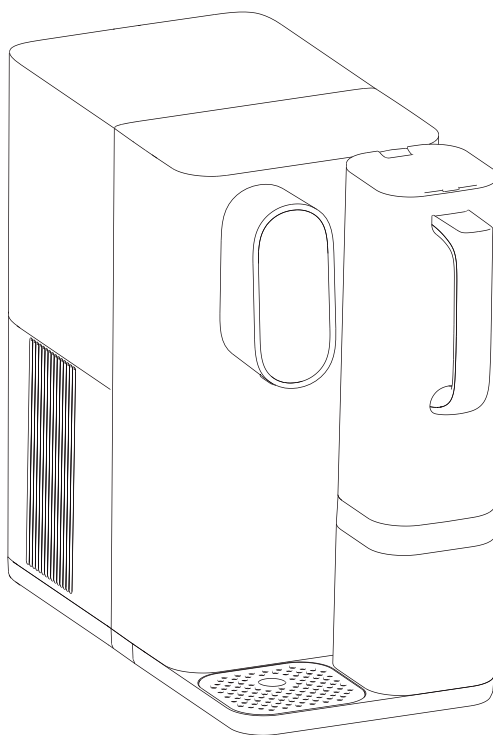




User & Care Guide



**Countertop Reverse Osmosis Water Purifier
Instant Hot, Chilled & Purified Water**

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1. General & Safety Precautions

1.1 Before Using

Carefully unpack the product and remove all components. Verify that all items are included and in good condition according to the packing list.

IMPORTANT: If any item is missing or damaged, do not attempt to use the product. Please contact the Leysern customer service team at support@leysern.com for immediate assistance.

1.2 General

Please read this manual thoroughly before installing or operating your countertop reverse osmosis water purifier. Ensure your water supply aligns with the following specifications; failure to comply may impair system performance and void the manufacturer's warranty.

Feedwater	Municipal Tap Water
Feedwater Temperature	41–100°F
Operating Ambient Temperature	41–100°F
Operating Ambient Humidity	≤90% @ 77°F water temperature

This product is designed for indoor residential use only and is intended for countertop installation.

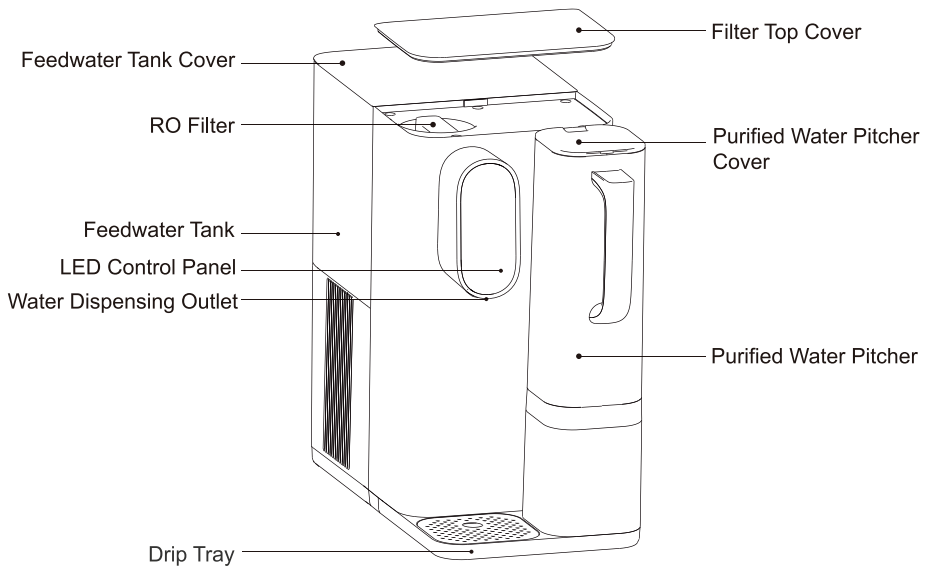
IMPORTANT: Run a flush cycle before first use, after installing a new filter, or after retrieving a filter from the refrigerator. Do not drink flushed or drained water.

