



MINERAL MIZER

DEIONIZED WATER SYSTEM

INSTALLATION, OPERATION & SERVICE MANUAL





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Introduction

Congratulations on your purchase of the Mineral Mizer autoclave water system. The Mineral Mizer produces deionized (DI) water from tap water, allowing you to exit the boiled & bottled distilled water hamster wheel. When routinely serviced, your Mineral Mizer will economically & reliably deliver all of your DI water needs for years to come.

The DI water produced by the Mineral Mizer normally registers at 000-002 parts per million (ppm) on a handheld total dissolved solids (TDS) tester.

Applications

Use the Mineral Mizer's DI water for the following applications:

- **Autoclaves & Sterilizers** – Scale formation in the boiler is the leading cause of autoclave & sterilizer service calls. Tap water causes film and scale that lead to thermal inefficiency, increased maintenance and downtime. Mineral Mizer's DI water is even suitable for sterilizers programmed to reject water when mineral content exceeds a predetermined level.
- **Irons and Steamers** - Prevent scale buildup in appliances that boil water by using DI water instead of tap water.
- **Distilled water applications** - The DI water produced by the Mineral Mizer can be used for any application calling for distilled water.

Now you can relax and enjoy the benefits of creating your mineral-free DI water on-site. No more:

- strain & injury from carrying heavy bottles from storage and lifting them onto dispensers.
- trips to the grocery store to purchase distilled water bottles.
- waiting for the on-site distiller to drip out a gallon of water while spinning the electric meter.

Your equipment will benefit from the great water quality. Employees will love life without bottled water. You'll feel great about the green you save and the greening of your business by converting tap water directly into mineral-free DI water.

Definitions

Within the context of this manual, we use the following definitions:

- Deionized (DI) – water that is nearly free from ions, the most common of which are metals (minerals) and chlorides. DI water is produced by filtration of the source water.
- Mineral-free – water nearly devoid of all mineral contamination.
- Total dissolved solids (TDS) – the mineral content of a water sample.
- Parts per million (ppm) – the scale used to measure mineral content of a water sample.
- Distilled water – water that is mostly free from ions. Distilled water is produced by vaporizing and condensing the source water.

Warnings

The DI water produced by the Mineral Mizer is not recommended for human consumption. Although there is no FDA warning concerning such consumption, some believe that mineral-free waters leach minerals from the body. O-SO Pure makes no claims concerning the fitness of the Mineral Mizer's DI water for human consumption.

The Mineral Mizer does not produce bacteria-free water nor does it attempt to sanitize or disinfect the water. Feed water must be microbiologically safe.

Caution

The Mineral Mizer must be protected against

- freezing temperatures
- excessive heat
- excessive water pressure
- water hammer.

Failure to do so may result in breakage of water bearing components and water leakage.

O-SO Pure recommends that feed water to the Mineral Mizer be turned off when the office is unattended.



Before You Begin

It is important to correctly identify which Mineral Mizer model you are installing as this manual includes instructions for all models.

MODEL	DESCRIPTION	INSTALL IN	TANK(S)	DI WATER DISPENSE	RO WATER DISPENSE
DWS-SADI	Mineral Mizer	SC* or MR*	steel 6 gallon	red faucet	Chrome faucet
DWS-SADI-D	Mineral Mizer w/ attached gun	SC*	steel 6 gallon	gun (15 ft)	Chrome faucet
DWS-SADI-R	Mineral Mizer w/remote dispensing gun	MR*	steel 6 gallon	remote gun (15 ft)	Chrome faucet

*SC- sterilization center; MR- mechanical room

Please take a moment to review this manual before proceeding with the installation.

Supplied Items Checklist

Take inventory of all items supplied to ensure none are missing. The box should contain the following:



Mineral Mizer Head



Filters



Spanner Wrench



Filter Housings



Blue 3/8" Tube



Feed Water Tube w Press Reg- red



drain tubing (black)



tank



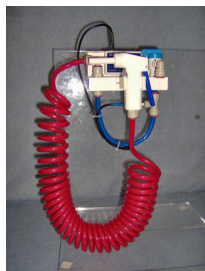
Drain Saddle



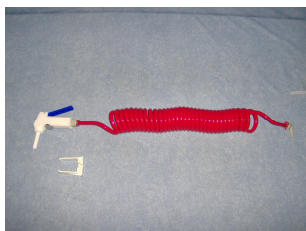
Angle Stop Valve



chrome faucet



Remote Dispensing Gun
(if SADI-R)



Dispensing Gun w Coiled Hose
(if SADI-D)

