

WATER REVIVAL SYSTEM

Travel/Portable



Please fill out the following information at the time of installation.

SAVE FOR FUTURE REFERENCE

MODEL: WRS-TP3

PURCHASE DATE:

INSTALL DATE:

SOLD BY:

INSTALLED BY:

SERVICE CENTER PHONE NUMBER:

WATER REVIVAL SYSTEM

Introduction

Congratulations on your purchase of a **PristineHydro™ WATER REVIVAL SYSTEM**. When properly maintained, this system will provide you with years of trouble-free operation. The next sections contain important information on the proper care and maintenance of your system. Please take a few minutes to read through this information.

The cartridges in this system must only be replaced with **PristineHydro™ Authorized Replacement Filters** and on a regular basis in order to maintain system efficiency and to ensure water production that is 100% free of all undesirable acids and contaminants. These cartridges are designed to work together as a system and should be replaced at the recommended intervals. Any significant change in performance of the system should be investigated promptly to avoid secondary damage or deterioration to other parts of the system.

CAUTION: Improperly installed systems could result in water damage due to leaks and/or flooding. Proper installation of this system requires proficiency with standard sink plumbing and proper use of hand tools. Unless you possess plumbing skills, we recommend you consult a licensed professional plumber or contractor.

NOTE: Water systems like to be run regularly in order to maintain efficiency and sanitation. With the absence of a Storage Tank in this Travel System, there is typically a low volume of treated water involved, however, there is still some chance of contamination. Historically, bacteria, if any, will be on the waste (brine) side and will flush out. If your system experiences a period of dormancy of 2 weeks or more, it is always a good practice to discard the first gallon or so. Once your desired TDS is achieved, begin to collect your water for use and/or storage.

WATER REVIVAL SYSTEM



Filter Replacement Schedule

| STAGE | DESCRIPTION | REPLACEMENT INTERVAL |
|-------|--------------------------|----------------------|
| 1, 2 | KDF + Carbon | 12 Months |
| 3 | 5 Micron | 12 Months |
| 4 | Reverse Osmosis Membrane | 36 Months |
| 5 | Primary Deionization | 24 Months |
| 6 | Secondary Deionization | 24 Months |
| 7 | Remineralization | 36 Months |
| 8 | Vortex + Recharging | N/A |
| 9 | Coconut Carbon | 36 Months |

Note: Most customers prefer to replace filters pro-actively in order to maintain PristineHydro™ Water quality standards rather than wait for complete filter component degradation. We developed the above replacement intervals based on “normal” usage and average feed water quality. Actual filter life will vary with frequency of use, total volume produced, and most importantly, source water quality. If you are a heavy user or your water supply is of below average quality, you may need to replace filters more frequently. We highly recommend periodically checking your system’s output water TDS and replacing filters regularly in order to maintain high system performance.

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WATER REVIVAL SYSTEM

Specifications

SYSTEM PERFORMANCE

Daily Production Rate 100 GPD Rated Membrane



FEED WATER REQUIREMENTS

| | |
|------------------------|---------------------------|
| Feed Water | Potable, municipal water |
| Feed Pressure | 40 to 80 PSI |
| Feed Temperature | 45 Deg. F. to 100 Deg. F. |
| Total Dissolved Solids | 600 PPM or less |
| Chlorine | <1.0 mg/l max |
| pH | 4-8 |
| Turbidity | <1.0 NTU (visibly clear) |
| SDI | <5 |
| Iron | 0.2 mg/l or less |
| Manganese | 0.03 mg/l or less |

If any of the parameters are exceeded, please contact the supplier. Pre-treatment or special adjustments may be required.