1.3 Safety Precautions

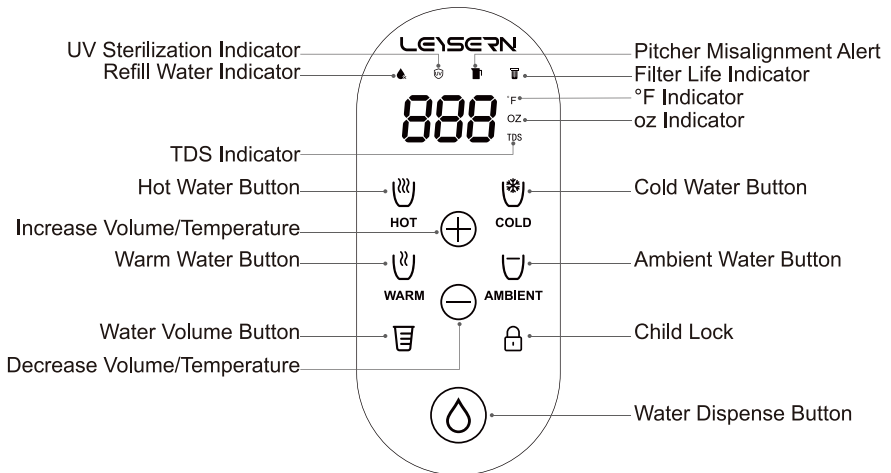
- Feedwater Requirements:** The feedwater must be municipal tap water or water that is microbiologically safe and adequately disinfected.
- Relocation:** Do not move the unit while it contains water. Always drain the water tank completely before relocating the purifier.
- Cleaning:** Do not immerse the main body in water or rinse it under a tap. Use a clean, damp cloth for exterior cleaning.
- Power Source:** Use a dedicated 120V, 15A outlet. Do not use universal sockets or power strips, and avoid sharing the outlet with other high-power appliances.
- Placement:** Do not operate the unit in direct sunlight. Place the purifier on a flat, stable surface.
- Electrical Safety:** Ensure the power plug is fully inserted. If an extension cord is necessary, use only UL-certified cords that meet the rated current requirements of the circuit. Always grasp the plug itself to disconnect the unit; never pull on the power cord.
- Emergency Protocol:** If the unit produces unusual noise, odors, or excessive heat, immediately turn off the power switch and disconnect the plug.
- Hazardous Environments:** Do not use the product near flammable or explosive materials.
- Modifications:** Do not disassemble the unit or modify internal wiring, components, or protective devices.
- Steam Safety:** When filling a container, do not insert the dispensing spout into the cup opening. Blocking the steam release may cause pressure-related hazards or burns.
- Supervision:** Children, the elderly, or individuals unfamiliar with the device must be supervised by an adult to prevent accidents or damage.
- Maintenance:** If the power cord is damaged, it must be replaced by the manufacturer, an authorized service agent, or a qualified technician.
- Scald Prevention:** When switching from hot water to cold/warm water, residual hot water may be dispensed first. Flush with cold water for 10 seconds before drinking.
- Shock Prevention:** Always disconnect the power supply before cleaning or inspecting the unit.

