



# MITOLIFE 7-STAGE Reverse Osmosis Filtration System User Manual

[Home](#) » [MITOLIFE](#) » MITOLIFE 7-STAGE Reverse Osmosis Filtration System User Manual 

MITOLIFE 7-STAGE Reverse Osmosis Filtration  
System User Manual

## USER MANUAL



## Contents

1	CONDITIONS
2	REVERSE OSMOSIS SPECIFICATIONS
3	PURCHASE RECORDS
4	INTRODUCTION
5	CHECKLIST
6	FILTRATION UNIT LAYOUT
7	QUICK CONNECT & TUBING GUIDE
8	ANGLE STOP VALVE
9	DRAIN SADDLE
10	POU FAUCET
11	WATER STORAGE TANK
12	COMPONENT PLACEMENT
13	SYSTEM CONNECTIONS
14	SYSTEM STARTUP + FLUSHING
15	CARTRIDGE CHANGE SCHEDULE
16	CARTRIDGE CHANGE
INSTRUCTIONS	
17	TROUBLESHOOTING
18	FAQ's
19	WARRANTY
20	Documents / Resources
20.1	References

## CONDITIONS

### READ THIS FIRST

Please pay attention to the following installation and safety recommendations:

### READ USER MANUAL BEFORE INSTALLING THE SYSTEM!

#### FEED WATER

Incoming water pressure must be between 30 PSI and 80 PSI. If your water pressure is under 30 PSI you will may need a booster pump for your System to operate properly. If your water pressure is above 80 PSI you will need a pressure regulator before the System. Test your water pressure occasionally to make sure the System is performing. If your water is microbiologically unsafe or of unknown quality do not use this System without adequate disinfection before or after the System. Extremely hot or cold incoming water will damage the System and cannot be used.

#### LEAKS

**WITH ANY WATER FILTRATION EQUIPMENT A LEAK PROTECTION DEVICE IS HIGHLY RECOMMENDED AND SHOULD BE INSTALLED. INSPECT ALL CONNECTIONS AFTER THE INSTALLATION TO MAKE SURE NO LEAKS OCCUR, WAIT UNTIL AFTER THE SYSTEM AUTOMATICALLY TURNS OFF AND IS FULLY PRESSURIZED TO INSPECT AGAIN. CHECK THE SYSTEM OCCASIONALLY AFTER INSTALLATION OR ROUTINE MAINTENANCE TO MAKE SURE NO LEAKS HAVE DEVELOPED. INSTALL THE SYSTEM IN A LOCATION WITH ADEQUATE DRAINAGE.**

#### GENERAL

The System is for climate controlled indoor use only. Exposure to overly high or low temperature ranges will damage the unit. Follow all of your state and local laws and codes regarding plumbing even if they differ from what is stated in this manual. If your state law requires it, or you prefer to, we recommend using a professional licensed installer or plumber who meets the requirements of this System. All o-rings, fittings, cartridges, heads, tubing and teflon tape wear out after a certain period of time. The lifetime of your components are subject to change with the quality of the water supplied. Use appropriate eye and face protection when performing any drilling.

The owner/user is obligated to properly maintain the System when necessary. This includes the following:

- Lubricate o-rings with food-grade silicone grease.
- Replace o-rings, fittings, filter heads, and tubing with proper replacement parts.
- Replace the Teflon Tape on all threaded connections and fittings.
- Always use proper replacement Filter Cartridges.
- Sanitize your system as often as needed.

## REVERSE OSMOSIS SPECIFICATIONS

### PERFORMANCE:

Daily Production Rate	Listed GPD $\pm$ 15%	@ 60 psi, 77°F, Potable Water
Concentrate Flow	3-4x Permeate	Optimal rejection / decrease chance of fouling
Min TDS Rejection	95%	Typical 97% - 98% (60 min. data)