(OR)



Red Faucet
(if SADI Classic)

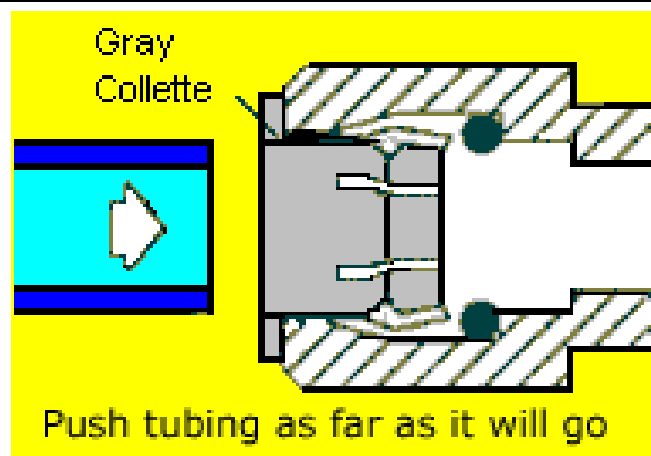
If any items are missing or any components are damaged, contact and notify your dealer.

Push-to-Connect (PTC) Fittings Primer

The manufacturer makes extensive use of PTC fittings in the construction of this device. These fittings will last many leak-free years when properly cut tubing is properly inserted into them. Never cut tubing with a scissors as this crushes and deforms the new tubing ends. Instead, slice the tubing with a razor edge such as a box cutter or a tubing cutter specifically designed for this task. Please review the inset at right before continuing.

Pre-installation Site Inspection

Ensure that the Mineral Mizer and storage tank will fit into the desired location. If inside a cabinet, the Tank is usually placed at the back and the Mineral Mizer is positioned on the right side of the cabinet, providing maximum viewing exposure to the right & center clear filter sumps. If this is a Mineral Mizer II, make sure that it is placed within the 15 foot range of the dispensing gun assembly. Hand-tighten the filter sumps onto the Mineral Mizer head before placing it into the cabinet for spatial planning purposes. The filter housings must be removed for periodic service so keep accessibility in mind.



Quick Connect Fittings

All connections are quick connect fittings except for the compression fitting at the inlet saddle valve, drain saddle valve and storage tank shutoff valve.

To Prepare Tubing

- Cut the tube squarely and remove any burrs.
- Mark from the end of the tube the length of insertion. (1/4" O.D. - 11/16", 3/8" O.D. - 3/4")

To Insert Tubing into Fitting

- Insert tube straight into fitting until it bottoms out on interior shoulder and insertion mark is no longer visible.

To Release Tubing

- Push collet toward body and pull on tubing to release tube. To re-use fitting, begin assembly over again.

Pay Attention to All Warnings

Read and adhere to all warnings contained within this manual.



IMPORTANT WARNING - PLEASE READ

System Flushing: The reverse osmosis (RO) membrane and the post-polishing filter in this system both contain materials to prevent microbiological growth and freezing. If ingested, these may cause irritation of the gastrointestinal tract, colic, diarrhea or other symptoms and is also unfit for use as autoclave water. The first 5 gallons of water produced by a RO membrane and the post-polishing filter must be discarded (flushing of both components occurs simultaneously). Follow the instructions in this manual to ensure this flushing takes place.

Feed Water Quality: This RO system should not be used for treatment of water that is microbiologically unsafe or of unknown quality. Unsafe water can cause proliferation of bacteria within the Mineral Mizer, which can lead to the water being unsafe to handle. If the feed water quality is unknown, have a sample of the water tested by a qualified laboratory or agency and implement the necessary measures to ensure a safe water supply.

Installation Guide

Locate the Mineral Mizer

1. Mount the back panel of the Mineral Mizer head on a wall that will provide access to change the filters. If cabinet mounting, mount the Mineral Mizer so that the right side is closest to the front. Locate the mounting screws using the system-mounting TEMPLATE provided or simply mark and drill three mounting holes 6.5" apart along a horizontal line at least 18" above the floor. A-dec MSMD cabinets produced after April 22, 2011 have Mineral Mizer mounting hardware pre-installed at the factory.
2. If the Mineral Mizer will be moved to make routine service easier, move it to that location now. For example, if it is to be mounted inside a cabinet, the service location may be on the floor directly in front of that cabinet.
3. Place the water Tank within 10 feet of the Mineral Mizer. For a cabinet install, place the Tank in the back of the cabinet with its valve facing the wall where the Mineral Mizer will be mounted.