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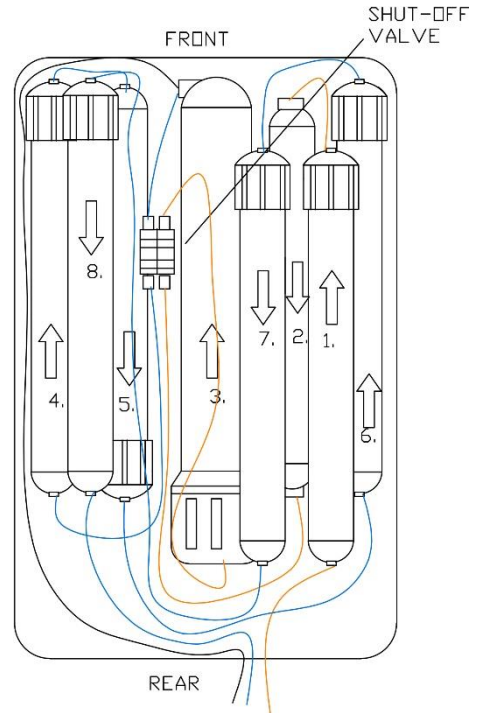
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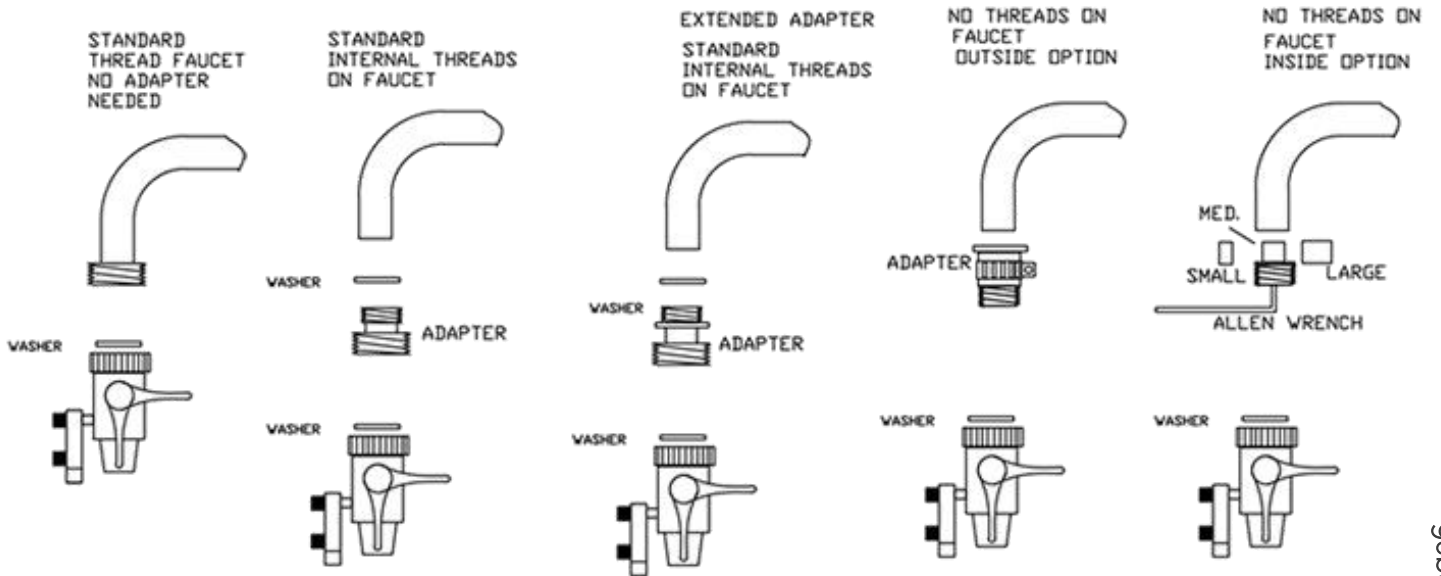
Specifications

TYPICAL INSTALLATION DIAGRAM

1. KDF + Carbon
2. 5 Micron
3. Reverse Osmosis Membrane
4. Primary Deionization
5. Secondary Deionization
6. Remineralization
7. Vortex + Recharge
8. Coconut Carbon



FAUCET ADAPTER CONFIGURATIONS



WATER REVIVAL SYSTEM

Limited Warranty

PLEASE READ AND UNDERSTAND THIS LIMITED WARRANTY BEFORE PROCEEDING WITH INSTALLATION OF THE SYSTEM.

All components except the element(s) are warranted to be free of defects in materials or workmanship for a period of one (1) year from the date of purchase. This limited warranty excludes damage resulting from improper care of handling, accidents, modification, unauthorized repairs, normal wear or other causes which are not defects in materials or workmanship.

If there is a covered defect, PristineHydro™ will repair or replace the product free of charge or issue a refund at its sole discretion. The product is provided “AS IS AND WITH ALL FAULTS”, and PristineHydro™ hereby disclaims all other warranties and/or conditions arising out of the use of the product. PristineHydro™ shall determine coverage under this warranty only after physical inspection and verification of the unit/defect(s) by PristineHydro™. Shipping costs for the return of defective systems to PristineHydro™ shall be at the purchaser’s expense. PristineHydro™ will ship repaired or replacement systems or parts at PristineHydro’s expense.

