



ONLISOFT PRO SALT-FREE WHOLE HOUSE WATER TREATMENT SYSTEM
MODELS: OS8, OS9, OS10, OS13



The OnliSoft Pro 5 Stage Salt-Free Water Conditioning System removes impurities in your water and prevents hardness build-up throughout your home.

The RKIN technology ensures that your water has the most contact time with filtration media inside the tank, ensuring the best possible filter media utilization.

CUSTOMER SERVICE IS AVAILABLE MON-FRI 9AM-5PM EST 1-800-803-4551

www.RKIN.com

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⚠ CAUTION:
Do not install on well water without checking with RKIN customer service representative first.

Product Specs

Specification Description	OS8	OS9	OS10	OS13
Bathrooms	1-3	2-5	4-6	7+
ZEE PRO Pre-Filter Replacement	Every 12 Months	Every 12 Months	Every 9-12 Months	Every 6-9 Months
Tank Width	8"	9"	10"	13"
Tank Height with Head	48"	52"	58"	58"
Connection Size	1"	1"	1"	1.5"
Operating Temperatures	36°F-120°F	36°F-120°F	36°F-120°F	36°F-120°F
Operating Pressure	25-80 PSI	25-80 PSI	25-80 PSI	25-80 PSI
Flow Rate	9 GPM Service / 12 GPM Peak	11 GPM Service / 17 GPM Peak	15 GPM Service / 23 GPM Peak	28 GPM Service / 41 GPM Peak
pH Range	6-11	6-11	6-11	6-11

Complete Parts List

	OnliSoft Tank		Sediment Filter Wrench
	ZEE Pro Pre-filter Housing		Bypass Valve (1)
	ZEE Pro Sediment Filter		1" MNPT PVC Elbow Fittings (4)
	Mounting Kit for Pre-filter Housing: <ul style="list-style-type: none"> • Mounting Bracket • Philips Head Screws (4) • Bolt Head Screws (4) • Washers (4) 		Hose Bib Assembly

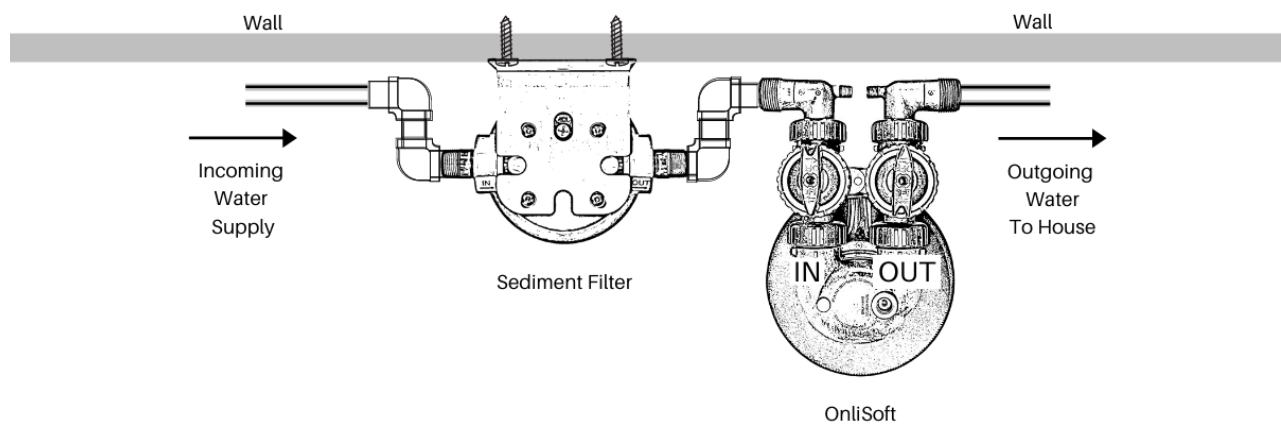
Optional Installation Kit and UV Protective Tank Jackets

1" Male NPT Nipples (2)	Stainless Steel 24"x1" Supply Flex Hose (2)	Stainless Steel 18"x1" Water Tank Connector Hose (1)	UV Protective Tank Jackets (1)
			

