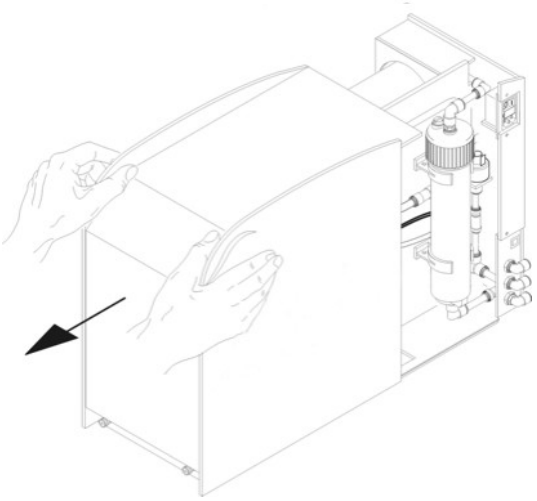


There are two mounting screws on the front of the housing.

- Turn these two screws counterclockwise until they move freely.

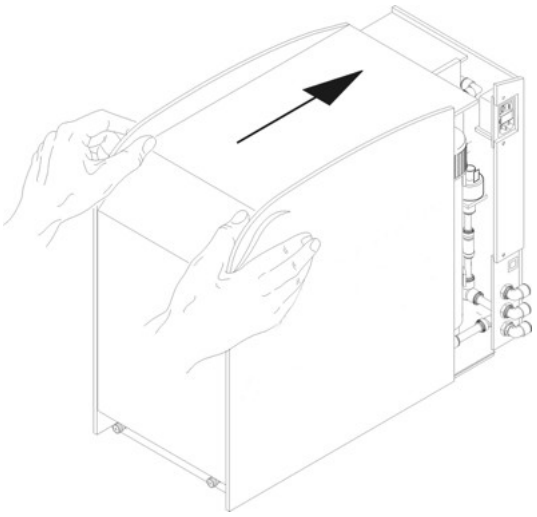
Note
The two screws are held in place by the housing and therefore cannot be lost.

- Remove the housing from the The Local Water® ***TLW 7***.



2.7. Replacing the housing

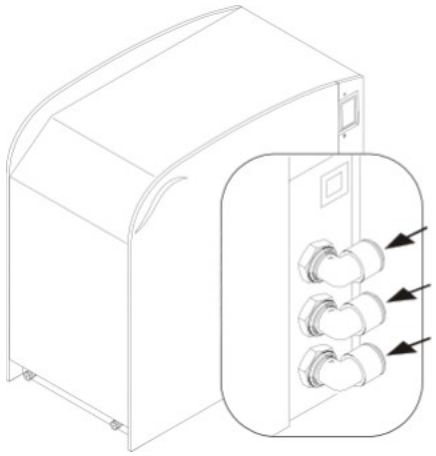
- Position the housing in front of the base plate.
- Then slide the housing onto the base plate
- Push the mounting screws toward the The Local Water® ***TLW 7*** and tighten the screws clockwise.



2.8. Making the Hose Connections

- Place the The Local ***Water® TLW 7*** in the designated location.

Note
Choose a location where the The Local **Water®** ***TLW 7*** stands level and dry and is not exposed to extreme temperatures
(see page 18, “Installation Location”).



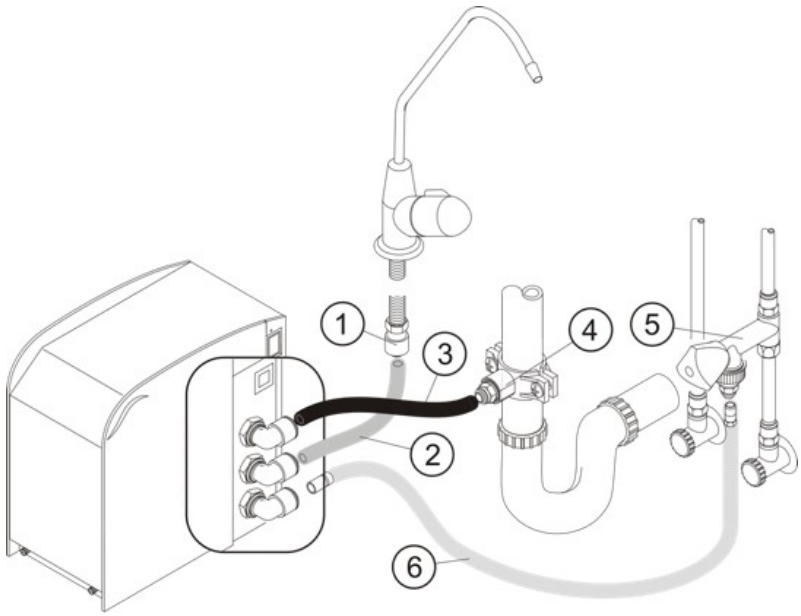
PA hose, Ø 10 mm, for concentrate connection; color: black

PE hose, Ø 8 mm, for permeate faucet connection; optional for convenience faucet connection; color: blue

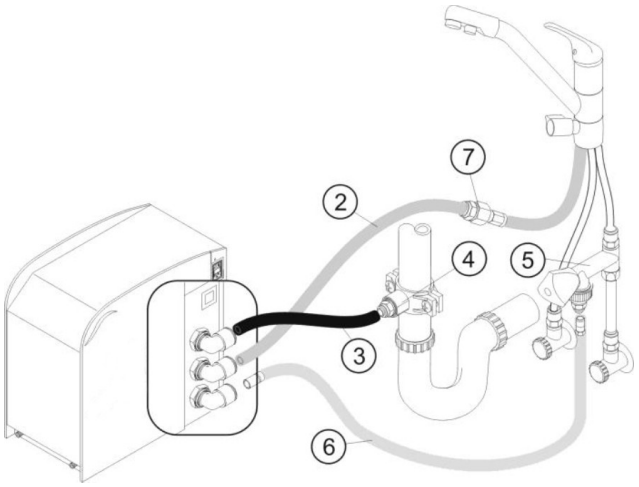
Reinforced hose, Ø 10 mm, for raw water connection; color: chrome-plated silver

2.8.1. Making the hose connections to the permeate faucet

- Insert the PE line (blue) **-2-** into the connector piece **-1-** and the middle outlet of the The Local **Water®** ***TLW 7***.
- Insert the PA tubing (black) **-3-** into the connector piece **-4-** of the tap-in clamp and into the upper outlet of the The Local **Water®** ***TLW 7***.
- Connect the device valve **-5-** and the lower outlet of the The Local **Water®** ***TLW 7*** to the reinforced hose **-6-** (see also Section 2.2.1.1).

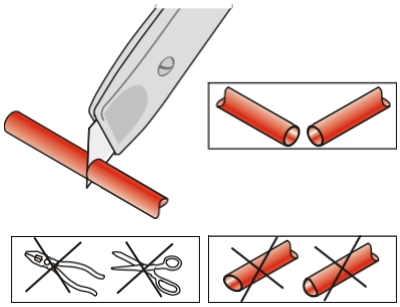


2.8.2. Making the Hose Connections on the Comfort Faucet



- Insert the PE pipe (blue) **-2-** into the connector **-1-** and the middle outlet of the The Local Water® ***TLW 7***.
- Insert the PA pipe (black) **-3-** into the connector **-4-** of the tap-in clamp and into the upper outlet of the The Local Water® ***TLW 7***.
- Connect the device valve **-5-** and the lower outlet of the The Local Water® ***TLW 7*** to the reinforced hose **-6-** (see also Section 2.2.2.1).