Install plumbing modifications

4. Turn OFF the cold water supply.
5. **Angle Stop Valve** - Remove the Angle Stop Valve from the installation kit. Beneath the sink, disconnect the faucet's cold water tube from its associated stub plumbing. Install the Angle Stop Valve on the cold water stub plumbing. Reconnect the faucet's cold water tube to the top of the Angle Stop Valve. Close the Angle Stop Valve and turn on the cold water supply, checking for leaks.
6. **Install the chrome and red faucets**- Install the chrome & red faucets per its included instructions. Location options include the sink pop-out or through the countertop overhanging the sink.



Drain Saddle (installed)

NOTE: Some state or local codes may require that the drain saddle be served by a trap other than the one serving the garbage disposal. Before installing, please check with code authorities.



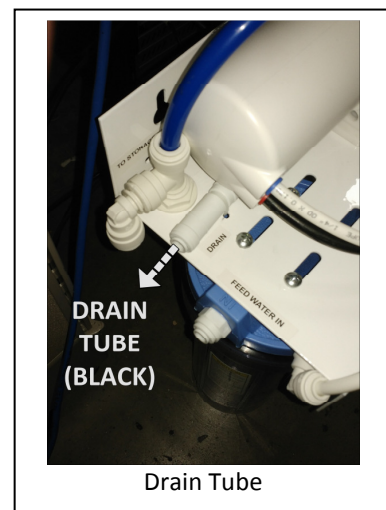
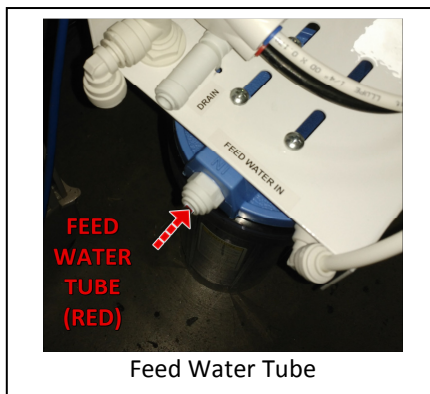
7. **Drain Saddle** – The Drain Saddle installs on a standard 1½" O.D. vertical section of drain pipe. Install it above the trap and away from the garbage disposal outlet, if any. Position it to allow adequate space for drilling through the pipe, angling the fitting in the direction of the Mineral Mizer installation. Tighten the Drain Saddle evenly and firmly so a good seal is made. Avoid over tightening. Drill a 5/16" hole in the drain pipe through the drain fitting opening while supporting the drain against drilling pressure.

Connect the Mineral Mizer to plumbing

8. **Filter Sumps** - Remove the plastic shrink wrap from all filters. Place the filter with the yellow dot in the left Filter Sump and install it on the filter cap marked with a yellow dot on the bracket. Place the filters with the red dots in the center and right Filter Sumps, again marked by corresponding dots on the bracket. Hand-tighten all the Filter Sumps so they are snug. Do not use the provided filter wrench to tighten the filter Sumps unless absolutely necessary. Place the Mineral Mizer in its service location.

9. **Drain Tube (black)** - After cutting to the appropriate length, connect the Drain Tube between the Mineral Mizer's check valve marked **To Drain** and the Drain Saddle fitting.

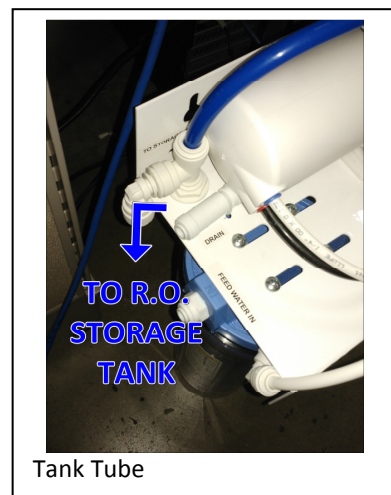
10. **Feed Water Tube (red)** – After cutting to the appropriate length, insert the elbow end of the Feed Water Tube into the fitting marked **To Feed Water** and the other end into the Angle Stop Valve fitting previously installed on the sink plumbing.