### FEED WATER REQUIREMENTS:

Source	Municipal / Potable	Or other equivalent source
Pressure Range	30 to 80 psi	65 psi is recommended for best performance
pH	4.0 to 11.0	
Temperature	40 to 113 °F	Colder water slows production
TDS	>500 PPM	Water softeners are recommend for hard water
Max Feed Flow Turbidity	1 NTU	Visible clear
Max Feed Silt Density	5 SDI	
Chlorine Tolerane	0	Pre-treatment filters (1-2) must be maintained
Aluminum	0.05 mg/L or less	
Iron (Ferric)	0.05 mg/L or less	Can cause severe membrane fouling and should be avoided
Manganese	0.05 mg/L or less	

**WARNING: DO NOT INSTALL THE SYSTEM WHERE THE WATER IS MICROBIOLOGICALLY UNSAFE OR OF UNKNOWN QUALITY. ADEQUATE DISINFECTION IS REQUIRED BEFORE OR AFTER THE SYSTEM.**

**IF ANY OF THE PARAMETERS ARE EXCEEDED, PLEASE CONTACT THE SUPPLIER. PRE-TREATMENT OR SPECIAL ADJUSTMENTS MAY BE REQUIRED.**

## PURCHASE RECORDS

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

### MODEL:

7-Stage Water Solution v2

ORDER #:

PURCHASE DATE:

---

**INSTALL DATE:**

---

**INSTALLED BY:**

---

**INSTALLER PHONE NUMBER:**

---

## **SAVE FOR FUTURE REFERENCE**

## **INTRODUCTION**

Congratulations on your purchase of the MITOLIFE 7-Stage Water Solution. When properly maintained, this System will provide you with years of trouble-free operation. The next sections contain important information on the proper installation, start-up, and maintenance of your System.

The Cartridges in this System must only be replaced with same type and on a regular basis in order to maintain System efficiency and to ensure water production that meets MITOLIFE Water Quality Standards. The Cartridges are designed to work together as a System and should be replaced at the recommended intervals (see Page 17). Any significant change in performance of the System should be investigated promptly to avoid 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 under sink plumbing and proper use of hand and power tools. Unless you possess plumbing skills, we recommend you consult a licensed professional plumber or contractor.

**NOTE! THIS SYSTEM HAS BEEN DESIGNED TO BE INSTALLED BY A LICENSED PLUMBER. DIY INSTALLERS ASSUME THE POSSIBLE RISK OF PROPERTY DAMAGE.**

## **CHECKLIST**

Your new 7-Stage Water Filtration Solution requires the following items. Before you begin installation or higher a plumber, please take a few moments to check all the following components are present:

- Filtration Unit

## **RECOMMENDED PARTS FOR COMPLETE INSTALL:**

- Angle Stop Valve or other feed connection
- Drain Saddle or other drain connection
- Locking Clips
- O-Ring Service Kit
- POU Faucet & Faucet Connector
- Teflon Tap
- Tubing
- Water Storage Tank & Tank Valve