2.8.3. Cutting the PE/PA Lines

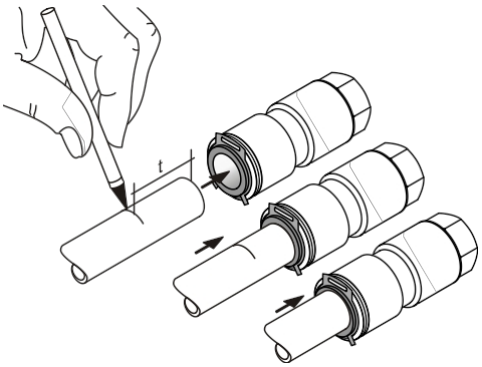


If the PE/PA lines are shortened, the cut must be straight.

- Use a sharp knife to shorten the lines.
- Do not use scissors, pliers, or similar tools.
- Crushed or angled cuts will cause leaks.

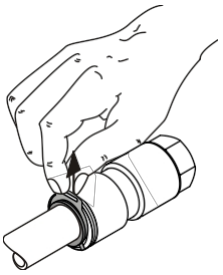
2.8.4. Connecting the Wires

Caution!
When connecting the PE/PA tubing to the fittings, you must feel a distinct resistance point. If this resistance point is not overcome, the tubing will not be securely seated and may be pushed out of the fittings during operation.
Before inserting the hose, remove the red retaining ring and do not reinsert it until after insertion.
Then make sure that all hose connections are equipped with the retaining ring.



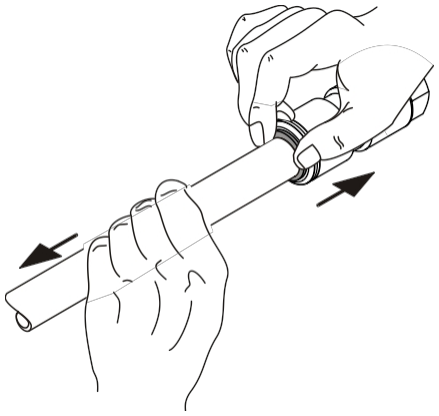
Note
The insertion depth **-t-** of the hoses must be approximately 16 mm for the blue hoses and approximately 20 mm for the black hoses.
As a precaution, mark the insertion depth values on the hoses with a suitable pen.

2.8.5. Disconnecting the Lines



- Remove the red retaining ring.
- Use pliers or a screwdriver if you cannot remove the ring with your fingers.

Caution!
Be careful not to damage the retaining ring. This retaining ring ensures that the The Local Water® ***TLW 7*** functions properly.



- Push the dark gray ring toward the connector.
- Pull the hose out of the connector.

3. Start-up

3.1. Safety Instructions

Danger!
Do not operate the ***TLW 7*** if:

- the installation site is damp
- water is leaking
- any part of the The Local ***Water® TLW 7*** or a hose assembly is damaged
- an electrical cord or the outlet is defective
- the manufacturer's specifications cannot be met

To put the The Local **Water®** ***TLW 7*** into operation, it must be connected to the power supply and the water supply.

Connect the The Local ***Water® TLW 7*** to the power supply only when the ON/OFF switch is set to OFF.

- First, plug the power cord into the port on The Local **Water®** ***TLW 7***.
- Then plug the other end of the power cord into the wall outlet.

Danger! Electrical shock!
The Local **Water®** ***TLW 7*** may only be turned on when the housing is in place on the ***unit***. Initial startup is an exception, as this requires reading the values and adjusting the pointer on the pressure gauge.
The initial flushing and leak test of the components also constitute an exception, as this check can only be performed while the system is running. Do not touch any electrical components!
If water leaks out after turning on the system, shut it down immediately and unplug it from the power source.

3.2. Leak Test

- Remove the housing from the The Local **Water®** ***TLW 7*** (see Chapter 2.6).
- Check that all hose connections are secure.
- Open the angle valve.
- Check the hose connections for leaks.

If water is dripping from the connections, the screw or push-fit connections are not properly secured.

To fix the leak, proceed as follows:

- If water is dripping from one or more connections, close the angle valve and reconnect the hose connections correctly.

If all hose connections are properly connected:

- Flush the filter system (see next page*, "Initial Flushing")*

3.3. Initial Flushing

3.3.1. Safety Instructions: Initial Flushing

Danger!
For safety reasons, the following work may only be performed by qualified personnel. Do not touch any electrical components! Immediately turn off the The Local Water® ***TLW 7*** and unplug it from the power outlet if water leaks out after turning it on.

If water leaks:

- Turn off the The Local Water® ***TLW 7*** immediately.
- Disconnect the The Local Water® ***TLW 7*** from the power supply!
- Only then should you repair the leak.
- Perform another visual inspection while The Local Water® ***TLW 7*** is turned on.

3.3.2. Initial Flushing/Start-up/Maintenance

- Open the angle valve.
- Connect the The Local Water® ***TLW 7*** to the power supply.
- Press the ON/OFF switch on the The Local Water® ***TLW 7*** to the ON position.

An audible signal sounds every second, and the LED glows green continuously.

- Open the permeate valve.
- Press the flush button twice within 2–3 seconds.

Pressing the flush button silences the beep and causes the LED to flash green. This rapid flashing indicates that the filter system is being flushed. The flush lasts 20 minutes and removes fine residual particles from the filter cartridges, as well as disinfectant from the reverse osmosis module.

Hygiene Notice!
This disinfectant is not intended for human consumption and may cause health problems.

Note
Be sure to leave the permeate valve open during the 20-minute flush cycle. The system is not ready for operation and the permeate cannot be used until this flush cycle is complete.

Check for leaks during the flush cycle.

If no water is coming out:

- Turn off the The Local Water® ***TLW 7***.
- Disconnect the The Local Water® ***TLW 7*** from the power supply.
- Slide the housing onto the The Local ***Water® TLW 7.***
- Restore the power supply.

3.4. Adjusting the Pressure Gauge

- Open the angle valve.
- Connect the The Local Water® ***TLW 7*** to the power supply.

Danger! Electrical shock!
The system should normally only be turned on when the housing is mounted on the The Local Water® ***TLW 7***.
This initial startup is an exception, as readings must be taken and the pressure gauge must be adjusted.
Do not touch any electrical components!
If water leaks out after turning the unit on, turn it off immediately and unplug it.

- Press the ON/OFF switch on the The Local Water® ***TLW 7*** to the ON position.

An audible signal sounds every second, and the LED glows green continuously.

- Press the flush button once to turn off the beep (see page 9 for the flush button).
- Note the position of the black pointer on the pressure gauge (see page 8 for the pressure gauge).
- Turn off the The Local Water® ***TLW 7***.
- Use a screwdriver to set the red pointer on the pressure gauge to the value indicated by the black pointer.
- Slide the housing onto the The Local Water® ***TLW 7***.

Note
The pointer positions serve as a reference in the event of a malfunction.

Red pointer:	Value during commissioning/maintenance
Black pointer:	Current value

4. Operation

Danger! Electrical contact!
Do not put the The Local Water® ***TLW 7*** **into operation unless the housing is installed on the** The Local ***Water® TLW 7*****.**

Normal operation

During operation, the LED glows green continuously. The display shows the remaining filter life.

Malfunction

If a malfunction occurs, the control unit emits an audible signal and the LED flashes red/green or remains red.

In this case, press the flush button to turn off the audible signal—though this does not resolve the cause of the malfunction—and turn off the The Local Water® ***TLW 7*** (for more information, see page 39, *"Troubleshooting"*).

4.1. Power On

The Local Water® ***TLW 7*** is ready for operation when it is connected to the power supply, properly wired, and installed.

- Set the ON/OFF switch to ON.

An audible signal sounds every second, and the LED glows green continuously.

- Press the flush button.