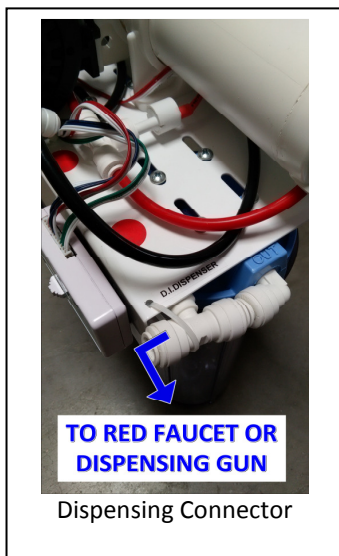


11. **Tank Tube (blue)** – Connect the Tank Tube to the 3/8" elbow on the Storage Tank Connector at back left, while the other end hooks up to the elbow ball valve on the storage tank. Keep tank valve **CLOSED** for the moment.

12. D.I. Dispensing Connector (blue)

***FOR DWS-SADI (DISPENSING CONNECTOR TO RED FAUCET):** Insert one end of 3/8" BLUE Tube length into D.I. Dispensing Connector and the other end into the bottom of the Red Faucet. Install the Red Faucet per its included instructions. Location options include the sink pop-out or through the countertop overhanging the sink.





***FOR DWS-SADI-D (DISPENSING CONNECTOR TO DISPENSING GUN):** Insert The elbow end of the Dispensing Assembly into the fitting marked *Dispenser*.

***FOR DWS-SADI-R (DISPENSING CONNECTOR TO REMOTE DISPENSING GUN):** Insert one end of 3/8" BLUE Tube length into D.I. Dispensing Connector and the other end into fitting on remote dispensing gun bracket (*See the DWS-DIDG User's Manual*).

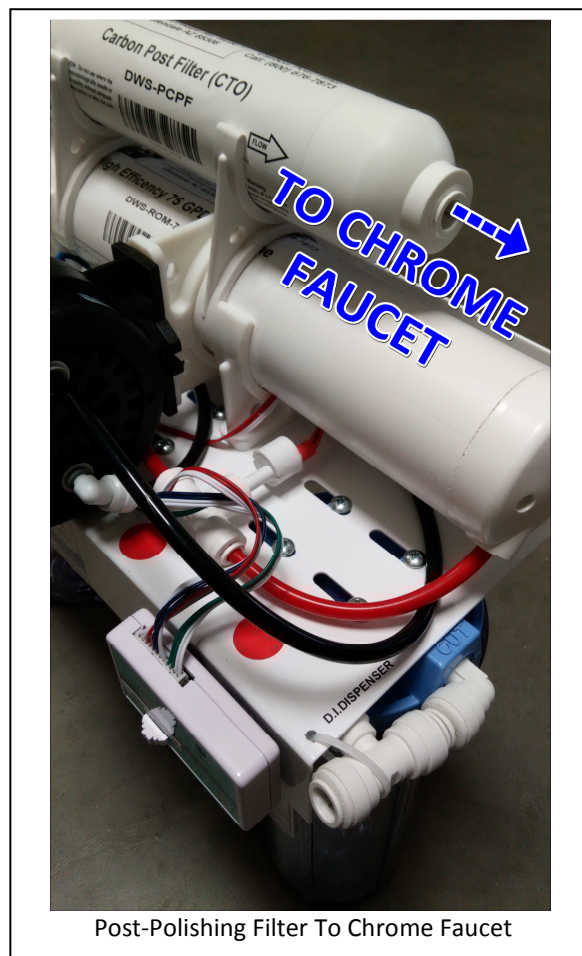
13. **Post-Polishing Filter Tube (blue)** –Connect a 3/8" BLUE tube to the open port on the right side of the Post-Polishing Filter, and then connect the other end to an already-installed chrome faucet.

Pressure Test Unit For Leaks

14. Turn on the water supply by opening the Inline Valve on the Feed Water Tube, while making sure that the tank valve and both faucets are all CLOSED. This will create enough water pressure in the system to see if there are any possible leaks coming from system. Tighten the Filter Sumps with the Sump Wrench if necessary. Check the tank for leaks at valve as well.

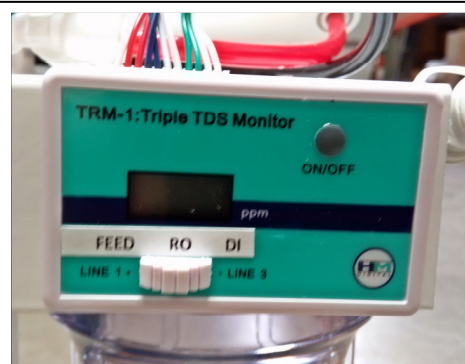
Production Startup

15. Open the RO Tank valve.
16. Turn ON the water supply by opening the Inline Valve on the Feed Water Tube.
17. Open Chrome Faucet.
18. Allow the Mineral Mizer to produce water for 4 hours. (You will see black carbon fines for awhile during the initial flushing of the final filter during startup. This is normal and will cease).
19. Close Chrome Faucet, open Tank Valve and allow the tank to fill (should take approx. 3 hours).
20. Once the tank is filled, open Red Faucet (SADI Classic) or the Dispensing Gun (SADI-D & SADI-R) until all air is purged and the water flows smoothly. Close the Red Faucet, make sure that the tank valve is open and allow tank to completely fill until the DWS-SADI stops making water (*tank is full when the black permeate pump on mounting bracket stops making noise*).