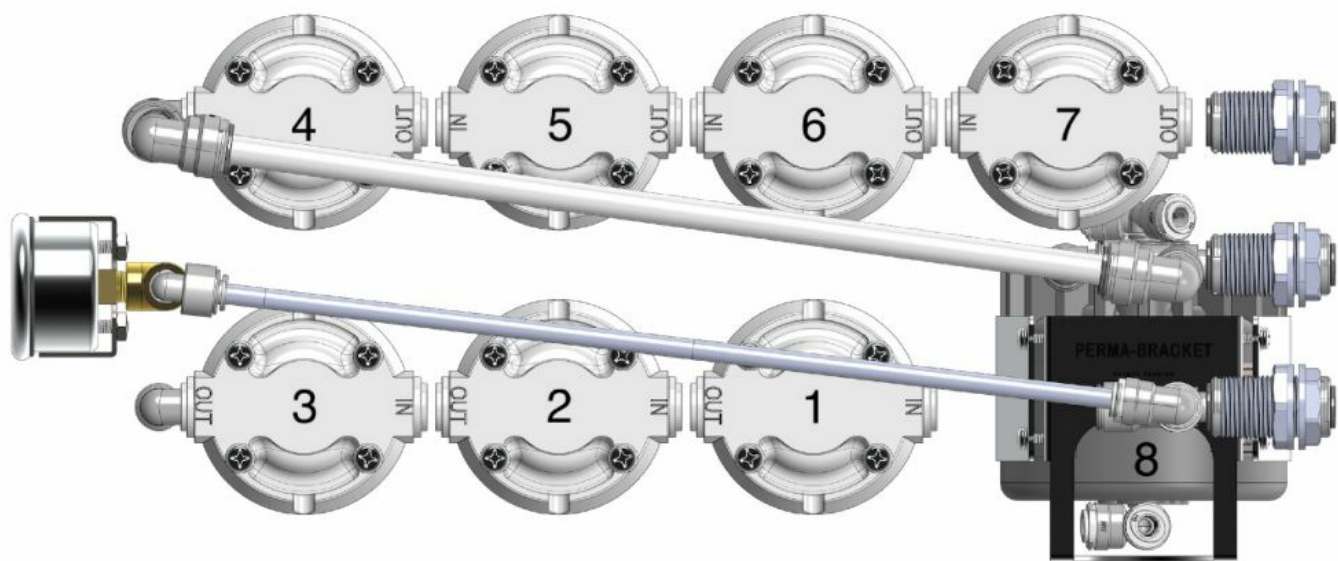
## **RECOMMENDED TOOL LIST:**

- Drill and Drill Bits

- Phillips Screwdriver
- Tube Cutter or Utility Knife
- Wrench or Adjustable Wrench

### FILTRATION UNIT LAYOUT

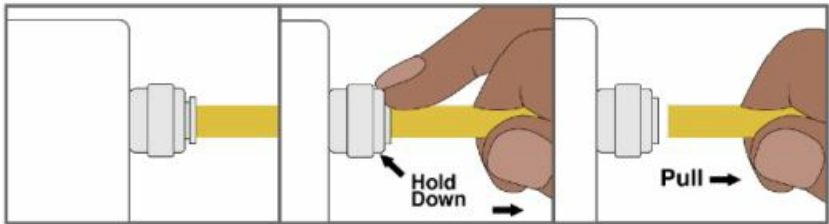
1	Sediment	Q5705
2	KDF 55 & GAC	Q5767
3	Reverse Osmosis	TQ56 or TQ57
4	Primary Deionization	Q5755
5	Secondary Deionization	Q5755
6	Re-Mineralization	Q5750
7	Coconut Carbon	Q5740
8	Permeate Pump	ERP1000



### QUICK CONNECT & TUBING GUIDE

The Tubing in your System uses a Quick Connect locking mechanism with Clip (optional) to lock the Tubing in place.

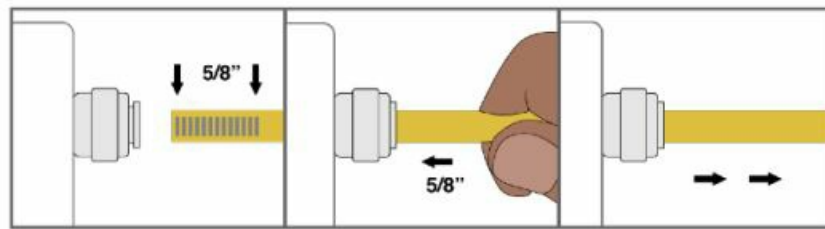
### RELEASE TUBING / PLUGS



If there is a Locking Clip on the Collet it must be removed before the Tubing can be released. Push and hold the Collet in to release the lock while pulling out on the Tube.

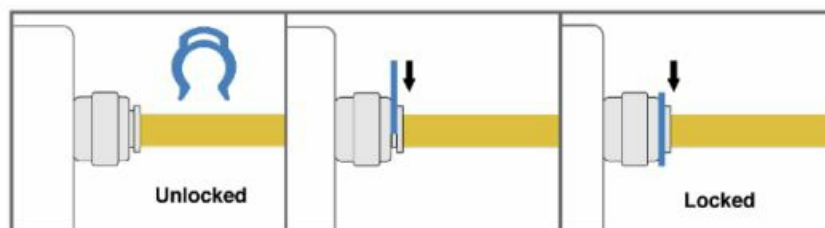
**NOTE! COLLET MUST BE HELD DOWN WHILE PULLING ON THE TUBING TO RELEASE THE TUBING.**

## **ATTACH TUBING**



Push Tubing in straight and level with the Collet. The Tubing will go in about 5/8" into the Collet before the lock is activated. Pull out on the Tube to make sure the lock has activated and the Tubing is secure.