Note!
When The Local Water® ***TLW 7*** is connected to the power supply and turned on, the control unit emits a continuous beep every second and the LED glows green steadily to indicate that the filter system needs to be flushed.
Press the flush button and, for hygienic reasons, start flushing the filter system (for more details, see page 27, *"Flushing the Filter System"*).

4.2. Permeate Collection

To access the permeate, simply open the permeate valve.

When the permeate tap is closed, permeate production stops and the filter system is automatically backflushed.

4.3. Rinsing the filter system

4.3.1. Automatic Flushing

If the The Local Water® ***TLW 7*** is left on but not used for 24 hours, the filter system will automatically flush for 2 minutes.

Note!
This flushing is interrupted whenever permeate is drawn.

Another flush is automatically performed for 15 seconds after each permeate withdrawal.

4.3.2. Manually Initiated Flushing

While the The Local Water® ***TLW 7*** is turned on and in operation, you can flush the filtration system to ensure you always have fresh permeate available.

- Press the flush button

Note
If the flush button is pressed once, the ***TLW 7*** flushes for 10 minutes. The LED flashes green. If the flush button is pressed twice in succession within 2–3 seconds, the flush cycle starts for 20 minutes (required during initial setup).
The LED flashes green rapidly.

The filter system is being flushed.

Note
This flushing cycle of the The Local ***Water® TLW 7*** can be interrupted at any time by drawing permeate.

5. Maintenance

5.1. Safety Instructions

Danger!
Turn off The Local Water® ***TLW 7*** and unplug it from the outlet if you need to remove the housing of The Local Water® ***TLW 7*** for maintenance!
Replace the housing on the The Local Water® ***TLW 7*** before turning ***it*** back on!

Caution
Perform maintenance work conscientiously and at regular intervals in accordance with the maintenance schedule.
If maintenance is neglected:

- the filter cartridges will become clogged, which can lead to malfunctions or damage to The Local Water® ***TLW 7***
- the filter cartridges may become contaminated with germs
- the warranty may be voided

The system must be flushed after every replacement of the filter cartridges or the reverse osmosis module!

Rinsing is necessary for hygienic reasons to remove foreign particles from the filter cartridges and disinfectant from the reverse osmosis module.

Hygiene Note!
The disinfectant is not suitable for human consumption and can cause health problems.

5.2. Replacing the Filter Cartridges

The filter cartridges are subject to natural wear and tear and must be replaced regularly to ensure they function properly.

The remaining service life of the filters can be viewed on the control panel display to facilitate timely replacement of the filter cartridges.

If the filter cartridges are not replaced in a timely manner, the The Local Water® ***TLW 7*** will go into fault mode and can only be used with limited functionality until the filters are replaced.

After replacing the filter cartridges, the remaining service life of the filter cartridges must be acknowledged or reset. If the remaining service life is not reset, the control unit will go back into fault mode.

Note
Record the filter replacement in the maintenance log.
Affix the filter label to the appropriate section of the maintenance log and note the replacement date.

The Local Water® ***TLW 7*** is equipped with a prefilter and a sterile filter (post-filter) as standard.

Note
If permeate demand is very high, the filter service life can be adjusted to meet the user's needs. In this case, please contact our service department.

Note
The leakage sponge must be removed before each filter change; otherwise, it may become damp and trigger an error message. Reinstall the leakage sponge after replacing the filter.

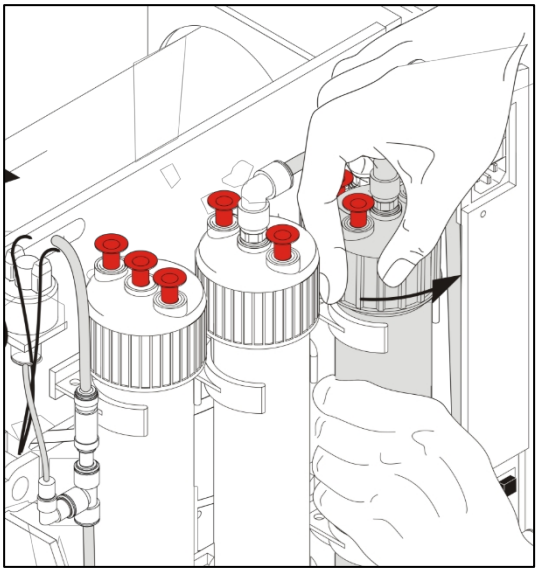
5.2.1. Removing the Filter Cartridges

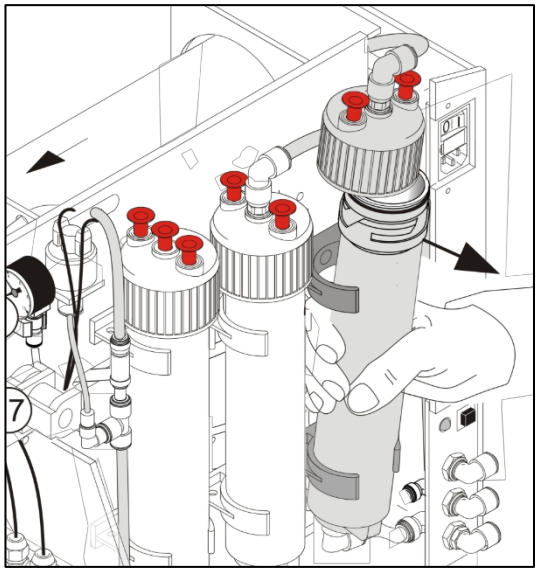
Note
The procedure for removing all filter cartridges is the same.
To replace the filter cartridges, there is no need to disconnect the hose lines.

- Open the permeate valve.
- Close the angle valve to relieve the pressure in the system.

The Local ***Water® TLW 7*** enters fault mode (audible signal/LED stays red).

- Turn off the The Local **Water®** ***TLW 7***.
- Unplug the unit from the outlet.
- Remove the housing from the The Local **Water®** ***TLW 7*** (see Chapter 2.6).
- Hold the filter housing firmly and turn the housing head counterclockwise.



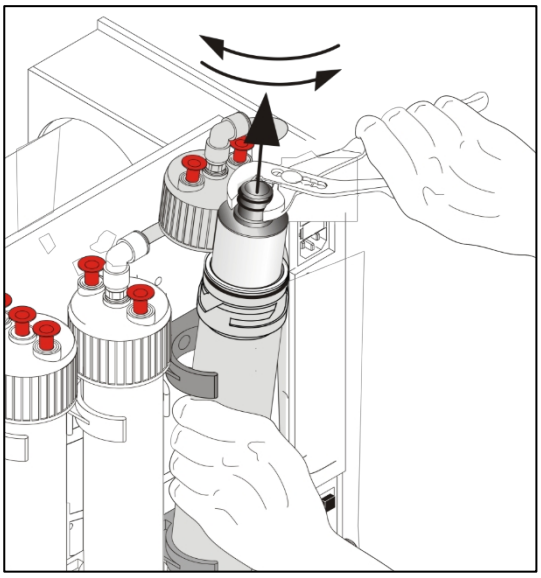


- Lift the filter cap off the filter housing and pull the housing forward.

- Remove the filter cartridge from the filter housing.

Note

Depending on the raw water quality, the filter cartridges may not come out of the filter housings easily.
In this case, use pliers to help.
Grasp the filter cartridge with the pliers and twist the pliers back and forth. If the filter cartridge can be turned, pull it out of the filter housing while continuing to twist it.
Once the filter cartridge has been removed, check the filter housing for dirt and any remaining parts of the filter cartridge (e.g., O-ring fragments).



Caution!
Remove these foreign objects before inserting a new filter cartridge.
Foreign objects can damage the new filter cartridge or adversely affect the performance of the The Local Water® ***TLW 7***.