21. The Mineral Mizer is now ready for use. To check the mineral content, slide the Water Quality Monitor's switch to the **FEED** position. Turn the monitor on by pressing its ON/OFF switch. The display shows the water's mineral content, expressed in ppm TDS. This number will normally be in the 000 - 002 range. If the number is higher than 004, allow the tank to fill until the display is consistently in the 000 – 002 range and then discard the water as before. This should take no more than a few minutes. It will take about 3 hours to fill the Tank, depending on local water pressure and temperature.



Water Quality Monitor slide switch settings

FEED - Displays the mineral content of the feed (tap) water.

RO – Displays the mineral content of RO water.

DI – Displays the mineral content of the DI water coming out of the red faucet or dispensing gun, destined for your boiled water applications.

Rejection rate test

You can test the efficiency (mineral rejection rate) of the RO membrane as follows:

- Turn off the Feed Water Valve.
- Turn off the Tank valve.
- Release system pressure by opening the faucet valve over the sink.
- Turn on the Feed Water Valve.
- Slide the switch to the FEED position and hold the faucet open until the reading stabilizes. This is the feed water TDS.
- Slide the switch to the RO position and hold the faucet open until the reading stabilizes. This is the RO water TDS.
- Compute the mineral rejection rate = $1 - (\text{RO water TDS} / \text{feed water TDS})$.
- Recording the mineral rejection rate over time shows the "health" of the RO membrane. This directly affects the amount of 000 TDS water produced by a set of DI filters.

22. Call O-SO PURE at 800-676-7873 to register this equipment. Please provide the following information:

- *serial #,*
- *practice name,*
- *doctor name,*
- *practice address,*
- *practice responsible party with phone & email info.*



Operating Theory

The Mineral Mizer utilizes several modern water technologies to cost-effectively purify your tap water supply into buffered low-mineral water for dental unit bottles, or mineral-free, autoclave-grade water.

- **Pre-Filter** - The yellow dot pre-filter contains a combination sediment & carbon block filter. Its function is to remove suspended particles, chlorine and chemicals from the feed water, reducing the incidence of reverse osmosis (RO) membrane clogging and chemical degradation. The pre-filter element must be replaced every twelve months or earlier depending on the quality of the feed water.
- **Reverse Osmosis (RO) Module** - The RO module contains a semi-permeable membrane. Its function is to divide the RO feed water into separate permeate (low mineral) and brine (high mineral) streams. This is accomplished by applying hydraulic pressure greater than the osmotic pressure in water containing dissolved solids, effectively allowing water molecules to pass through the membrane while rejecting most other molecules. The productivity of the RO membrane is measured in 2 ways:
 - water efficiency – the percentage of RO feed water that is converted to permeate water.
 - rejection rate – the percentage of minerals rejected from the RO feed water.

Both of these measures are directly affected by the RO feed water pressure and temperature. The life of the membrane is determined by measuring the decline in the membrane's rejection rate over time. Sans this level of measurement, the membrane should be replaced every 24 to 36 months. (This could be earlier depending upon quality of feed water).

DI Filters - The red dot DI filters contain two types of beads coated with ion exchange resin. One type absorbs molecular calcium and magnesium while the other absorbs chlorides. In exchange, the resins release hydrogen and hydroxide ions which combine to create additional water molecules. DI filters have a specific capacity to absorb minerals so the volume of DI water produced by a 2 filter set varies based on the mineral content of the feed water and the rejection rate of the RO membrane. The DI filters must be replaced when exhausted (TDS ppm > 5), and at least once annually.

Servicing your Mineral Mizer

Schedule

This schedule is designed for the average potable water supply and should be followed to ensure the proper functioning of your Mineral Mizer.

