



Thank you for purchasing an Aquatic Life Deionized Spot-Free Car Rinse Unit.

When maintained properly, this unit will provide you with years of high-quality filtered water.

OVERVIEW

Water quality is often measured by the amount of total dissolved solids (TDS) in the water. It is the TDS in the water that leaves spots on a vehicle when the water evaporates. By removing the TDS, a spot-free rinse is achieved.

Removing TDS is accomplished by filtering the water through a resin that is charged with Cation and Anion resins (H+ and OH-). As the resin absorbs the TDS, it will change color. When the entire resin has changed color, it is time to replace the DI cartridge.



How Resin Works



OPERATING GUIDELINES

The maximum incoming water pressure for the unit is 80 PSI. If the pressure is more than 80 PSI, a pressure regulator is required.

Deionized water should not be run through a copper tube. The pure DI water can leach copper from the pipe, eventually leading to holes in the pipe.

DO NOT pressurize and operate the unit unattended.

For technical assistance or warranty issues, contact Aquatic Life at customersupport@aquaticlife.com

HOW TO USE

Failure to follow these steps will deplete your cartridges quickly and cost you extra money. **Follow these simple steps for best results:**

1 Wet vehicle with **tap water**

2 Use **tap water** to fill soap bucket

3 Rinse soap off vehicle with **tap water**

4 Spray vehicle with fine mist of **DI Spot-Free Rinse water**

To avoid rapid depletion of your cartridges, **DO NOT** use the spot-free rinse for steps 1-3.



NOTE: Filter cartridge life will vary based on local water conditions & amount of use.

Contents (Model #540710)

1	Dual DI Unit Housing with Mounting Bracket	2	Color-changing Deionization Cartridges
1	Plumber's Pipe Tape	1	Canister Wrench
1	Brass 1/2" MPT x Female Garden Hose Adapter	1	Quick Connect x Male Garden Hose Thread
1	Quick Connect x 1/2" MPT	1	25' Water Saver Hose
2	1/2" Rubber Washers	2	3/4" Rubber Washer
1	Installation, Operation & Maintenance Guide		

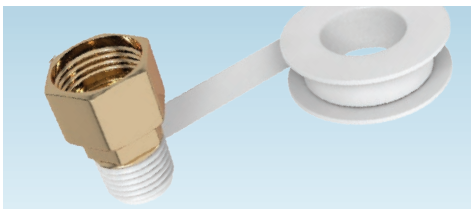


Installation Instructions

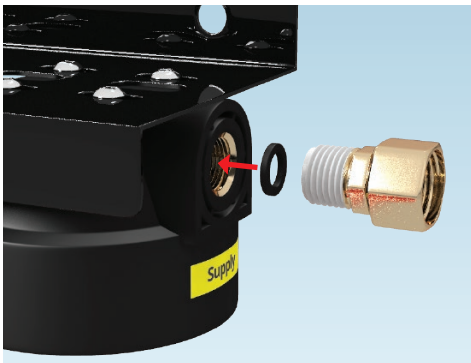


INSTALL THE ADAPTER

Step 1 – Apply three wraps of the pipe tape to the 1/2" MPT fittings.



Step 2 – Insert a 1/2" rubber washer into the side labeled **SUPPLY** then thread the **FEMALE** hose fitting into that side. Tighten with a wrench, but **DO NOT OVER-TIGHTEN**.



Step 3 – Insert a 1/2" rubber washer into the side labeled **FILTERED** and then thread the Quick Connect x 1/2" MPT fitting into that side. **HAND-TIGHTEN ONLY**.



MOUNTING THE UNIT



WARNING: DO NOT mount the unit outside or in a direct sunlight area. This will affect the performance of the unit.

Mount to a secure surface so the cartridges can be easily replaced as needed.

Use screws designed for the type of surface that the DI unit will hang on. Leave the screws extending about 1/8" from the surface then hang the metal bracket on the screws.



TIP: Mount the unit on a two-wheel dolly for easy portability

INSTALLING THE CARTRIDGES

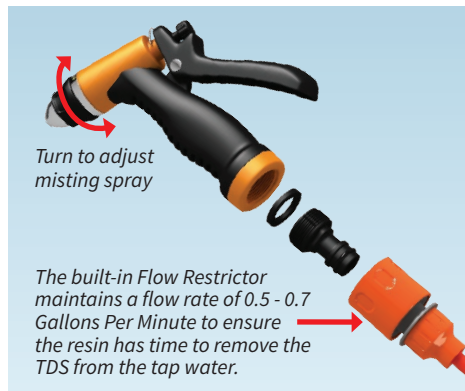
Remove the resin cartridges from the wrappers and center them in the clear canisters. Hand-tighten the canisters to canister heads and use the canister wrench to tighten approximately another 1/4 turn. Each canister is sealed with an o-ring on the canister top and inside the top of the unit housing for a total of four o-rings per Spot-Free Car Rinse unit.



