



Whole House Rhino® Filter

REPLACEMENT

Owner's Manual



Safety Precautions

- **DO NOT** install this filter where the line pressure may exceed 100 psi. The operating pressure range for this filter is between 20psi – 100psi.
- Install on cold water lines only (40° – 90°F).
- Installation of the filtration system must comply with existing state and local plumbing codes. Aquasana and its manufacturer are not liable for consequential or incidental damages due to improper installation.
- **DO NOT** install the unit on its side. It must be installed upright to maximize contact with media bed.
- NSF certified plumber's tape (thread sealing tape) is the only sealer that can be used on threaded fittings. **DO NOT** use pipe dope or PVC primer/glue on threaded fittings. Exposure to these compounds will damage nipples causing leaks.

Cleaning

The exterior of your filtration system can be cleaned with warm, soapy water. Rinse well with fresh, clean water.

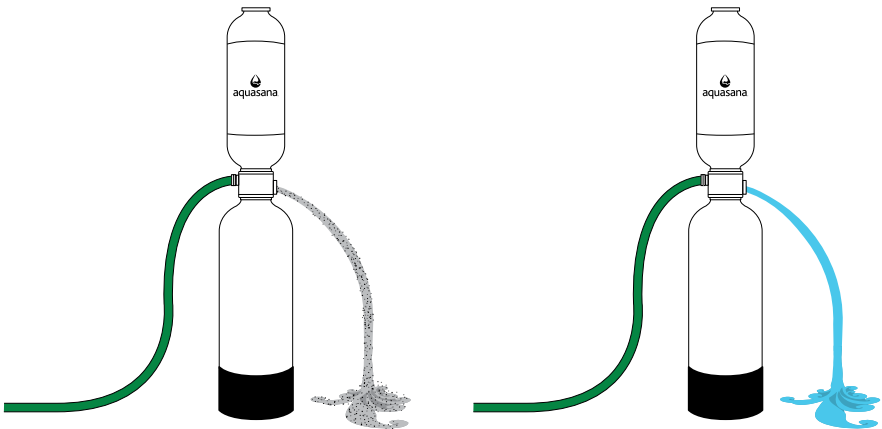
A Pre-Filter is included with your system. Sediment levels vary from one location to another. It is recommended to replace your Pre-Filter every 2 months. If the flow rate has noticeably decreased, replace your filter cartridge sooner.

NOTE: Never use chemical cleaning products on the system's exterior surface as they may damage the housing.

1 Pre-Condition Rhino Tank

NOTE: It's imperative that this system is flushed properly prior to final installation. The granular carbon used in the bottom tank contains 1-2% by volume of carbon fines that must be flushed out prior to use. Surge flushing is the best method for purging these carbon fines from the media bed.

1. Once out of the box, keep the tank upright at all times as to not apply pressure to divider. Remove shipping caps from inlet and outlet ports. Using supplied adapter, connect a garden hose to the inlet port so the water will flow into the system and out of the outlet port.
2. Slowly turn faucet on and allow discolored water to flow from outlet into a suitable drainage area. The first few gallons will appear black and cloudy due to carbon fines.
TIP: You may need to slightly shake the tank to help remove carbon fines.
3. After an initial 15-minute flushing, begin a period of "surge flushing" by turning water supply on for 30 seconds and then off for 30 seconds, repeating cycle for 15 minutes or until initial surge of water is completely clear and free from discoloration and cloudiness.
4. Disconnect the system from the garden hose, be sure the white washers are properly set inside the inlet and outlet ports, and position the system for installation.



2 Shut Off Water Supply

1. Turn off the main water source prior to tank replacement or turn off the shut-off valve.
2. Drain water from lines to relieve pressure by turning on a faucet inside your home. If using your bypass valve, shut off both sides of the bypass valve. When using this method, you do not need to drain water from the lines.

⚠ WARNING

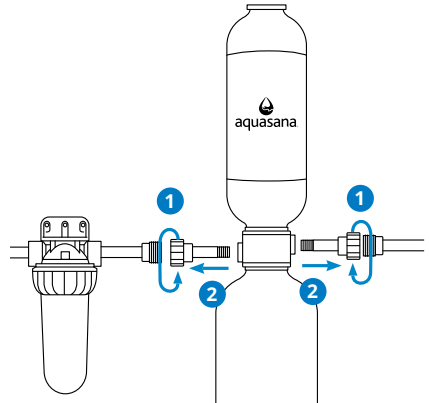


ELECTRICAL SHOCK HAZARD

If you have copper pipes - leave your grounding clamps installed. Do not disconnect at any time while changing the tank. Failure to follow this instruction can result in death or electric shock.