California Proposition 65 Warning: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

2. Product Overview



Control Panel



User Interface

	Solid On: Purified water TDS exceeds 250 ppm, indicating poor water quality; refill the tank and check the water source. Flashing: Feedwater tank is low, prompting a refill. Off: Normal operation.
	Solid On: Flow-through UV is operating. Flashing: Cold water tank UV is operating. Off: UV is not operating.
	Flashing: Purified water pitcher is not properly seated. Off: Purified water pitcher is properly seated.
	Solid On: Filter life has expired. Flashing: Filter flush in progress. Off: Filter life is normal.
	4 water volume options: 4 oz, 8 oz, 12 oz and 17 oz.
 COLD	Touch to select cold water (43°F – 52°F) Solid On: COLD mode selected. Dim: Not selected. Flashing: Cooling in progress (after cooling is turned on). Long press for 8 seconds: Turn cooling function on or off. Note: Cooling is on by default.
 HOT	Touch to select hot water (198°F) Solid On: Hot water (198°F) selected. Dim: Not selected.
 WARM	Touch to select warm water (110°F) Solid On: Warm water (110°F) selected. Dim: Not selected.
 AMBIENT	Touch to select ambient water Solid On: Ambient water selected. Dim: Not selected.
	When the machine is in standby, the Water Dispense button light pulses slowly. Pressing the Water Dispense button once will wake the screen. Pressing it again will dispense the default 4 oz of ambient water. To stop water flow during dispensing, press the Water Dispense button.
	Default: On Unlock first: Required to dispense water at 110 °F or above. Locked: Child Lock button brightly lit. Unlocked: Child Lock button dimly lit. Alert: If attempting to dispense hot or chilled water while locked, the button flashes and the buzzer sounds 3 times.
	Increase temperature or volume values: touch or long press operation.
	Decrease temperature or volume values: touch or long press operation.

User Interface	
°F	°F Indicator: When showing temperature, the “°F” indicator on the right lights up.
OZ	oz Indicator: When showing water volume, the “OZ” indicator on the right lights up.
TDS	TDS Indicator: When showing TDS value, the “TDS” indicator on the right lights up.

NOTE:

UV Indicator Operations:
The purifier features dual UV protection: a flow-through UV at the outlet and a dedicated UV within the cold water tank.

- 1. The flow-through UV activates automatically during dispensing.
- 2. When the cooling function is active, the tank UV runs for an initial hour, followed by a 7-minute sterilization cycle every 53 minutes.

Standby Mode:
After 60 seconds of inactivity, the purifier enters standby mode. The Water Dispense button light pulses slowly, while all other indicators turn off to conserve energy.

Wake-Up:
1. Press the Water Dispense button to wake the purifier.
2. Opening or closing the feedwater tank cover, as well as attaching or detaching the purified water pitcher, will activate the display.

Combination Button Functions		
NAME	BUTTON COMBINATION (HOLD FOR 3 SECONDS)	FUNCTION
Reset Filter Life	 + 	Reset filter life count
One-Touch Drain	 +  COLD WARM	Drain purified water pitcher
Factory Reset	 +  WARM AMBIENT	Restore default settings
Forced Filter Flush	 +  HOT AMBIENT	Start 3-minute flush.
Check Filter Life	 +  HOT	Display the remaining filter life on a 0 - 100 scale

3. Product Specification

Product Specification		
Model	LSA4RMA	LSA4RMB
Total Purified Water Capacity	528 Gallons	
Power Supply	120V/60Hz	
Rated Power	1,450 W	
Heating Power	1,400 W	
Cooling Power	140 W	
Hot Water Capacity	4 gal/h	
Rated Water Flow Rate	6.76 oz/min	
Pure to Drain	3 : 1	
Feedwater Tank	1.3 gal	
Purified Water Pitcher	0.42 gal	
Water Source	Municipal Tap Water	
Filter	5-Stage RO Filter	
Filter Life	1 Year	
Electric Shock Protection	Class I	
Net Weight	19.6 lb	
Product Dimensions (WxHxD)	8.3" x 15.8" x 18.3"	

Certifications	
	These LSA4RMA and LSA4RMB systems are tested and certified by the Water Quality Association (WQA) to NSF/ANSI/CAN 372 for lead-free requirements.

4. Operating Instructions

4.1 Getting Started

Place the purifier on a flat, stable surface near a power outlet.