Installation Overview



Top View



Optional Bypass Overview



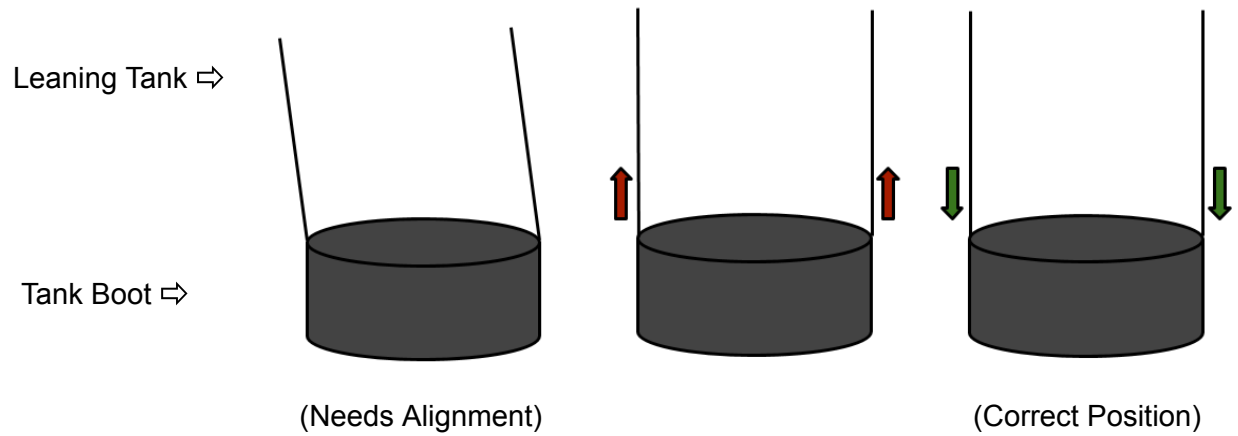
⚠ CAUTION:

The system must be installed on the main water supply line.

If this system is installed into a metal (electrically conductive) plumbing system such as, copper or galvanized metal, the water treatment system will interrupt the electrical ground continuity of the plumbing system. This will result in the ineffectiveness of the metal plumbing system to be used as an electrical ground for errant electricity from improperly grounded appliances or potential galvanic activity. There are building codes which encourage the grounding of electrical appliances through the plumbing system. If your home is built in accordance to such building code, you must first install either a bypass consisting of the same conductive material as the existing plumbing, or a grounded "jumper wire" that bridges the equipment and re-establishes the continuity and the conductive nature of the plumbing system before using the water treatment system.

Tank Boot Adjustment

The tanks sit in a “boot” and may need to be adjusted after shipping.








If either tank is not standing perfectly straight up and down, lift the tank up 6 inches and carefully tap it on the ground. Repeat this until the tank stands vertically straight and sits firmly into the tank boot.

The bottom of the tank is round and the boot allows the tank to stand upright.




OnliSoft Salt-Free Conditioner Soak Instructions

⚠ IMPORTANT!

Before installation, soak the media inside the tank in water for a MINIMUM of 2 days.

	<p>Set the tank on a level surface.</p> <p>Note: The area around the tank may get wet.</p>
	<p>Install the bypass valve with red arrows to the head of the tank by hand-tightening quick connects.</p>
	<p>Install PVC elbow to the inlet side of the bypass valve by hand-tightening the quick connect.</p>
	<p>Connect hose bib assembly to the inlet side. Hand-tighten. Connect a water hose to the opposite end of the hose bib assembly. Put the bypass valve in service mode (with the red arrows parallel to each other).</p>
	<p>Slowly turn the water on about halfway. Wait until the water fills the tank and overflows from the outlet side and then turn the water off. Put the bypass valve in bypass mode (with the red arrows forming a straight line) and disconnect the water hose. Finally, set the tank aside in a safe place for 2 days.</p>

OnliSoft Rinse Instructions

	<p>After the OnliSoft media has soaked for 2 days, take the tank outside to rinse excess media fines out of the filter.</p>
	<p>Connect the hose to the inlet side of the bypass valve using the bib assembly and the PVC elbow. Put the bypass valve in service mode (with the red arrows parallel to each other).</p> <p>Slowly turn the water on halfway and allow the water to run and overflow for 5 minutes.</p>
	<p>Turn the water off and disconnect the water hose. Connect the water hose to the outlet side.</p> <p>Slowly turn the water on to full strength. Allow the water to run and overflow for 5 minutes.</p> <p>Disconnect the hose bib assembly.</p>

Setup / Installation







1. At this point, you will need to shut the main water supply off to adapt your plumbing in and through the system.
2. Turn off the main water supply to your home.
3. Turn on a faucet (cold water) inside the house to relieve water pressure. (Leave the faucet on)
4. We recommend you plumb a shut off valve to the pipe leading to the ZEE Pro Filter.
5. Locate an area on your wall where you would like the ZEE Pro Filter to be installed. Locate the aluminum pre-filter mounting bracket with hex bolts and washers.
6. Mount the pre-filter bracket to the wall using the hex bolts and washers.