5.2.2. Installing the Filter Cartridges

- Before installing the filter cartridges, check the filter housings for deposits and other contaminants.
- If necessary, remove these contaminants (see page 38, “Cleaning”).
- Insert the filter element into the corresponding filter housing according to its function.

Caution!
Pay attention to the installation orientation of the filter cartridges. Incorrect installation orientation can cause malfunctions.

Note
For the *prefilter* and the *sterile filter,* insert the side with the two *O-rings* facing *up*!

- Screw the filter cap onto the filter housing.
- Press the filter housing back into the holder.
- Tighten the filter cap securely.
- Reset the remaining service life of the filter cartridges to their original

value. (This work must be performed only by qualified personnel!)

To set the original value, do the following:

- Open the angle valve.
- Hold down the service button while turning on the The Local Water® ***TLW 7***.

Danger! Electrical shock!
Do not touch any electrical parts, as they are live!

The display will show the default value. (F.40 or F.00)

Note
Take this opportunity to check the system for leaks

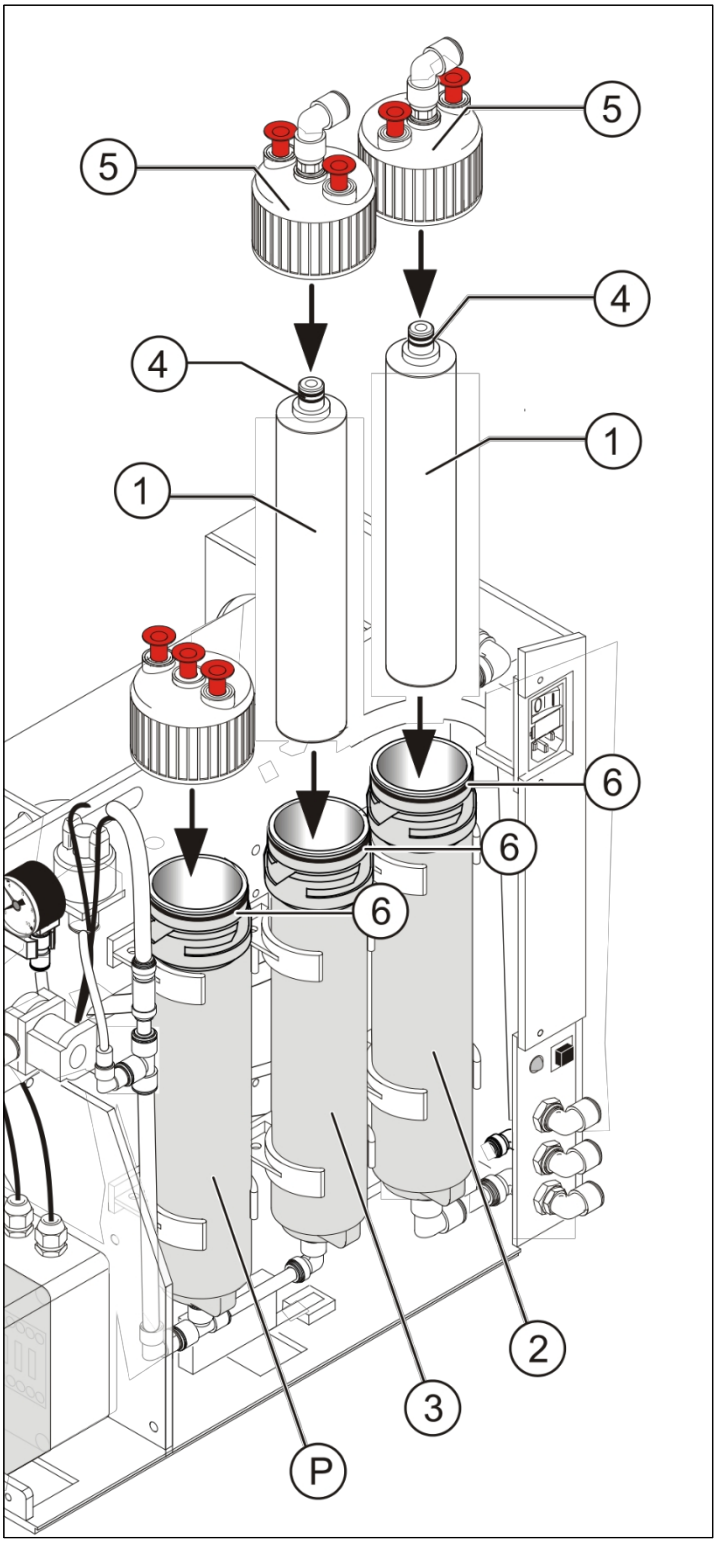
If the display shows the default value and no water is leaking:

- Turn off the system.
- Unplug the unit from the outlet.
- Then slide the housing onto the The Local Water® ***TLW 7*** (see page 19, “Installing the Housing”).
- Plug the power cord back into the outlet.
- Turn on The Local Water® ***TLW 7*** (for more information, see page 26, “Turning On”).

If water is leaking:

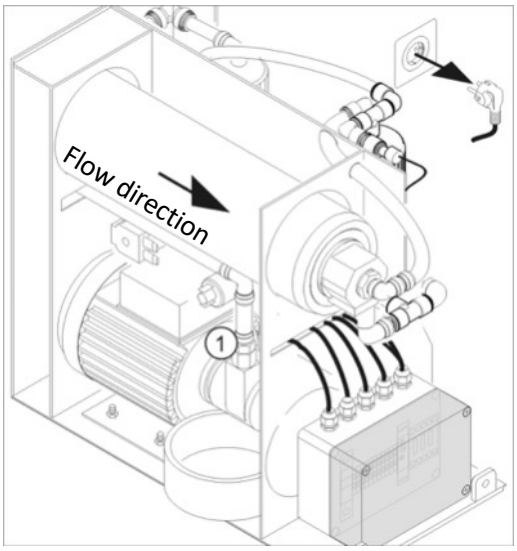
Danger!
Immediately turn off The Local Water® ***TLW 7*** and unplug it from the outlet.
Repair any leaks and check The Local ***Water® TLW 7*** again before
The Local Water® ***TLW 7***.

Legend:
1 Filter cartridge
2 Filter housing Prefilter Core+ OS
3 Filter housing, Sterilfilter Core M OS
4 O-rings for filter cartridge
5 Filter caps
6 Sealing rings for filter housing
7 Pressure-balancing housing (empty)



5.3. Replacing the Reverse Osmosis Module

5.3.1. Removing the reverse osmosis module



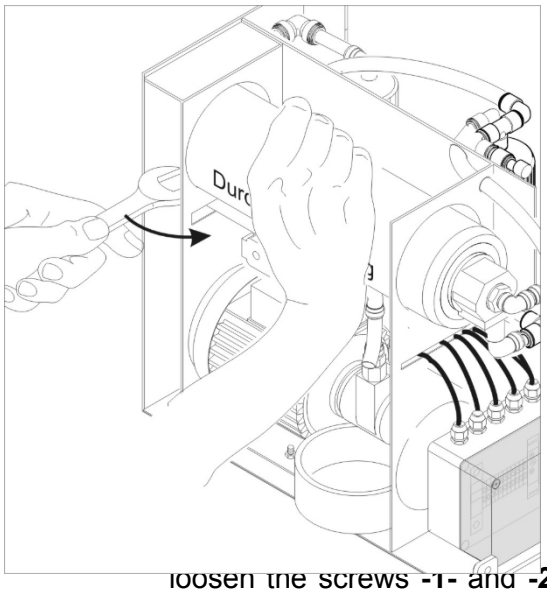
Tools required:

- 26 mm wrench
- Drip tray

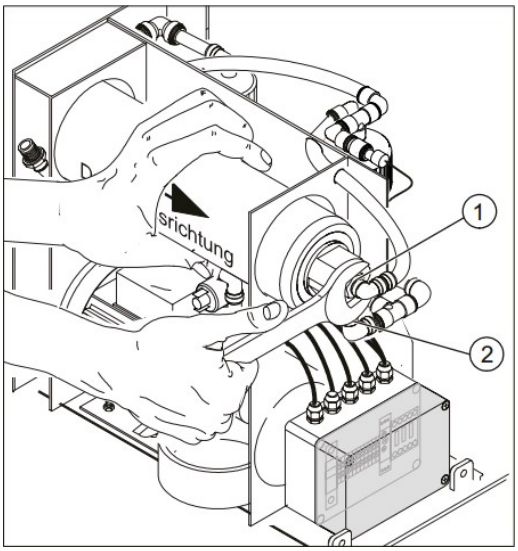
- Open the permeate valve.
- Close the angle valve.