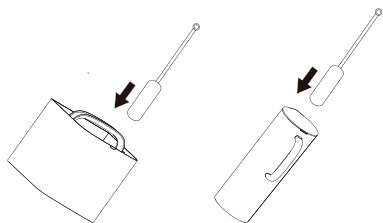
Allow sufficient clearance behind the unit. Leave at least 7 inches of space between the back of the product and any wall or cabinet to ensure proper heat dissipation. This maintains cooling efficiency and prolongs the product's lifespan.

4.2 System Start-up

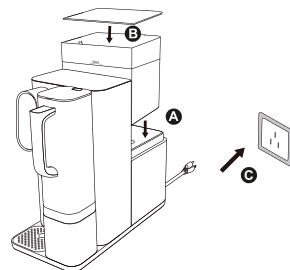
Follow these steps before first use:

- ① Rinse the feedwater tank and purified water pitcher.

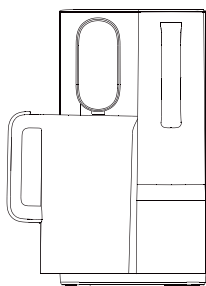
* Please note that the cleaning brush is not included with the product.



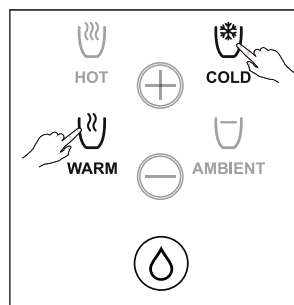
- ② Fill the tank to the MAX line with tap water. Securely install the tank, tank cover and pitcher, then plug in the purifier.



- ③ The system automatically initiates a 2-minute filter flush. The filter indicator will flash, and no purified water is produced during this process. Prepare a container larger than 54 oz to catch the drained water in the next step.



- ④ The purifier will begin producing water. Once the pitcher is full, press and hold "COLD" + "WARM" simultaneously for 3 seconds to automatically drain the pitcher; or, simply press "⊕" until the pitcher is empty. Repeat this process 3 times before first use.



NOTE: Running 3 drainage cycles will ensure the system is thoroughly cleaned and conditioned.

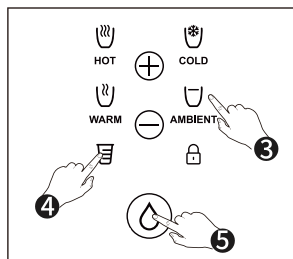
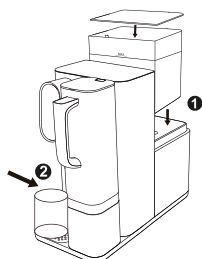
NOTE: Filling the pitcher takes 7–8 minutes per cycle.
 The complete 3-cycle flushing process takes approximately 30 minutes total.
 You may notice the water level in the pitcher remains unchanged during initial water production.
 This is normal, as water is being fed into the cold water tank.
 The purifier will not operate unless the feedwater tank cover is properly installed.

⚠ WARNING:

Do not attempt to dispense purified, chilled, or hot water for consumption while the system is completing the start-up process.
 Do not unplug the purifier or remove the feedwater tank during the filter flush.

4.3 Your First Cup of Purified Water

1. Ensure the feedwater tank is filled and installed.
2. Place a cup under the water dispensing outlet.
3. Press the “” button.
4. Press the “” button to choose: 4 oz, 8 oz, 12 oz, or 17 oz.
5. Press the “” button to start.

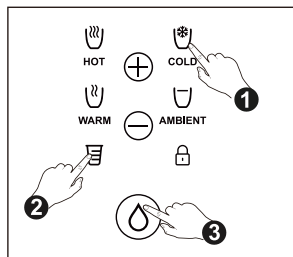


NOTE: To stop dispensing, press any button.

4.4 Your First Cup of Chilled Water

IMPORTANT: For first-time use, dispense and discard 32 oz of chilled water to ensure maximum water cleanliness.