PART #	SERVICE INTERVAL	PRE-FILTER	DI FILTER	RO MEMBRANE	POST-FILTER
DWS-RPKSD*	Annual	1	2		1
DWS-LDPF	Only if pre-filter clogs between annual service events	1			
DWS-LRDC2	Only if TDS rises above 5 ppm between annual service events		2		
DWS-ROM-75HE	3 years (2 years if TDS IN > 150 ppm)			1	

These filters may be ordered by contacting the dealer through whom you purchased your Mineral Mizer. Feel free to contact O-SO Pure at 800-OSO-PURE (800-676-7873) for assistance in ordering from your dealer or by emailing your name, practice phone # and desired part # to order@osopure.com.

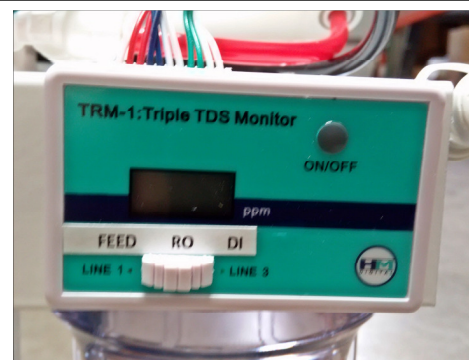


Filter Stocking Strategies

- Although each Mineral Mizer arrives with a complete filter set, all practices will benefit by ordering an annual service kit (DWS-RPKSD*) once installation is complete. This ensures the immediate availability of each filter type until the practice's unique filter replacement interval(s) emerge.
- Mineral Mizers processing soft feed water (TDS < 150 ppm) may require only the DWS-RPKSD* annually, depending on volume of DI water produced. In this case, all the filters should be changed.
- Mineral Mizers supplied with hard feed water (TDS > 150 ppm) may require the DWS-RPKSD* annually and 1 or more DWS-LRDC2s between annual service intervals. In this case, the practice may elect to change only the pre-filter at the annual service interval and the DI filters when they are exhausted (TDS > 5 ppm). If the weekly volume of DI water produced is consistent, a DI filter service interval unique to the practice will emerge.
- Feed water with high sediment content will cause clogging of the pre-filter. As the pre-filter clogs, production of DI water diminishes only slightly until the end of the pre-filter's productivity, making it appear that the Mineral Mizer stops working abruptly. This practice should keep 1 or more pre-filters in stock and may wish to change the pre-filter proactively once a clogging pattern emerges.
- Be aware of changes to your DI water usage pattern / volume that may consume more DI water than originally anticipated, resulting in more frequent changes of the DI filters. Some possibilities include consumption by staff, taking water for home use or new boiled water applications.

Changing Filters

1. Turn off the water supply by closing the Inline Valve on the Feed Water Tube.
2. If this filter change is the result of a high TDS water reading (TDS ppm >5), discard the Tank water by opening the Chrome Faucet over the sink until water flow stops. Release the valve.
3. Close the Tank valve.
4. Replace only one Filter at a time. Note the color dot for the Filter Sump upon which you are working. Using the Sump Wrench, remove the Filter Sump and discard its filter and water. Remove the plastic shrink wrap from the Filter and place it in the Filter Sump. Reinstall the Sump on the filter cap. Hand-tighten the Filter Sump so it is snug. Repeat this step until all filters for this service interval are replaced.
5. Turn on the water supply by opening the Inline Valve on the Feed Water Tube (inline to tube direction) and inspect the Mineral Mizer and tank for leaks. Tighten the Filter Sumps with the Sump Wrench if necessary.
6. Open the Tank valve (inline to tubing direction).
7. The Mineral Mizer is now producing water. To check the mineral content, slide the Water Quality Monitor's switch to the **DI** position. Turn the monitor on by pushing its ON/OFF switch. The display shows the water's mineral content, expressed in ppm TDS. This number will normally be in the 000 - 002 range. If the number is higher than 004, allow the tank to fill until the display is consistently in the 000 - 002 range and then discard the water as before. This should take no more than a few minutes.



Water Quality Monitor slide switch settings
FEED - Displays the mineral content of the feed (tap) water.
RO - Displays the mineral content of RO water.
DI - Displays the mineral content of the DI water coming out of the red faucet or dispensing gun, destined for your boiled water applications.



8. It will take about 3 hours to fill the Tank, depending on local water pressure and temperature. You will see black carbon fines for awhile during the initial flushing of the final filter after a filter change. This is normal.

Sanitizing the Mineral Mizer

Because the DI water produced by the Mineral Mizer is intended to be boiled, the bacterial content of this water isn't normally a concern. If, however, there is evidence that bacterial contamination is becoming a problem with your Mineral Mizer, following this procedure to perform a complete sanitization cycle.