The Local Water® ***TLW 7*** goes into fault mode (audible signal/LED stays red).

- Turn off the The Local ***Water® TLW 7***.
- Unplug the unit from the outlet.
- Remove the housing from the The Local Water® ***TLW 7*** (see page 19, *"Removing the Housing"*).
- If necessary***,*** rotate the The Local Water® ***TLW 7*** to access the access the relevant side.



- Place a shallow bowl under the pump of the reverse osmosis module.
- Disconnect the hose connection **-1-**
- Catch the water as it flows out.
- Hold the reverse osmosis module in place and use a 26 mm wrench to loosen the screw connections on the back of the reverse osmosis module.



- Pull the reverse osmosis module forward as far as it will go to keep dripping water away from the control unit.
- Use a 26 mm wrench to loosen the screws **-1-** and **-2-** on the front of the reverse osmosis module.

- Pull the reverse osmosis module out of the The Local Water® ***TLW 7***.

5.3.2. Installing the Reverse Osmosis Module (TLW 7 Membrane)

Tools required:

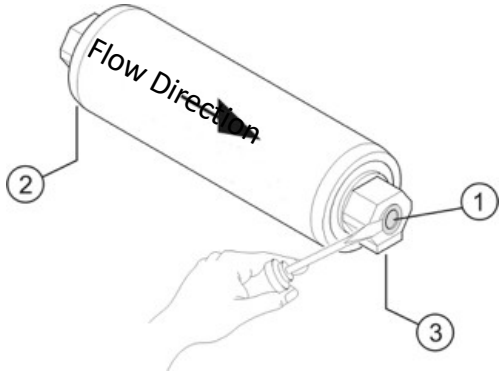
- 26 mm wrench.
- Screwdriver

Caution!

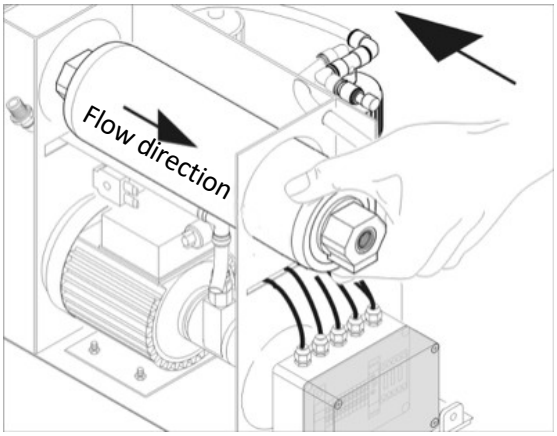
The reverse osmosis module has a specified flow direction, which is marked on the module with an arrow. When installing the reverse osmosis module, pay attention to the flow direction to ensure the device operates properly.

Note

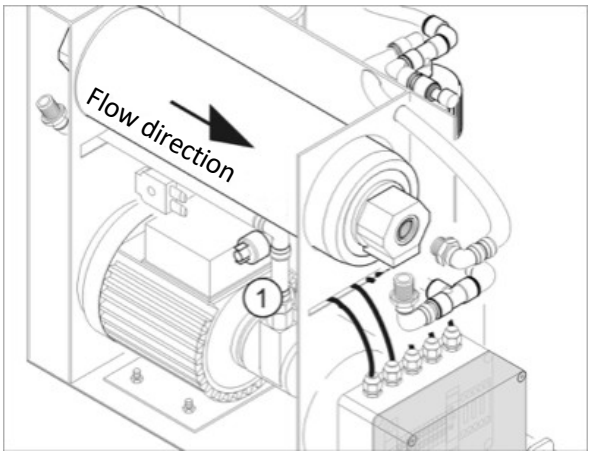
The arrow on the reverse osmosis module must point forward, away from the machine.



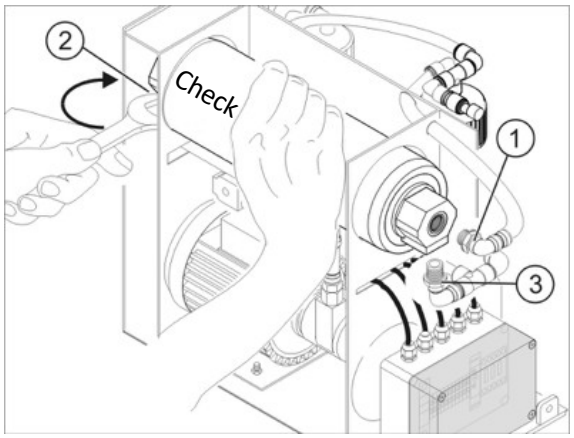
- Remove the three shipping plugs with a screwdriver.
- Slide the reverse osmosis module into the opening of the The Local ***Water® TLW 7.***



- Make hose connection **-1-** (see Chapter 2.8.4 “Connecting the Lines”).



- Hold the reverse osmosis module in place and use a 26 mm wrench to tighten the fitting on the back **-2-** and the fittings on the front **-1-** and **-3**-.
- Check that all fittings are tight.



- Open the angle valve.
- Check for leaks.
- Slide the housing onto the The Local **Water® *TLW 7***.
- Plug the power cord into the outlet and turn on the The Local ***Water® TLW 7*** (for more information, see page 26 “Turning On”).

5.4. Fuses

The Local ***Water® TLW 7*** has two fuses located in a fuse compartment beneath the ON/OFF switch (see Chapter 1.6 *"Device Description"*).

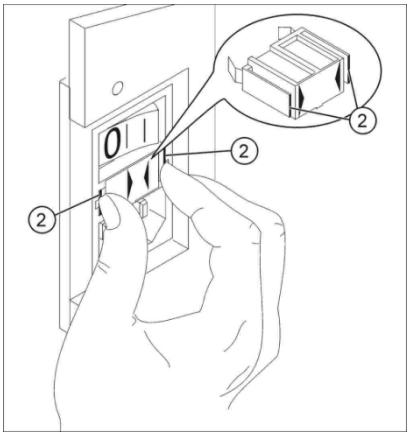
The fuses are defective if the wire inside them is broken or the metal parts of the fuses are oxidized.

In either case, the fuses must be replaced.

Danger! Electrical shock!
Before you replace or inspect the fuses, you must:
- turn the The Local **Water® *TLW 7*** to OFF,
- unplug the power cord from the outlet.