1. Place a cup under the water dispensing outlet.
2. Press the “” button to select cold water mode.
3. Press the “” button to select water amount.
4. Press the “” button.



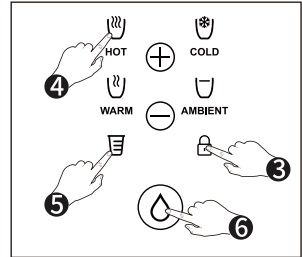
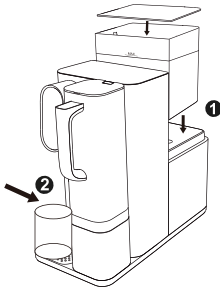
NOTE: Please allow up to 45 minutes for the water to chill during initial setup. The system will continue cooling automatically during normal use.

Cooling Water Refill & Dispensing

- Chilled water is only available when the pitcher contains sufficient purified water. Please ensure the pitcher is adequately filled before selecting cold water mode.
- If the COLD icon flashes three times and beeps twice after pressing the Cold Water button, it indicates that chilled water is not yet ready or the cooling function is turned off.

4.5 Your First Cup of Hot Water

1. Place a cup under the water dispensing outlet.
2. Press and hold the “” button to unlock.
3. Press “” (110°F) or “” (198°F) to select temperature.
4. Press “” to select water amount, then press “”.



Following a power restoration or initial setup, the first few ounces of hot water may be lukewarm while the system preheats. This is normal. After a few seconds of continuous dispensing, the water will reach your selected temperature.



WARNING:

Hot water may cause scalding. Keep hands and body away from the outlet during dispensing.

NOTE: At the 198°F setting, the actual outlet temperature is approximately 193°F ± 5°F due to heat loss during the dispensing process.

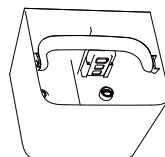
NOTE: The Temperature and Volume settings will revert to defaults after 10 seconds of inactivity. The temperature value is adjustable. A single press of the Increase or Decrease button adjusts the value by 5°F, while a long press enables continuous adjustment. You can press the Volume button to cycle through four volume levels.

5. Care & Maintenance

5.1 Keep Your Feedwater Tank Clean

To ensure optimal water quality, clean the feedwater tank regularly:

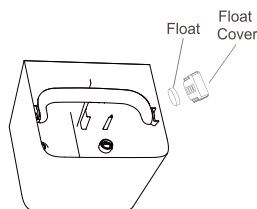
- If sediment is visible at the bottom of the tank, rinse thoroughly with fresh water.
- For persistent buildup, remove the float cover and rinse both components thoroughly.
- If scale appears on the filter screen, soak it in a mild citric acid or white vinegar solution, then gently scrub with a soft brush.



5.2 Refresh Feedwater Tank

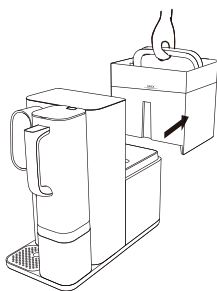
To ensure optimal water quality, refresh the feedwater tank regularly.

- When the "💧" indicator is flashing.
- When water has been sitting in the tank for more than 24 hours.
- After extended periods of non-use.

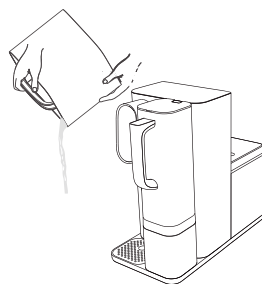


Follow these steps:

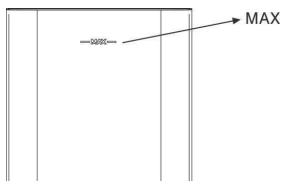
- ① Remove the feedwater tank.