Materials required

- Mild soap solution - Soap used should be as basic as possible and not contain any fragrances or additives.
- Soft brush - Don't use scouring pads or instruments that can scratch surfaces.
- Measuring spoon or device.
- Household bleach – unscented, typically containing 5.25% sodium hyperchlorate.
- One (1) Gallon of potable water - to mix up a disinfectant solution.
- Drip pan or catch basin - to collect any solution or water spilled.
- Paper towels - to cleanup any spills.
- Silicone Based Lubricant or KY Jelly- to apply to O-Rings. Don't use petroleum-based lubricants.

Other requirements

- Before beginning installation and/or sanitization procedure, make sure that all tools used are disinfected.
- Thoroughly wash hands with soap before beginning installation and/or sanitization procedure. If your hands come into contact with any unsanitary surface while performing this procedure or the installation, hands should be rewashed with soap.
- Any surfaces used to work with to set various components on to dry, should be cleaned and disinfected.
- Replacement filters, membranes and cleaned components should be handled as little as possible.
- A new pair of latex or surgical type gloves may be used to perform any sanitization procedure. If the gloves come into contact with any unsanitary surface while performing this procedure, the gloves should be disinfected or replaced.

Sanitization Procedure

1. Turn off the Inline Valve on the Feed Water Tube.
2. Discard the Tank water by opening the valve of the Chrome Faucet over the sink until water flow stops. Release the valve.
3. Place the Mineral Mizer into the drip pan or basin to catch water remaining in the housings as you remove the Filters and RO membrane.
4. Disconnect the feed tube from the RO membrane module. Unscrew the end cap and remove the membrane. Discard the RO membrane if replacing or place it on a disinfected surface.
5. Remove the Filter Sumps with the Sump Wrench and remove the Filters.
6. Using a cloth or soft brush, clean the Filter Sumps and RO membrane housing with soap and clean water.
7. Lubricate the Filter Sump and RO membrane cap O-rings with silicone lubricant.
8. Reinstall the red dot Filter Sumps (no filters).
9. Reinstall the RO membrane cap and reconnect its feed water tubing.
10. Mix a disinfectant solution of 1 teaspoon of 5.25% bleach in 1 gallon of water.



11. Pour the disinfectant solution into the yellow dot pre-filter sump and reinstall it.
12. Open the Inline Valve on the Feed Water Tube. Open the Chrome Faucet at the sink until water streams from the faucet. Release the faucet valve, allow the Tank to fill for 10 minutes and close the Inline Valve on the Feed Water Tube.
13. Let the disinfectant solution sit in the system for 20 minutes.
14. Discard the disinfectant solution by opening the Chrome Faucet over the sink until water flow stops. Release the valve.
15. Install the filters into the Filter Sumps using the instructions for filter replacement on page 11.

Trouble Shooting Guide

PROBLEM	
Probable Cause	Solution
NO WATER OR NOT ENOUGH WATER	
Feed water shut off	Turn on feed water
Storage tank valve shut off	Open tank valve
Plugged or crimped lines	Remove blockage or crimp in lines
Pre-filter cartridge clogged	Replace pre-filter cartridge
Low feed water pressure	Feed water pressure at membrane must be 40+ psi
LOW FLOW RATE FROM FAUCET / DISPENSER	
Storage tank valve partially closed	Open tank valve completely
Low air pressure in storage tank	Increase air pressure to 7 psi in storage tank with product water drained
Water leaking from storage tank air valve	Storage tank bladder perforated. Replace storage tank.
HIGH PRODUCT WATER TDS	
DI filters exhausted	Replace DI filters
DI FILTER CHANGE INTERVAL DECREASING	
Staff using more mineral-free water	New mineral-free water application Staff drinking water
RO membrane life expired	Replace membrane
Increase in feed water supply TDS	This sometimes happens especially when the municipal water utility seasonally uses more well water to satisfy demand.
WATER SMELLS "FISHY"	
DI filters exhausted	Replace DI filters



Warranty

O-SO PURE 1-YEAR LIMITED WARRANTY

For new products: DWS-008, DWS-DDI, DWS-POE, DWS-SADI, DWS-HERO

O-SO PURE warrants this product to be free from defects in workmanship and material under normal usage and service as follows: All components are warranted for a period of one (1) year from date of installation or thirteen (13) months from date of shipment, whichever is sooner, with the following exceptions:

- Filters
- UV lamp

This Warranty excludes damages that, in the opinion of O-SO PURE, resulted from:

- shipping, improper installation or unauthorized alteration,
- misuse or negligence,
- exposure to the elements, including but not limited to: direct sunlight, excessive heat, freezing temperatures, humidity or rainfall,
- accident or excessive wear,
- use with any products not intended for its use,
- acts of God, labor disputes, transportation strikes, or any conditions beyond O-SO PURE's control.