5.4.1. Removing the Fuses

To remove the fuses, do the following:

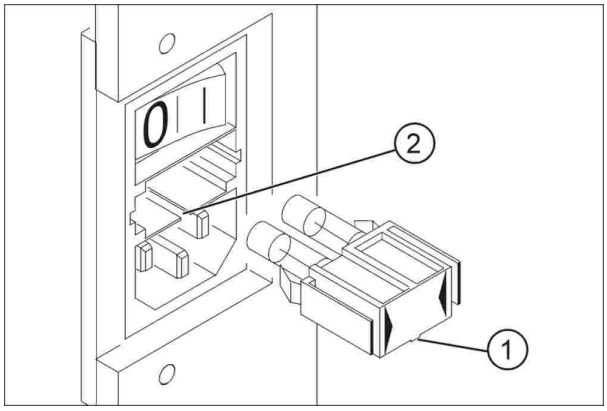


- Press the two retaining clips **-2-** together and pull the fuse holder out of its housing.
- Remove the fuses from the fuse holder (see image on the right).

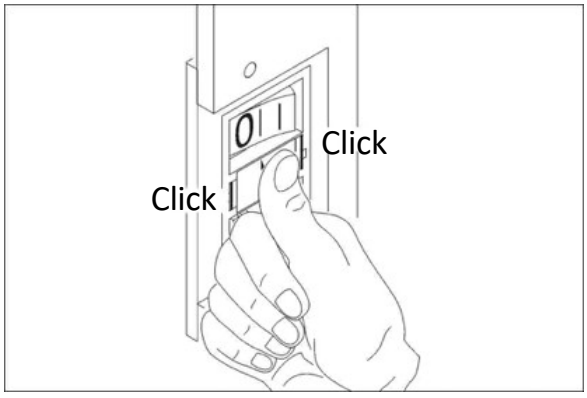
5.4.2. Installing the fuses

- Insert the fuses into the fuse holder.
- Slide the fuse holder back into its housing.

Note!
There is a tab -1- on the bottom of the fuse holder.



- Slide the fuse holder into its housing so that the tab is guided by the slot **-2-** in the housing.



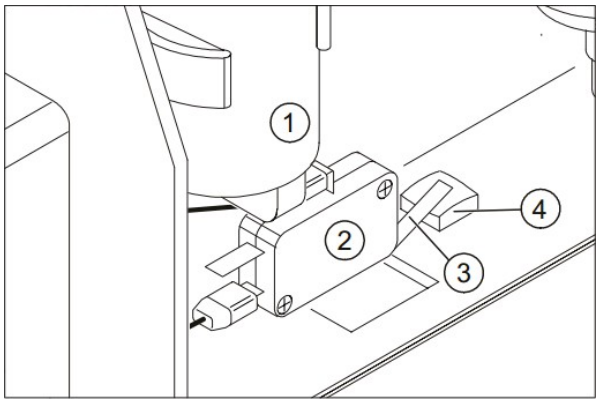
The fuses are spring-loaded.

- Press the fuse holder into the housing until the retaining clips on the fuse holder audibly click into place.

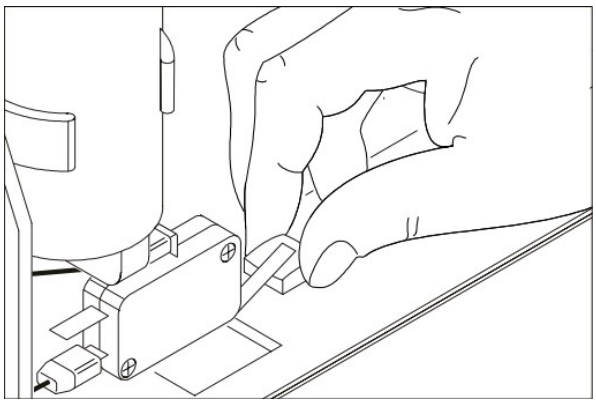
5.5. Replacing the Leak Sponge

The leak detector is located beneath the AMF sterile filter (see page 8, *“Device Description”*). The leak detector has a sensor that rests on a dry sponge. If the sponge becomes damp due to a leak, it swells and the sensor lifts. This lifting action signals a malfunction to the control system.

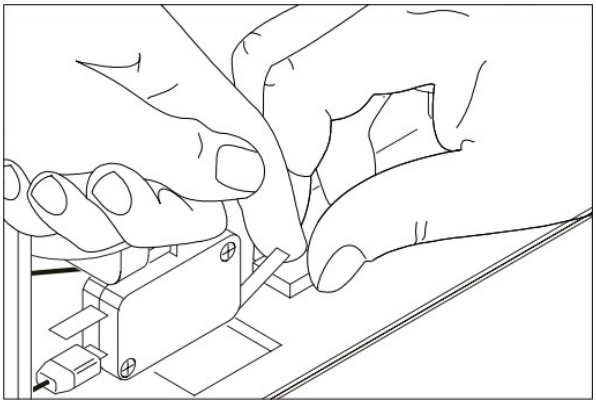
- Dry the base plate of the The Local Water® ***TLW 7*** after you have repaired the leak.



- Remove the damp sponge by pulling it out from under the sensor.



- Take a new sponge from the supplied set and attach it to the base plate so that it lies beneath the leak detector’s sensor.



Note
If the leak detection sponge is stuck to the sensor, moisten the sponge, wait a few minutes, and then remove it.

6. Maintenance Intervals

The service life of the filter cartridges depends on the quality of the raw water.

It may be advisable to replace the filter cartridges sooner than specified:

- if the quality of the permeate deteriorates,
- or the flow rate (permeate output) decreases.

The quality of the permeate can be checked using a TDS meter. We recommend the following replacement intervals:

Core+ OS prefilter:

Replace every 3–6 months, depending on usage and water quality

Sterile filter Core M OS:

Replace every 12 months

Reverse osmosis membrane TLW 7:

Replace after 4–7 years, depending on raw water quality

Disinfection of the entire system:

Every 6 months, along with the pre-filter replacement.

In this case, please contact our service department!

Important!
Properly maintaining the maintenance log is part of the warranty terms. Therefore, when replacing a filter cartridge or a reverse osmosis module, affix the label to the corresponding field in the maintenance log and note the replacement date.

6.1. Maintenance Log

Note
Properly maintaining the maintenance log is part of the warranty terms. Enter the replacement date in the table and affix the filter labels to the designated fields!

Core+ OS Prefilter		**Post-filter Core M OS**		**Optional Filter**
Date	Label	Date	Label	Label/Date

7. Cleaning

Filter: Do not clean the inside of the filter housings with solvent-based or abrasive/gritty cleaners.

Biological hazard!
These cleaners scratch the interior, and contaminants and bacteria can adhere to the roughened surfaces.

Caution!
Do not use cleaners containing solvents or abrasive/gritty cleaners. These cleaners will scratch the housing.

Housing: Clean the housing with a gentle, dry household cleaner.

Danger!
Electrical contact! Fire hazard!
The Local Water® ***TLW 7*** contains electronic components.
Do not clean the The Local Water® ***TLW 7*** with a wet cloth or spray cleaners while the The Local Water® ***TLW 7*** is connected to the power supply.
Always turn off the The Local Water® ***TLW 7*** and unplug it from the power outlet when cleaning the The Local Water® ***TLW 7***.

8. Temporary Storage: Downtime of More Than 2 Weeks:

If the The Local Water® ***TLW 7*** is not in use for more than 2 weeks, the system should be run for 1 hour before using the permeate; the permeate must not be used but must be discarded.

9. Disinfection

For disinfection, please contact our service department.

10. Preservation

Preservation is necessary if the system is shut down for more than 3 months. To preserve the system, please contact our service department

11. Disposal

Dispose of all replaced parts in accordance with applicable local guidelines and regulations.

Note
Replacement filters and reverse osmosis modules can be disposed of with household waste.