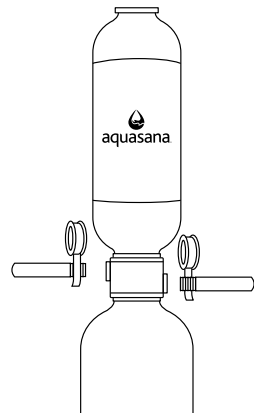
3 Remove Tank from System

1. Loosen the unions on both sides of the Rhino Tank. Slide the entire tank (pipe nipples and halves of unions included) away from the system.
2. Unscrew the pipe nipples from the tank.
3. Dispose of the old Rhino Tank properly.



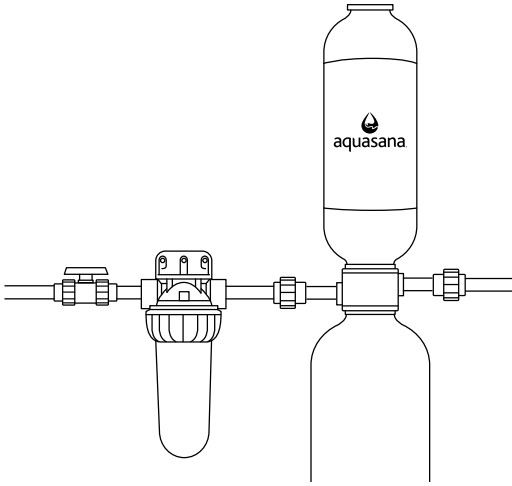
4 Reconnect Fittings

1. Clean the threads on the pipe nipples and re-apply new NSF certified plumbers tape.
2. Connect pipe nipples to your new Rhino tank.



5 Plumb In New Rhino Tank

Slide the new tank back into the system and re-attach the unions.



6 Final System Check

After plumbing the new Rhino Tank back into the system, slowly turn the water back on. If you used a bypass system, return both bypass valves into the on position. Inspect the system for leaks.

After inspecting for leaks, turn on the faucet closest to the installed unit and allow water to run for 5-10 minutes for the final flushing period.

RHINO® WATER FILTER LIMITED WARRANTY

Who is covered

AQUASANA AND ITS SUPPLIERS, (herein collectively referred to as “Manufacturer”) warrants to the owner of the home where the water filter is initially installed (hereinafter “Owner”). The warranty is restricted to the water filter used in a single-family residence in the United States of America and is void if moved from the original installation location.

What is covered

This Warranty covers defects in materials or workmanship during the limited warranty period of your of your Aquasana Rhino Whole House Filtration System including sub-components purchased with original system (may or may not include pre-filter, post-filter, and fittings), except as provided below. The water filter is warranted only when it is installed, operated and maintained in accordance with the instructions accompanying the water filter found on Aquasana.com. A water filter should be installed in such a manner that, if the tank or any connection thereto should leak, the resulting flow of water will not cause damage to the area in which it is installed. For detailed instructions read the manual accompanying the water filter and review drawings in the manual.

For how long

This warranty runs for months specified in chart below from the date of purchase by a consumer (herinafter "Warranty Period"). No warranty coverage will be provided if the claimant is unable to provide proof of purchase. Water conditions and use rates may limit the functional lifespan of your filter. This Limited Warranty does not extend to the full estimated life span of the filter.

What Aquasana will do

1. If necessary, the Manufacturer will provide a replacement that fulfills the remaining estimated lifespan/capacity (see chart) of your original purchase and send it to you with installation instructions. If industry standards, product improvements or product obsolescence prohibit Manufacturer from furnishing an identical model replacement water filter under this warranty, the Owner will be furnished with a new water filter of comparable remaining capacity and functionality; however, the Owner will be charged for the additional value of the item(s) which Manufacturer has incorporated in the replacement water filter.

RHINO SYSTEM WARRANTY COVERAGE	
Model	Lifespan/Capacity
EQ-300	3 Years / 300,000 Gallons
EQ-400	4 Years / 400,000 Gallons
EQ-600	6 Years / 600,000 Gallons
EQ-1000	10 Years / 1,000,000 Gallons
EQ-AST-WH / EQ-AST-WH-C	6 Years / 600,000 Gallons
EQ-WELL-UV	5 Years / 500,000 Gallons
Installation Kit <i>(includes pre-filter, post-filter, and fittings purchased with original system)</i>	1 Year

This warranty does not include the UV Filter. See full warranty information for the UV Filter in the original UV manual.