Note: The aluminum bracket should be screwed into a concrete wall or into studs in the wall to support the weight of the soaked pre-filter, which will weigh approximately 24 pounds.

	<p>While the aluminum mounting bracket is mounted on the wall, attach the pre-filter housing head to the mounting bracket with the hex bolts and washers provided.</p>
	<p>Plumb the Carbon Tank Outlet into the Inlet side of the pre-filter head (follow the in and out water flow indicators).</p> <p>Note: The pre-filter housing head inlet and outlet takes 1" male fittings.</p>
	<p>Unwrap pre-filter and install it in the housing by setting the filter onto the pipe stand inside.</p>
	<p>Screw the pre-filter housing to the head as tight as you can by hand and then tighten it further with the wrench.</p>

Optional Installation Kit Instructions

A. 1" Male NPT Nipples (2)	B. Stainless Steel 24"x1" Supply Flex Hose (2)	C. Stainless Steel 18"x1" Water Tank Connector Hose (1)	D. (2) 1" PVC Elbow Fittings (shipped with the system)
			

Preparing the Prefilter

Note: Before starting this part of the installation, be sure to have your Pre-Filter Housing mounted according to the Instruction Manual included with the system.

When mounting the Pre-Filter Housing, please make sure that it is close enough to the OnliSoft tank to connect with the 18" Flex Hose.

1. Wrap Teflon tape 1-2 times around the threads of the 2 (A) 1" Male NPT nipples.
2. Thread both (A) 1" Male NPT nipples onto the INLET side and the OUTLET side of pre-filter housing.
3. Use tongue-and-groove pliers or a pipe wrench to tighten the (A) 1" NPT nipples until the threads are at least 1/2inch into the Pre-Filter Housing.

Final Installation

1. Connect the water source from the street to the Sediment Filter with with a (B) 24"x1" Flex Hose:
 - a. Connect the threaded female end of the (B) Flex Hose to the (A) 1" Male NPT Nipple attached to the INLET side of the Pre-Filter Housing.
 - b. Connect the quick connect side of the (B) Flex Hose to the water source pipe.
2. Connect the Sediment Filter to the OnliSoft Tank with a (C) 18"x1" Flex Hose:
 - a. Thread the female end of the (C) Flex Hose to the (A) 1" Male NPT Nipple attached to the OUTLET side of the Pre-Filter Housing.
 - b. Thread the other female end of the (C) Flex Hose to the (D) 1" PVC Elbow attached to the INLET (upflow inlet) side of the OnliSoft Tank.
3. Connect the OnliSoft Tank to the water line going into the house with a (B) 24"x1" Flex Hose:
 - a. Connect the threaded female end of (B) the Flex Hose to the (D) 1" PVC Elbow attached to the OUTLET (downflow inlet) side of the OnliSoft Tank.
 - b. Connect the quick connect side of the (B) Flex Hose to the water line going into the house.

Complete Install



Once the plumbing is complete, it's time to test the system:

1. Double-check all connections. The valve nuts should only be hand-tightened.
2. Slowly turn the main water supply.
3. Slowly turn the bypass valve on the OnliSoft tank to the in-service mode (with red arrows parallel to each other).
4. Turn off the faucet. If there are no leaks, you have completed the install.
5. Cover the OnliSoft tank with an optional protective neoprene jacket.
6. It's natural to have some discoloration of the water for the first few days as it will take some time for the filtration media to get completely rinsed out of fines.

CONGRATULATIONS:

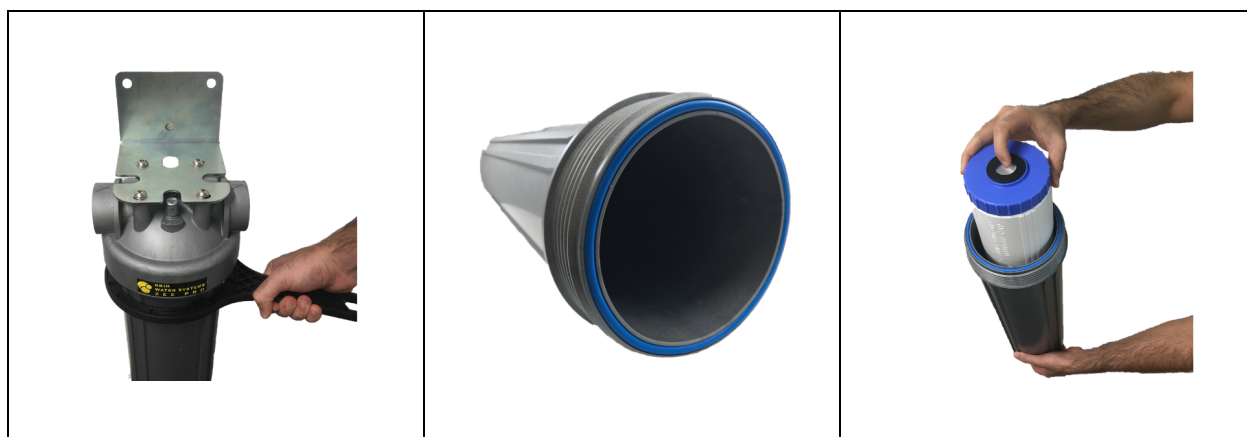
You can now enjoy your new RKIN OnliSoft Pro Whole House Water Treatment System!

Maintenance

Sediment Filter

It is recommended that the Sediment Filter be replaced every 6-12 months depending on the amount of sediment present in the water supply. If the system has been working properly and the pressure is slowing, it may be time to change the Sediment Filter. Check the Sediment Filter and replace if necessary. Replacement sediment filters can be ordered on-line at www.rkin.com or by calling 800-803-4551. The model number for the sediment filter is WH-RC-BB-20-5M.

Replacing the Sediment Filter



1. Turn off the main water supply to the System and put the bypass valve of all the tanks on bypass mode (with the red arrows forming a straight line).
2. Turn on a faucet (cold water) inside the house to relieve water pressure. (Leave the faucet on)
3. Using the supplied Filter Wrench, unscrew the Pre-filter Housing clockwise.
4. Remove the existing Sediment Filter and discard.
5. Remove the O-ring and wipe the groove clean. Lubricate the new O-Ring with a coating of the LubriKit provided. Replace O-Ring and press the new O-Ring down into the groove. Note: Changing the O-ring is recommended to ensure water tightness throughout the life of the housing. If replacing the O-ring is not possible, we highly recommend lubricating the O-ring every time the Pre-filter housing is separated from the head.
6. Place a new Sediment Filter onto the Stand Pipe in the Pre-filter Housing.
7. Screw the Pre-filter Housing onto the Filter Cover and hand-tighten it. Carefully snug the pre-filter with the filter wrench without over-tightening.
8. Slowly turn on the main water supply and allow the Sediment Filter System to fill with water and push out air pressure from the water lines.
9. Once the air is out of the water lines, turn the faucet (cold water) used to relieve air pressure inside the house off.
10. Put tanks back in service mode, out of bypass.
11. Check for leaks.

Troubleshooting

Problem	Solution
There is a water leak at the top of the tank around the head.	<p>You may need to turn the head to tighten it:</p> <ol style="list-style-type: none"> 1. Put the bypass valve on bypass mode. 2. Disconnect the bypass valve from the tank. 3. Turn the head snug. (The tank head is pre-installed hand-tight, do not overtighten the head). 4. Install the Bypass Valve back on the tank.
The tank leans to one side or is standing vertically level.	<p>If the tank is not standing perfectly straight up and down:</p> <ol style="list-style-type: none"> 1. Lift the tank up 6 inches and carefully tap it on the ground. 2. Repeat this until the tank stands vertically straight and sits firmly into the tank boot. <p>The bottom of the tank is round and the boot allows the tank to stand upright.</p>
The water pressure is slowing	<p>It is recommended that the Sediment Filter be replaced every 6-9 months depending on the amount of sediment present in the water supply, If the system has been working properly and the pressure is slowing, it may be time to change the Sediment Filter. Check the Sediment Filter and replace if necessary.</p>
The water pressure is slowing immediately after installation.	<p>This could be due to a blockage inside the system caused by insufficiently soaked media sticking to the top part of the tank. To prevent this from happening, avoid using water outlets with high flow rates such as bathtubs, utility sinks, hose bibs, and multi-headed showers for the first 72 hours of installation.</p> <p>If you suspect a media blockage inside the system due to high flow rate use within the first 72 hours of installation, turn off all running water for 10 minutes. This will help the media to settle and clear the blockage. You can then resume using water at low or normal flow rates.</p>

Warranty Information

For more information on our warranty, please visit www.rkin.com/onlisoft-pro-warranty/