

# WATER REVIVAL SYSTEM

## Travel/Portable



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

**SAVE FOR FUTURE REFERENCE**

**MODEL:** WRS-TP3

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**PURCHASE DATE:**

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**INSTALL DATE:**

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**SOLD BY:**

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**INSTALLED BY:**

---

**SERVICE CENTER PHONE NUMBER:**

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# 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 be replaced with **PristineHydro Authorized Replacement Filters** only and on a regular 12, 24, and 36 month basis (depending on filter component type) in order to maintain system efficiency and to ensure 100% acid and contaminate free water production. These cartridges 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 familiarity with standard sink plumbing and proper use of common hand and power tools. If you are not familiar with plumbing or have any difficulty with the installation of this system, consult a licensed professional, such as a contractor or plumber.

**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 unit, 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 reject (drain) side and will flush out. If your system experiences a period of dormancy of a month 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/storage.

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## Filter Replacement Schedule

STAGE	DESCRIPTION	REPLACEMENT INTERVAL
1, 2	KDF + Carbon	12 Months
3	5 Micron	12 Months
4	RO Membrane	36 Months
5	Primary Deionization	24 Months
6	Secondary Deionization	24 Months
7	Remineralization	36 Months
8	Vortex / Reprogramming / 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.*

# 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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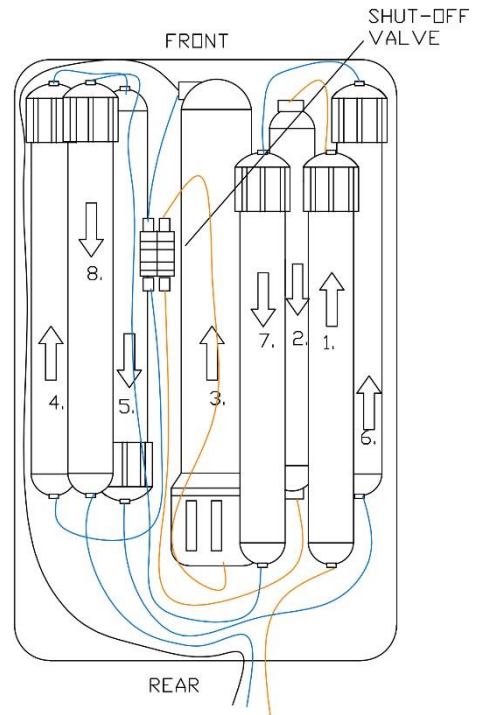
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# WATER REVIVAL SYSTEM

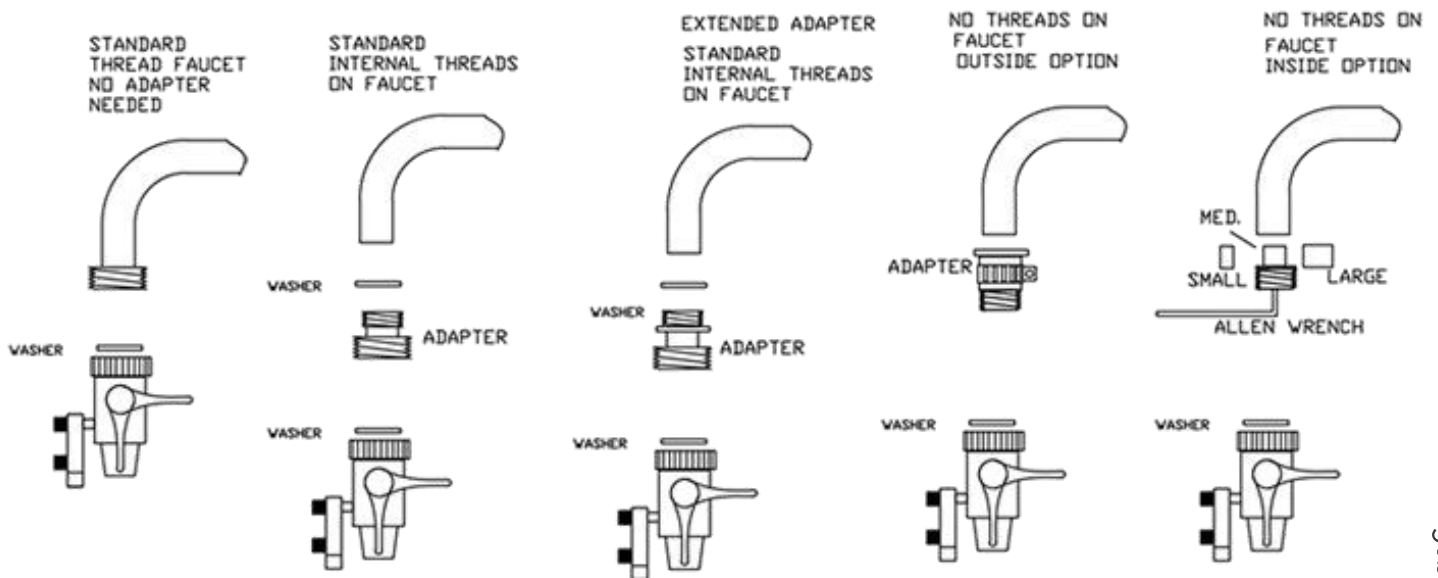
## Specifications

### TYPICAL INSTALLATION DIAGRAM

1. KDF + Carbon
2. 5 Micron
3. Reverse Osmosis
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 commotion; fire;

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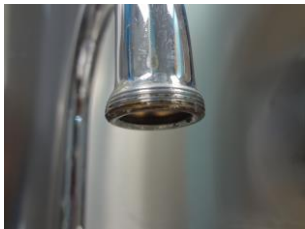
strikes, lockouts, or other labor problems; restraints affecting shipment or credit; non arrival or delay of carriers; inadequate or reduced supply or excessive cost of suitable raw materials, transportation or production facilities; and any other causes, circumstances, or contingencies affecting PristineHydro, 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** - Unscrew the existing aerator from the faucet spout. 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.



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. Also, be sure the Reverse Osmosis Flush Valve is set in the (off) position. Now it is safe to run COLD WATER through the system. Open the fill valve on the blue line to dispense the product water. Waste water will exit through the black line and out of the diverter valve.



### **DO NOT LEAVE THE SYSTEM UNATTENDED WHILE MAKING WATER.**

4. **MAINTANANCE** - Every month or so, open the membrane flush valve (turn CCW) about 1/2 turn and leave in that position for 2 or 3 minutes. Close tightly.

5. **TDS TESTING** - Your system includes a handheld TDS (total dissolved solids) meter to monitor the water quality. Average readings should be 10-40 ppm when the Remineralization cartridge is completely bypassed. Average readings should be 40-100 ppm when the water flows through the Remineralization cartridge. Ranges vary because the chemistry varies with different water sources.



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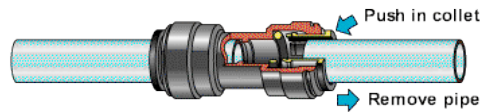
## Filter Replacement

### SYSTEM PREPARATION (pre-service check)

1. Turn off cold water feed adapter.
2. Open fill faucet to relieve 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 cold water feed adapter and pressurize system.
2. Allow several minutes to ensure the system is completely filled with water.
3. Check all fittings and tubing for leaks.
4. Open fill faucet to flush out water filters.
5. Close faucet after several minutes.
6. Turn off cold water feed adapter.