## **INSERT OR REMOVE OPTIONAL LOCKING CLIPS**



To lock Tubing in place make sure the Tubing is fully inserted then slide the open end of the Clip between the Collet and Fitting. The Clip must be removed before the Tubing can be removed. To remove the Clip pull away until it slides out from between the Collet and Fitting.

**NOTE! ONCE CONNECTED, MAKE SURE TO CHECK TUBING IS SECURE.**

## **CUTTING TUBING**

Be sure to use use a Tube Cutter or sharp utility knife. All cuts to the Tubing must be straight.

**NOTE! IMPROPERLY CUT TUBING MAY LEAK WATER OR FAIL TO LOCK INTO FITTINGS. WAIT UNTIL ALL ELEMENTS OF YOUR SYSTEM ARE IN THEIR FINAL LOCATION BEFORE CUTTING YOUR TUBING. LEAVE PLENTY OF SLACK TO ALLOW FOR EASE OF SERVICE!**

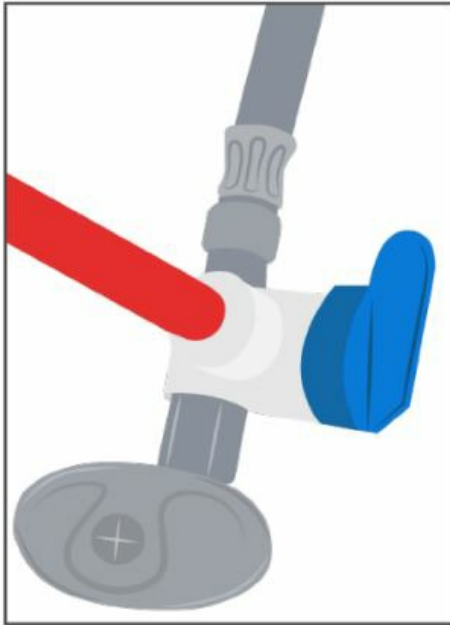
## **ANGLE STOP VALVE**

**CAUTION! THE WATER SUPPLY TO THE UNIT MUST BE FROM THE COLD-WATER LINE. USING HOT WATER WILL SEVERELY DAMAGE YOUR SYSTEM. INCOMING WATER PRESSURE SHOULD NOT EXCEED 80 PSI!**

1. Locate the Cold-Water Shut Off Valve underneath the sink. Turn it completely OFF. Next, open the Cold-Water handle on your sink faucet to release any pressure. Check to make sure the water has stopped flowing completely before proceeding.

**NOTE: IF WATER STILL CONTINUES TO COME OUT OF THE FAUCET WITH THE COLD-WATER VALVE TURNED OFF, THEN THE MAIN WATER SUPPLY MUST BE TURNED OFF AS WELL.**





2. The Angle Stop Valve can be configured for either 3/8" or 1/2" plumbing. Simply switch the Adapter Nut from one side of the Angle Stop Valve to the other.