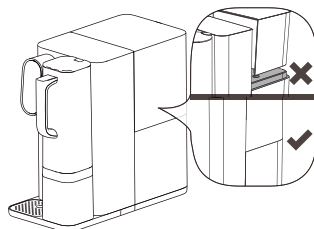
- ② Discard any remaining water.



- ③ Rinse the tank and refill with fresh tap water to the MAX line.



- ④ Reinstall the tank securely.

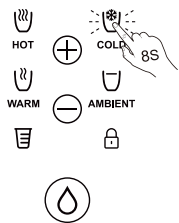


5.3 Refresh Cold Water Tank

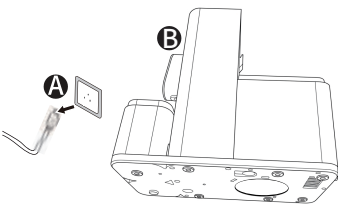
When the cooling function is not used for more than a week, the following measures should be taken to ensure cold water quality.

- 1-2 Weeks of Inactivity: Dispense and discard 32 oz of the first cold water before drinking.
- Over 2 Weeks of Inactivity: Drain the internal cooling tank as follows:

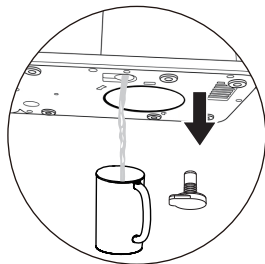
① Press and hold “” for 8 seconds to turn off the cooling function.



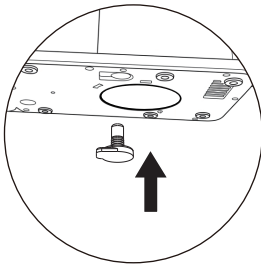
② Unplug the unit and remove the tanks.



③ Place a container under the rear-bottom drainage outlet.



④ Remove the blue silicone plug to drain. Reinsert it firmly when finished.



NOTE: If you will be away for an extended period, such as 5 days or more, it is recommended to store the filter to prevent potential microbial growth. First, disconnect the power supply, then fully drain the feedwater tank and the internal purified water tank. Remove the filter, wrap it securely in food wrap, and place it in the refrigerator (do not freeze).

6. Filter Replacement

6.1 Filter Replacement Schedule

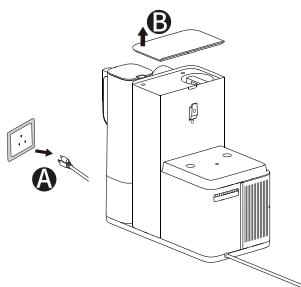
It is recommended to change the filter every 12 months or when the “” indicator light stays on continuously.

This schedule is based on the assumptions of average daily drinking water consumption by a family of four and municipal tap water as the feedwater.

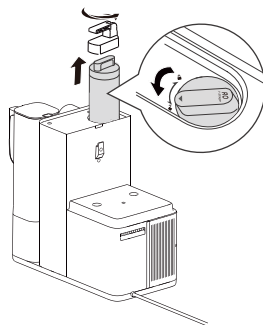
6.2 Filter Replacement Instruction

Follow these steps to replace the filter:

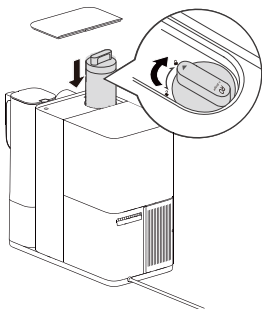
- ① Unplug the purifier and remove the top cover.



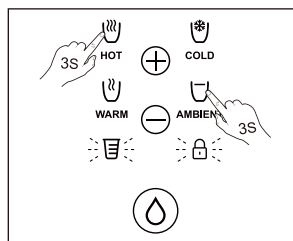
- ② Rotate the existing filter counterclockwise to the Unlock “” position, then remove it.



- ③ Insert the new filter and rotate to the Lock “” position. Place the top cover back on, then install the feedwater tank securely.