2. Component Part – If any component part proves to Manufacturer’s satisfaction to be defective in material or workmanship within the warranty period listed on the data plate label, the Manufacturer will furnish the Owner with a replacement for the defective part(s).
3. Return of Defective Water Filter and Component Parts – Manufacturer reserves the right to examine the alleged defect in the water filter or component part(s), and it will be the Owner’s obligation to return the water filter and/or component part(s) to the Manufacturer at the Manufacturers request.
 - a. When returning a water filter, it must include all component parts.
 - b. When returning component part(s), they must be individually tagged and identified with the water filter’s model number, date of purchase, and date of installation.

What is not covered

1. This warranty does not cover filter cartridges and any systems that were not installed in compliance with the instructions or that have been abused or operated incorrectly.
2. The Limited Warranty stated herein is in lieu of any and all warranties, express or implied (whether written or oral), including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose.
3. Manufacturer shall not be liable for any incidental, consequential, special, or contingent damages or expenses, arising, directly or indirectly, from any defect in the water filter or the use of the water filter.
4. Manufacturer shall not be liable for any water damage arising, directly or indirectly, from any defect in the water filter or component part(s) or from its use.
5. Manufacturer shall not be liable for any damage or product failures caused by any of the following:
 - The water filter or any of its component parts have been subject to misuse, alteration, neglect or accident.
 - The water filter has not been installed in accordance with the applicable local plumbing and/or building code(s) and/or regulations or in their absence.
 - The water filter is not installed, operated and maintained in accordance with the printed Manufacturer’s instructions, including if the water filter has any additional aftermarket equipment introduced into the sealed system not approved by the manufacturer.
 - The water filter is exposed to highly corrosive conditions.
 - The water filter is not continuously supplied with potable water.
 - The water filter is not operated within the factory calibrated temperature limits.
 - The water filter is removed from its original installation location.
 - The water filter is installed in direct sunlight or exposed to freezing temperatures.
 - The water filter or any of its component parts fail due to iron or sediment build-up.
 - Clogging due to purchaser’s failure to replace the Pre-Filter cartridge.
 - Damage caused by fire, flood or acts of God.
 - Damage caused by over-pressurization in the water line.

6. This warranty does not cover damage caused by the use of parts that are not genuine Aquasana parts. This includes, but is not limited to replacement filters, faucets, and/or diverter valves.
7. Except when specifically prohibited by the applicable state law, the Owner, and not the Manufacturer, shall be liable for and shall pay for all charges for labor or other expenses incurred in the removal, repair or replacement of the water filter or any component part(s) claimed to be defective or any expense incurred to remedy any defect in the product. Such charges may include, but are not necessarily limited to:
 - a. All freight, shipping, handling and delivery costs of forwarding a new water filter or replacement part(s) to the owner.
 - b. All costs necessary or incidental in removing the water filter or component part(s) and installing a new water filter or component part(s).
 - c. Any material required to complete, and/or permits required for, installation of a new water filter or replacement part(s), and
 - d. All costs necessary or incidental in returning the water filter or component part(s) to a location designated by the manufacturer.

How to get service

To receive service under this Warranty, you must contact Aquasana (A. O. Smith Water Treatment (North America), Inc.) at 1-866-662-6885 or warranty@aquasana.com within the Warranty Period to describe the problem to a customer service representative who will verify that the product is under warranty and determine whether a part or the system will be replaced and whether you must send back the unit. You will be required to provide proof of purchase and proof of proper installation.



water for life®

Replace your filters on time, without worry — auto-delivered to you, for less.

It's important to change your filters using genuine Aquasana replacements for continued water filtration and optimum system performance. This is why we offer our no contract, auto-ship filter replacement program called Water for Life®.



Free Shipping

Replacements shipped directly to you, right when you need them, at no extra cost.



Discount Replacements

Lock in a 15% discount on filters to ensure you always get the best price.



Extended Warranty

Our performance promise to you – free replacement parts, just in case.



No Contract

Replacing your filters is serious – but your commitment doesn't have to be.

CONTACT US TO LEARN MORE



866-662-6885



waterforlife@aquasana.com



LOVE IT?

Let us know with a review on **Amazon**.



NEED HELP?

Give us a call at **866-662-6885** and tell us what's going on.

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