12. Troubleshooting

Problem	Possible Cause	Solution
1. **No permeate (pure water) is coming out:**	The system is not receiving water	Check the inlet connection and make sure tap water is flowing into the system.
	The pre-filters are clogged.	Replace the pre-filters
	The reverse osmosis module is blocked	Replace the reverse osmosis module
	The inlet solenoid valve does not open	-The pressure switch for starting the system is defective -The inlet solenoid valve is defective. Contact service here! -Possible water shortage. Increase the inlet pressure. -Turn the system off and then back on. If the malfunction persists, call service.
	Dry-run protection has been triggered	-Low water level! Ensure that there is sufficient flow pressure (at least 2 bar) at the system's inlet. -The prefilter is clogged and must be replaced. -The dry-run protection pressure switch is defective. Contact service! -The inlet solenoid valve is defective. Contact service!
	Pressure booster pump does not start	- The dry-run protection has been activated due to insufficient inlet pressure and is shutting off the pump. Increase the inlet pressure! - Turn the system off and then back on - Pressure switch for starting the system is defective. Contact service here!
	The pressure switch for starting the system is not switching	Contact service here!
	The system is not receiving power	Plug in the power cord and turn on the system.
Re 1. **No permeate is coming out:**	The system's fuse is blown	Replace the fuse at the on/off switch with a new one.
	The control unit is defective	Contact service here!
2. **The system is not producing as much permeate (pure water) as specified**	Water temperature < 15°C	This can occur in winter.
	The post-filter is clogged	The post-filter must be replaced.
	Reverse osmosis module is clogged / scaled	The module must be replaced.

Malfunction	Possible cause	Troubleshooting
3. **3. The permeate conductivity is too high:**	The post-filter is clogged	Replace the post-filter
	The module is clogged	It may be possible to flush the membrane clear by letting the system “run” for an extended period.
	The system has not been in operation for an extended period	The system must first run for approximately 30 minutes. If that doesn’t help, the module must be replaced.
4. **The system does not shut off**		
The pump continues to run even though the faucet is closed	The pressure switch that controls the system is defective	Replace the pressure switch Contact service here!
The pump keeps turning on and off	- The check valve in the permeate line is defective - Leak from the check valve to the outlet	- Replace the check valve - Repair the leak - Replace the faucet
Concentrate (waste water) is flowing even though the faucet is closed. The pump is not running	The inlet solenoid valve is defective/does not close.	Replace the inlet solenoid valve. Contact service for this
5. **The system has a leak:**	Hose connections are not installed correctly.	-Check the system for leaks -Check that the hose connections are secure and pressurize the system again -Check the system for leaks -Replace defective parts
6. **System produces too much permeate (pure water)**	Reverse osmosis module damage	Check the conductivity and replace the module if necessary
7. **System does not flush after a 24-hour shutdown**	-Flush valve defective -Control unit defective -Faulty wiring	-Replace the flush valve -Replace the control unit -Fix the wiring error Contact service here!
8. **Possible errors indicated by an audible signal and displayed both on the control unit’s screen and via the LED**		

Audible signal LED flashes red rapidly Display message: “LEI” 7 “OFL”	-Conductance exceeded (LEI) -Filter clogged (OFL)	-Flush the system for 20 minutes -Replace the prefilter (see item 3 in the “Troubleshooting” table)
Fault	**Possible Cause**	**Troubleshooting**
Audible signal; LED continuously red; display shows: “Er1”/“Er2”/“Er3”	-Dry-run protection (“Er1”) -Leakage alarm (“Er2”)	For instructions, see: -Item 1 -Item 5 in the “Troubleshooting” table
Audible signal LED: Flashing red/green Display: “FIL”	-Maximum operating time of the filter cartridges reached -Filter replacement required	Replace filter cartridges

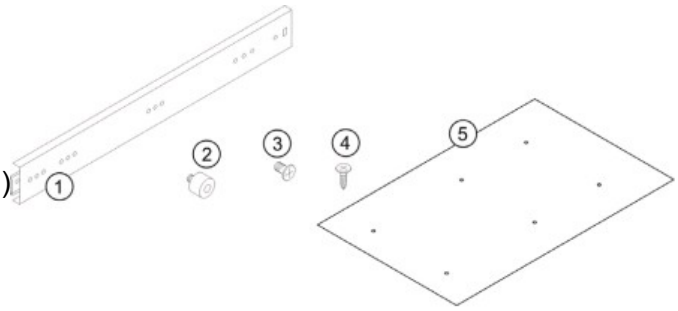
13. Replacement Parts

If you need replacement parts as part of maintenance or to troubleshoot a problem, contact your dealer or our service department
(see page 46, *“Service”*).

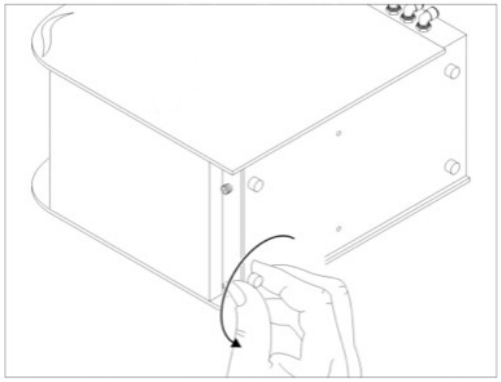
Use only genuine parts, as these are designed specifically for the The Local Water® ***TLW 7*** and ensure safe operation of the unit.

13.1. Installing an optional pull-out rail

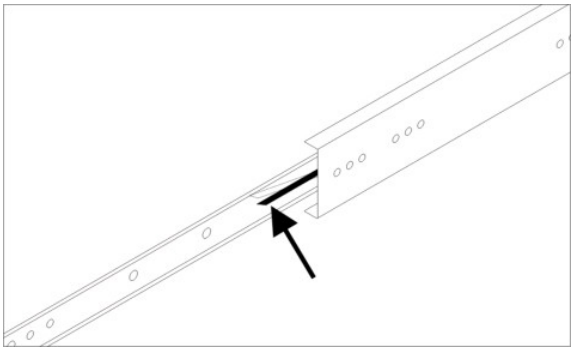
Scope of Delivery



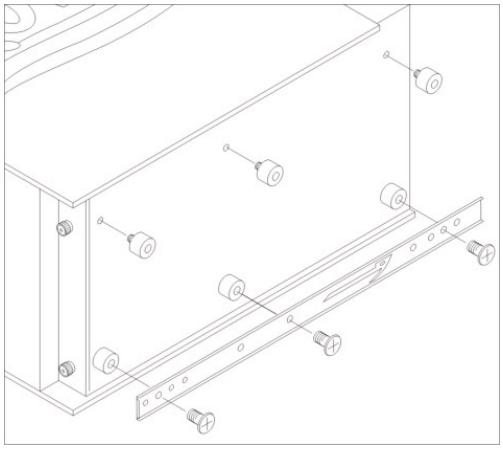
Legend:
1. Sliding rails (2x)
2. Rubber mounts with internal threads (6)
3. Mounting screws (6)
4. Wood screws (6)
5. Drilling template (1x)



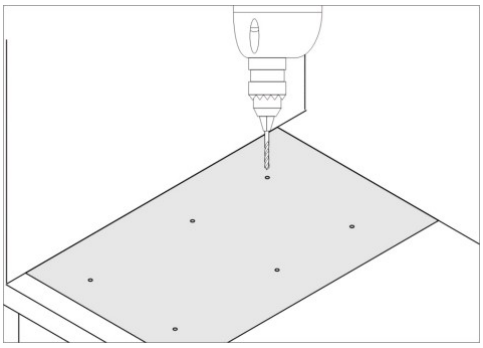
- Lay The Local Water® ***TLW 7*** on its side and unscrew the rubber feet.
- Screw the included rubber feet into the holes.



- Pull the extension rails apart.
- Press the black latch and separate the two rail halves
-



- Screw the thinner rail half onto the rubber feet (three screws per rail)
- Place the drilling template at the location intended for the The Local Water® ***TLW 7***. The template should be positioned so that its rear end is flush with the back of the cabinet.