- ④ Plug in the purifier. Reset the filter life, then press and hold “” and “” simultaneously for 3 seconds to initiate a forced filter flush. Refer to Step 4 in Section 4.2 to complete the initial system cleaning cycle.



NOTE: Press and hold “” and “” simultaneously for 3 seconds to reset the filter life.

Use only original filters. Please visit www.leysern.com for replacement filters.

7. Packing List

The machine package should contain the following parts:

Description	Quantity
Countertop Reverse Osmosis Water Purifier (Instant Hot, Chilled & Purified Water)	1
Drip Tray Grate	1
Purified Water Pitcher	1
Filter Wrench	1
User & Care Guide	1
5-Stage RO Filter	1

8. Troubleshooting

Issue	Possible Cause	Recommended Actions
Water not dispensing	No water in the feedwater tank	Refill the feedwater tank
	Filter is clogged or saturated	Replace the filter if clogged
	Initial filter flush was not performed before first use	Perform the initial filter flush before use
Low water output	Filter has exceeded its service life	Replace the filter cartridge
Poor taste	Filter has exceeded its service life	Replace the filter cartridge
Water leakage at connection points	Components may have been incorrectly reassembled	Ensure all components are properly aligned and securely reassembled
	Connections are loose, cross-threaded, or stripped	Securely tighten all connections
	Silicone seal is worn or damaged	Replace damaged seals if necessary
Electric leakage or static discharge on the unit body	Poor grounding	Ensure the unit is properly grounded
	Internal water leakage	Unplug the unit immediately. Inspect for internal leaks and contact Customer Service if detected

9. Limited Product Warranty

1. Warranty Coverage

AQUARISE INC. (hereafter referred to as AQUARISE) warrants that your water filtration product will be free from defects in materials and workmanship under normal use for a period of one year from the date of purchase. This warranty is provided to the original purchaser and is non-transferable.

The product is warranted only when it is installed, operated, and maintained in accordance with the instructions in this manual.

The estimated filter lifespan is based on approximate drinking water usage and is for information purposes only. Water conditions and water consumption rates may limit the actual lifespan of your filter. This Limited Warranty does not extend to the full estimated lifespan of the filter.

2. Warranty Service

If your product proves defective during the warranty period, please contact our customer service team by email at support@leysern.com. We will, at our discretion, repair or replace the defective product, or refund the purchase price.

3. Exclusions and Limitations

This warranty does not cover:

- Products that are not installed, operated, or maintained in accordance with the instructions in this manual.
- Normal wear and tear.
- Damage caused by accidents, misuse, abuse, or neglect.
- Unauthorized modifications or repairs.
- Clogging due to the owner's failure to replace the filter.
- Damage caused by external factors such as power surges.
- Damage resulting from the use of non-genuine AQUARISE parts, including but not limited to replacement filters.
- Any labor charges or other expenses incurred by the purchaser to repair, replace, install, or remove this product.
- Products purchased from unauthorized resellers or any source other than AQUARISE or authorized AQUARISE resellers.

4. How to Obtain Warranty Service

To obtain warranty service, you must provide proof of purchase and a detailed description of the defect. Please contact our customer service team to receive instructions on how to return the product for warranty service.

5. Limitation of Liability

AQUARISE shall not be liable for any incidental or consequential damages arising from any defect in the product or its use, including, but not limited to, water damage. Our liability is strictly limited to the repair, replacement, or refund of the product's purchase price.

6. Warranty Registration

Warranty registration is not required for coverage under the AQUARISE Limited Warranty. However, it is recommended to complete the online warranty registration form at www.leysern.com/warranty for your purchase.

7. Governing Law

This warranty shall be governed by the laws of the State of Wisconsin, without regard to its conflict of law principles.

This warranty provides you with specific legal rights, and you may also have other rights that vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages; therefore, the above limitation or exclusion may not apply to you.



LEYSEERN[®]

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