HOSE & NOZZLE INSTALLATION

Use a hose with standard garden hose threads to connect the **SUPPLY** side of the deionization unit to a water supply.

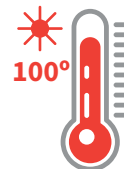
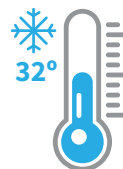
Use the included orange Water Saver Hose to connect to the **FILTERED** side of the deionization unit. Place a 3/4" Washer into the end of the rinsing nozzle and attach the Quick Connect x 3/4" Garden Hose Thread into the end of the rinsing nozzle. Tighten with a wrench, but **DO NOT OVER-TIGHTEN**.



UNIT STORAGE

Between use, it is important for the resin to remain wet. Ideal storage would be leaving the water hoses attached and canisters filled with water. If you remove the water hoses from the ends of the Spot Free Rinse, ensure that the water in the canisters is not allowed to evaporate.

Avoid storing in an area that could freeze or temperatures could raise above 100°F. Never store the unit in direct sunlight.



UNIT MAINTENANCE

The deionization cartridges are designed to change color when the resin inside is exhausted. When the entire cartridge has changed color, it is time to replace.



NOTE: When changing the exhausted cartridge, move the second cartridge to the first position & install the new cartridge in the second position. This will maximize the use of the resin.



Cartridge #2 only partially exhausted. Move to #1 location

Cartridge #1 exhausted. Remove and place new cartridge in #2 location

Additional Purchase Considerations Scan to order on Amazon



5L Bulk Resin
Fills about 6 cartridges



Cartridge 3-Pack



OPERATION & CONSIDERATIONS

- Operating pressure greater than 80 PSI requires a pressure regulator.
- With initial operation, check for leaks. If a leak is observed, verify there is enough plumber's tape on the brass fitting and the 1/2" rubber washers are installed. Also check that the canisters and caps are sealed properly with their o-rings.
- Most of the components in the deionization unit are plastic and subject to damage by ultraviolet light.
- Never store the unit in direct sunlight or other bright lights.
- Do not store or operate the unit in temperatures above 100°F.
- Do not store or operate the unit in freezing temperatures.
- Do not leave the unit unattended while connected to a water supply.
- Do not operate unit if canisters or other components show any signs of damage.

CHANGING WATER FLOW DIRECTION

Depending on your installation, it may be desirable to have the water supply flow in on the left side of the unit and filtered flow out of the right side. This can be achieved by removing the eight screws on top of the metal mounting bracket and rotating the plastic canister head assembly 180 degrees.



CARTRIDGE LIFE - The resin in DI cartridges remove a set amount of TDS from water. The higher the TDS going into the DI cartridge, the quicker the resin will be depleted.

1-YEAR LIMITED WARRANTY

Lifetime Products LLC warrants that this Dual Deionization Unit (excluding cartridges) shall be free from defective components and leaks or cracks due to defects in materials or workmanship for a period of one (1) year from the date of purchase. If a defect is shown, Lifetime Products LLC will, at Lifetime Product's sole discretion, either repair or replace the product without charge.

No cash refunds will be made. This warranty is provided solely to the original consumer purchaser of the product and may not be transferred or assigned. If Lifetime Products chooses to replace the equipment, Lifetime Products may replace it with reconditioned equipment. Parts used in repairing or replacing the equipment will be warranted for 90 days from the date the equipment is returned to you or the remainder of the original warranty period, whichever is longer.

This warranty does not apply to damage resulting from accident, misuse, abuse, lack of reasonable care, failure to follow safety and installation instructions.

This warranty will be void if defects occur due to failure to observe the following conditions:

The Aquatic Life unit should only be connected to a potable municipal or potable well cold water supply.

Do not use with water that is of unknown quality without adequate disinfection before or after the unit.

- Incoming water to the DI unit cannot exceed 100°F.
- Incoming water pressure must be between 40 and 80 PSI.
- Do not store in direct sunlight or subject to freezing temperatures.

This warranty will not be effective unless and until the Aquatic Life product is shown to have been used in accordance with the installation and maintenance instructions accompanying the product.

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Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages or exclusions or limitations on the duration of implied warranties or conditions, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary by state or province.

Lifetime Products, LLC shall not have any obligations under this warranty unless the owner notifies Lifetime Products, LLC in writing of any alleged defect(s) within 30 days of discovery of the defect(s).

Any notice to Lifetime Products, LLC must be delivered by United States or electronic mail to the following address: U.S. Mail: Lifetime Products, LLC, 9710 Klingerman St., S. El Monte, CA 91733 or electronic mail: customersupport@aquaticlife.com. Lifetime Products shall be allowed a reasonable period of time to investigate any warranty claim and to perform any testing Lifetime Products deems necessary to determine the cause of the defect. This warranty shall be interpreted under the laws of the State of California.

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