- Using a 4-mm drill bit, pre-drill holes in the cabinet bottom through the markings on the template (**do not drill all the way through!**)
- Place the wider rails over the holes and secure them with the wood screws.
- Lift the The Local Water® ***TLW 7*** onto the lower rails and slide it backward until the locking mechanism clicks into place.

15. Warranty

The Positive Business Company UG provides a 24-month warranty on the The Local Water® ***TLW*** 7. This excludes wear-and-tear parts such as pre-filter cartridges, filter media, and seals. The warranty claim is void in the event of damage caused by forceful impact or improper handling.

Under no circumstances shall The Positive Business Company UG be liable for any direct, indirect, incidental, or consequential damages, in particular for lack of marketability or fitness for a particular purpose, or for losses resulting from lost profits, etc. Warranties exceeding the mere value of the goods are excluded.

This agreement applies even if The Positive Business Company UG was informed of the possibility of such damages caused by defects or errors in the product or in the user manual.

The Positive Business Company UG assumes no liability for the accuracy and completeness of these instructions for use.

In all other respects, the general terms and conditions of The Positive Business Company UG apply.

A prerequisite for a warranty claim is the regular replacement of the pre-filters, as confirmed by the dealer on the warranty card (maintenance log), compliance with the maintenance instructions, and raw water quality that meets the following values:

Salinity: < 1000 mg/l; scaling index: < 3.0 Iron

content: < 0.1 mg/l; manganese content: < 0.05 mg/l

Strontium and barium: not detectable Concentration

of oxidizing agents: < 0.1 mg/l

Electrical conductivity: < 2000 µS/cm

16. Product labeling

General Information

The Local Water ***TLW 7*** reverse osmosis water treatment system, like all systems from other manufacturers currently on the market, does not have a DVGW (German Technical and Scientific Association for Gas and Water) certification mark, as there are no testing regulations (testing procedures) for these systems.
As soon as a testing procedure for these systems becomes available, the system will be tested in accordance with that procedure.
Nevertheless, this system is designed and built according to the state of the art and can therefore be operated safely and without risk.

Nameplate

The nameplate is located on the back of the ***TLW 7***.

DIN/DVGW certification marks for water treatment systems and devices

Connection of water treatment systems not certified to DIN/DVGW standards to the public water supply network

The “Regulation on General Conditions for Water Supply” (AVB-WasserV) governs the rights and obligations of water supply companies and their customers.

Section 12(4)(a) of this regulation, titled “Requirements for Materials and Equipment,” stipulates
“that only materials and equipment that comply with recognized technical standards may be used.”
Furthermore, it states that for materials and equipment bearing the mark of a recognized testing agency (e.g., DIN/DVGW, DVGW, or GS marks), the regulation presumes that generally accepted technical standards have been observed.

Section 12, Paragraph 4(b) states: “However, Paragraph 4 does not mandatorily stipulate that only materials and equipment bearing the mark of a recognized testing body may be used. The connection customer therefore also has the option of using other materials and equipment.” This applies provided that evidence is provided that equipment or materials without the listed certification marks meet the safety requirements.
The distributor must document these requirements for food safety (LMBG, KTW recommendations) and fitness for use upon request.

The installer therefore has no right to reject water treatment systems solely because they do not bear the mark of a recognized testing body.
The installation of devices without a test mark must be permitted simply because no approval procedure is required by law for water treatment devices.
Since the water utility has a duty to supply all customers with safe drinking water, it has the right to inspect the household plumbing system on a case-by-case basis. However, it may only intervene in private household plumbing to the extent that its condition is likely to have adverse effects on the drinking water network.

The property owner is, in principle—not least out of respect for their property rights—free to choose their plumbing fixtures, including water treatment devices.

The customer is merely obligated to prevent disruption to the public water supply system as a whole or to other customers (Administrative Court of Freiburg, June 12, 1990, Case No.: 6 K 195/89).

This obligation is fulfilled in any case by installing suitable backflow prevention measures. For this purpose, in accordance with DIN 1988 Part 4 and DIN EN 1717, a suitable backflow preventer must be installed downstream of the water meter and upstream of the system, which, in combination with pipe aerators of types C, D, or E, prevents backflow of water. If pipe aerators are not available on site, a pipe separator must be installed in place of the backflow preventer. If untested water treatment systems are to be connected to a private water supply (e.g., a well), the installation of the aforementioned safety measures is not required.

DIN/DVGW certification marks certainly represent a certain state of the art, and they are considered particularly important for installations in Germany. While certification marks from similar associations are also issued in Austria and Switzerland based on comparable criteria, such regulations do not exist in other European countries. The fact that thousands of water treatment systems (water softeners, water dispensers, etc.) have been operating there without any problems for decades—even without the DVGW certification mark—suggests that this mark is not the be-all and end-all.

To ensure consistently hygienically safe water in the drinking water sector, the regeneration of ion-exchange systems (water softening, nitrate reduction) should be performed every 4 days or twice a week, in accordance with DVGW regulations, using the appropriate settings. Necessary maintenance and filter changes for water treatment systems must be performed at least every 6 months.
Systems offered by us that do not bear the DVGW certification mark are likewise constructed from materials that comply with the generally accepted state of the art, so that the above-mentioned requirements are met provided our installation and operating instructions are followed.

17. Declaration of Conformity

in accordance with EC Directive 89/392/EEC

The manufacturer:
The Positive Business Company UG
Am Kaiserkai 69
20457 Hamburg

declares, under its sole responsibility, that our product:
The Local Water® ***TLW 7*** water treatment system
to which this declaration refers, complies with EC Directive 89/392/EEC and meets the relevant and essential health and safety requirements set forth therein.
The standard(s) and/or technical specifications
98/37/EC Machinery Directive; 89/336/EC and 92/31/EC Electromagnetic Compatibility; EN 292-1/EN 292-2 were used to properly implement the safety and health requirements specified in the EC Directive.

Hamburg, April 2025

18. Service

The manufacturer:

The Positive Business Company UG
Am Kaiserkai 69
20457 Hamburg

The retailer:

Customer

Name:

_____

First Name:

_____

Street:

_____

ZIP Code:

_____

City:

_____

State:

_____

Phone:

_____

Date of purchase:

_____

The Local Water® *TLW 7*

Date of manufacture:

_____

Serial number:

_____

Reverse Osmosis Module Number:

_____

Dealer/Date/Signature/Stamp

_____

THE LOCAL WATER

Quick Installation Guide

1. Unpack the The Local Water® ***TLW 7***

   Unpack it and read the user manual.

2. Assemble the components:
   - Install the permeate tap (see page 12)
   - Install the tap-in clamp (see page 16)
   - Connect the raw water supply (see page 19)
   - *Set up* the Local Water® ***TLW 7*** *at the selected installation location (see page 18)*
   - Connect the hoses (see page 20)
3. Remove the housing (see page 19)
4. Open the angle valve
5. Check the system for leaks (see page 23); if there are no leaks:
6. Start the initial flush (see page 24). To do this:
   - Connect the Local Water® ***TLW 7*** to the power supply (see page 23):
   - Open the permeate tap
   - Turn on The Local Water® ***TLW 7*** (see page 26)
     An audible signal sounds and the LED glows green continuously
   - Press the flush button twice quickly (see page 9 for the flush button)
     • The beep stops and the LED flashes green
     • The filter system is flushed for 20 minutes
       After flushing, the system starts up
     • Let it run for 2 minutes, then:
7. Close the permeate valve
8. Replace the housing
9. Open the permeate tap: The system delivers the desired drinking water

The Local Watet® *TLW 7*

The Positive Business Company UG
www.thelocalwater.com