Repairs must be performed by an O-SO PURE authorized agent with parts obtained from O-SO PURE.

O-SO PURE reserves the right to make revisions to the design or manufacture of this product model without obligation to owner of this product.

If a defect in material or workmanship is discovered within the warranty period, O-SO PURE's sole obligation will be to repair or replace, at its election, the product FREE OF CHARGE upon receipt of the product at O-SO PURE's repair facility with proof of date of purchase. Return shipping will be billed to owner. Contact O-SO PURE at 800-OSO-PURE to arrange shipment.

****IMPORTANT: To ensure proper treatment of source water, purchaser must replace all filters and the UV lamp (if applicable) as directed in this manual. Failure to service this product as directed voids this Warranty. Filters and UV lamps (if applicable) must be purchased from O-SO PURE for ANY and ALL CLAIMS TO BE BACKED BY O-SO PURE.**

DATE OF PURCHASE: _____

DISCLAIMER OF WARRANTY: The foregoing warranty ("Warranty") is in lieu of all other warranties, express or implied, including but not limited to, any implied warranty of merchantability or fitness for a particular purpose.

Limitation of Remedies: Buyer's sole and exclusive remedy against O-SO PURE, its employees, agents or representatives shall be for the repair or replacement of the device as provided for in the Warranty accompanying this Disclaimer. O-SO PURE, its employees, agents and representatives shall not be liable for consequential damages or any other loss that the purchaser or any other person or entity suffers or incurs by use of the product subsequent to purchase of the product from O-SO PURE. This Disclaimer shall apply, without limitation, to any claims made by the original purchaser or any third-party claim.

No Other Warranties: O-SO PURE gives no warranties, express or implied, other than those contained in the Warranty accompanying the product. This writing and the Warranty constitute the final, complete and exclusive statement regarding the terms of the Warranty. Any statements made by any salespersons or agents of O-SO PURE shall NOT be relied on by the buyer or any other party, and are NOT part of the Warranty. No employee, agent or representative of O-SO PURE or any other party is authorized to make any warranty in addition to the Warranty, either written or implied.



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Certificate of Referral

Please let your professional network know how this system assists in your practice. Give them a copy of this page and they will receive a \$50 rebate on the purchase of an eligible O-SO Pure system. We'll send you a \$25 referral fee when they purchase using this certificate.

This certificate entitles the holder to a \$50 rebate on the purchase of an O-SO Pure water system.

Purchaser Info

Name _____

Practice Name: _____

Address: _____

City/State/Zip: _____

Email: _____

Phone: _____

Referring Party Info

Name: _____

Practice Name: _____

Address: _____

City/State/Zip: _____

Email: _____

Phone: _____

Redemption Instructions & Restrictions

- **Purchaser**
 - Fill out the Purchaser information above. This also registers you for making future referrals. We will contact you for your SSN/TIN.
 - Present this certificate to your dealer at time of order. Rebate will not be applied retroactively.
 - Only one (1) certificate may be redeemed per eligible O-So Pure water system.
- **Dealer**
 - Dealer and dealer employees are not eligible for referral fee.
 - When submitting your purchase order to O-SO Pure
 - include an image of this certificate, clearly showing the purchaser information
 - rebate will be sent by O-So Pure directly to the purchaser identified above.
 - Certificate must be accompanied by a purchase order..
- **Referring party**
 - One (1) referral fee will be paid per eligible O-SO Pure water system.
 - Referring party must own O-SO Pure equipment.
 - To register,
 - FAX this sheet with Referring Party Information filled out.
 - email address is required for communication.
 - O-SO Pure will email IRS form W-9 to be completed and submitted.
 - 1099 will be issued according to IRS rules in effect.
 - O-SO Pure reserves the right to determine form of disbursement (e.g. check, cash, gift card).
 - Disbursements will be distributed quarterly, after receipt of payment from the dealer.
 - Should the purchaser return the water system for a refund, O-SO Pure reserves the right to deduct the referral fee from future disbursements.

Disclaimer

O-SO Pure reserves the right to modify or discontinue this program upon notification to registered referring parties. Such notification will occur via referring party's email address. Referring party shall keep O-SO Pure informed of registration information changes at support@osopure.com. Be sure to include the unique serial # on this page. Referring party is responsible for monitoring email address on file including SPAM filter settings.