Elements have a one year pro-rata warranty. If it is established that the element problem is related to material and or workmanship, then the elements will be replaced at no charge in the first month after the date of purchase. A cost of 8 1/3% per month will be charged for each month after the first month. Improper system operation, excessive water temperature (above 100 Deg. F.), failure to prevent chlorine passage into the system, scaling due to water softener or chemical feed operational negligence and general system neglect voids the element warranty.

This warranty covers the cost of materials only. Any labor charges are paid by the system owner. We do not warrant any system or part of a system that has been damaged by neglect, intentional or negligent or improper use, act of nature, fire or vandalism.

PristineHydro™ assumes no warranty liability with respect to defects in any product caused by:

- Customer's unauthorized modification of the product;
- Customer's unauthorized attempt to repair the product;
- Customer's negligent, accidental, or other improper use of the product;
- Customer's installation, operation, or maintenance of the product other than in a manner described in the instruction manual, if applicable;
- Customer's combination of the product with product(s) not supplied by PristineHydro™.

CORRECTION OF DEFECTS BY REPAIR OR REPLACEMENT SHALL CONSTITUTE THE EXCLUSIVE SOLE REMEDY FOR A BREACH OF THIS LIMITED WARRANTY, AND PRISTINEHYDRO™ WILL NOT BE LIABLE FOR ANY CONSEQUENTIAL DAMAGES OR PERSONAL INJURY OR FOR LOSSES, DAMAGES, OR EXPENSES DIRECTLY OR INDIRECTLY RESULTING FROM THE USE OF PRODUCT.



THE ABOVE WARRANTY SUPERSEDES AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AND ALL OTHER OBLIGATIONS OR LIABILITIES OF PRISTINEHYDRO™, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. No agent, distributor, retailer, or other party is authorized to make any warranties on behalf of PristineHydro™ or to assume for PristineHydro™ any other liability in connection with any PristineHydro™ Product.

The construction, validity, and performance of this agreement between PristineHydro™ and customer (purchaser and/or owner of the product) shall be governed by the laws of the State of California, United States of America, without reference to its choice of law rules. Customer expressly submits and consents to the jurisdiction and venue of the State or Federal courts located in Orange County, California, for the trial of any lawsuit arising out of the contract for sale. Any action for the breach of the contract for sale must be commenced within one (1) year after the cause of action has accrued.

FORCE MAJEURE - PristineHydro™ shall not be liable for any default or delay attributable to any cause, circumstance, or contingency beyond its control or the control of its suppliers or manufacturers which prevents or impedes manufacture, supply, or delivery by PristineHydro™. Such causes, circumstances, and contingencies shall include, but not be limited to: acts of God; governmental acts, decrees or restrictions; accidents; wars, riots, or civil

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commotion; fire; strikes, lockouts, or other labor problems; restraints affecting shipment or credit; non arrival or delay of carriers; inadequate or reduced supply or excessive cost of suitable raw materials, transportation or production facilities; and any other causes, circumstances, or contingencies affecting PristineHydro™, its suppliers, or manufacturers as to manufacture, supply, or delivery. In the event of such default or delay, the date for shipment shall be extended correspondingly. PristineHydro™ may make delivery on an equitable basis with reference to all its customers.

WATER REVIVAL SYSTEM

Installation



1. **REMOVE FAUCET AERATOR** - Remove the existing aerator from the faucet. If it's too tight to remove by hand, use a rubber wrench or pliers. If you have never removed the aerator before, you may find that it is very difficult to move.

Some faucet aerators require special service tools for removal. Consult with the manufacture for details.



2. **FAUCET ADAPTER DIVERTER VALVE** - Depending upon the thread type and depth of your existing faucet you may need to install one of the provided faucet to Diverter Valve Adapters. Once determined, firmly tighten adapter in place of aerator. Now you can fasten the diverter valve to the faucet. Be careful not to over tighten and do not use plumber's tape of any kind.



3. **WATER PRODUCTION** - Once the Diverter Valve is firmly in place, CLOSE the Valve by turning the lever to the horizontal position. If the valve is in the OPEN position, water will run freely out, bypassing the filters.

Be sure the Reverse Osmosis Membrane Flush Valve is in the (CLOSED) position.



4. Now it is safe to run COLD-WATER through the system. OPEN the Fill Valve on the **BLUE** 1/4" tubing to dispense the product water. Waste water will exit through the **BLACK** 1/4" tubing and out of the Diverter Valve.

DO NOT LEAVE THE SYSTEM UNATTENDED WHILE MAKING WATER.

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WATER REVIVAL SYSTEM

Maintenance

- Every week or so, it is recommended to flush the Reverse Osmosis Membrane.
 1. OPEN the Fill Valve to relieve system pressure.
 2. OPEN the Flush Valve (in-line with **BLACK** 1/4" tube).
 3. Turn ON the water source.
 4. Unrestricted brine (waste) water will now flow from the Reverse Osmosis Membrane through the **BLACK** 1/4" tube bypassing the Flow Restrictor and down the drain. This helps flush deposits and significantly increases the usable life of the Reverse Osmosis Membrane.
 5. After 2 to 3 minutes CLOSE the Flush Valve (perpendicular with **BLACK** 1/4" tube).
 6. Turn OFF the water source and CLOSE Faucet.
- Your system includes a handheld TDS (total dissolved solids) meter to monitor the water quality. Average readings should be 20-100 ppm when the water flows through the Remineralization cartridge. Ranges vary because the chemistry varies with different water sources.

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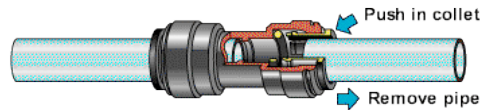
Filter Replacement

SYSTEM PREPARATION (pre-service check)

1. Turn OFF your COLD-WATER feed source.
2. OPEN Fill Valve to relieve system pressure.

FILTER REPLACEMENT

1. Remove tubing from the filter you wish to replace by pushing in the collet on the quick connect fitting while simultaneously pulling on the tubing.



2. Replace the filter with the new unit taking note of the direction of flow.
3. Fully insert tubing back into fitting until it hits the internal stop.
4. Give the tube a gentle tug to ensure proper connection.

RO MEMBRANE REPLACEMENT

1. Identify and remove the membrane housing from the filter bracket for easier service.
2. Unthread the cap from the membrane housing.
3. Remove membrane using a pair of pliers.
4. Clean membrane housing with a brush.
5. When installing the new membrane be sure to push the membrane into the housing as far as it will go.

SYSTEM FLUSH (post-service check)

1. Turn ON your COLD-WATER feed source.
2. CLOSE the Diverter Valve and pressurize system.
3. Allow several minutes to ensure the system is completely filled with water.
4. Check all fittings and tubing for leaks.
5. OPEN the Fill Valve to flush out filters. Leave OPEN for 1-2 hours.
6. Turn OFF your COLD-WATER feed source.
7. CLOSE Fill Valve for storage.

CHECK FOR LEAKS DAILY DURING THE FIRST WEEK OF USE AND PERIODICALLY THEREAFTER

WATER REVIVAL SYSTEM

Troubleshooting

Note: Turn OFF the SYSTEM before servicing or inspecting

| PROBLEM | CAUSE | SOLUTIONS |
|---|--|---|
| Milky colored water | - Air in the system | * Air in the system is a normal occurrence with initial startup of system. This milky look will disappear during normal use within 1 to 2 weeks |
| Fishy smell | - New filters | * Slight odor is a normal occurrence with initial startup of system. OPEN Fill Valve and run water through the system until odor is removed. |
| Noises from system | - Flush Valve OPEN | * CLOSE Flush Valve. |
| Slow stream from Faucet | - System just starting up | * Normally it takes 15-25 minutes to produce 1 gallon. Low water pressure and/or temperature can reduce production rate. |
| No water or slow production from Faucet | - Low water pressure - Crimps in tubing - Clogged pre-filters - Fouled Reverse Osmosis Membrane - New System | * Add a booster pump * Make sure all tubing is straight * Replace pre-filters * Replace Reverse Osmosis Membrane * Wait at least 5 minutes for water to travel through System to Faucet |
| Unusual taste or smell | - Coconut Carbon is depleted - Fouled Reverse Osmosis Membrane - Fouled Deionization Cartridge | * Replace Coconut Carbon. * Replace Reverse Osmosis Membrane. * Replace Deionization. |
| No drain water | - Clogged Flow Restrictor - Clogged Auto-Shut Off - Clogged Filter | * Replace Flow Restrictor. * Replace Auto-Shut Off. * Replace Filter |
| Leaks* | - Fittings are not tightened - Loose tubing | * Tighten fittings as necessary. * Make sure tubing is fully seated in fittings. |

**Leaks should be taken seriously. Immediately consult with the service center of the installer.*