3. Next, use an adjustable wrench to secure the Angle Stop Valve between the Cold-Water Shut Off Valve and Faucet Hose.

4. During installation leave the Angle Stop Valve in the CLOSED position until System Startup / Flushing.

5. Finally, turn the Cold-Water Shut Off Valve completely ON and check for leaks.

**CAUTION! DO NOT USE TEFLON TAPE! USE YOUR WRENCH TO TIGHTEN THE CONNECTING NUT. BE CAREFUL NOT TO OVER TIGHTEN.**

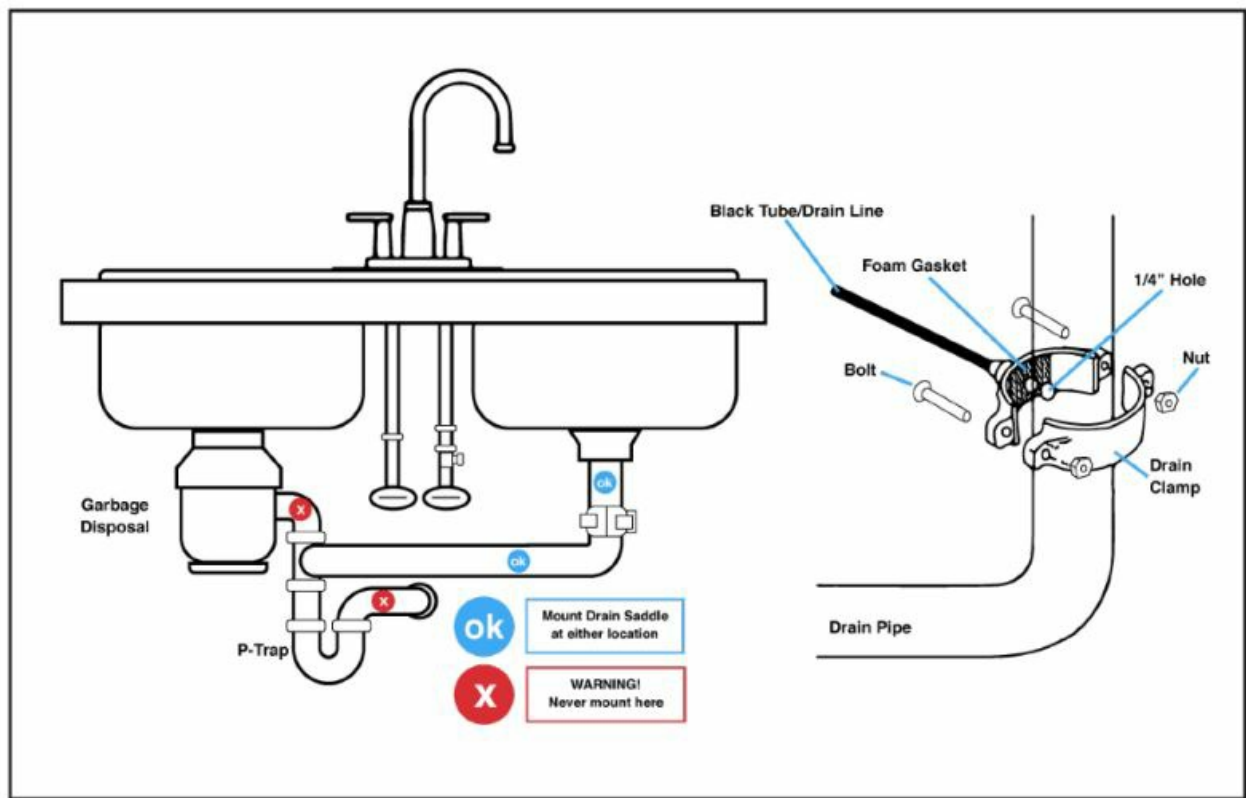
**NOTE: THE ANGLE STOP VALVE CONTROLS THE FEED OF WATER GOING INTO YOUR SYSTEM. IF FOR ANY REASON YOU NEED TO STOP INCOMING WATER, TURN THE ANGLE STOP VALVE TO THE "CLOSED" POSITION. ALWAYS TURN THIS VALVE OFF BEFORE PERFORMING ANY SERVICE, IF A LEAK IS DISCOVERED, OR WHEN SHUTTING DOWN THE SYSTEM.**

## **DRAIN SADDLE**

If the existing under sink drain pipe configuration is compatible, a Drain Saddle can be retro-fitted. The Drain Saddle is designed to fit around a standard 1.5" OD (outer diameter) drain pipe.

**ATTENTION! AN ALTERNATIVE DRAIN CONNECTION MAY BE REQUIRED IF AN APPROPRIATE LOCATION IS NOT AVAILABLE ON YOUR EXISTING PLUMBING.**





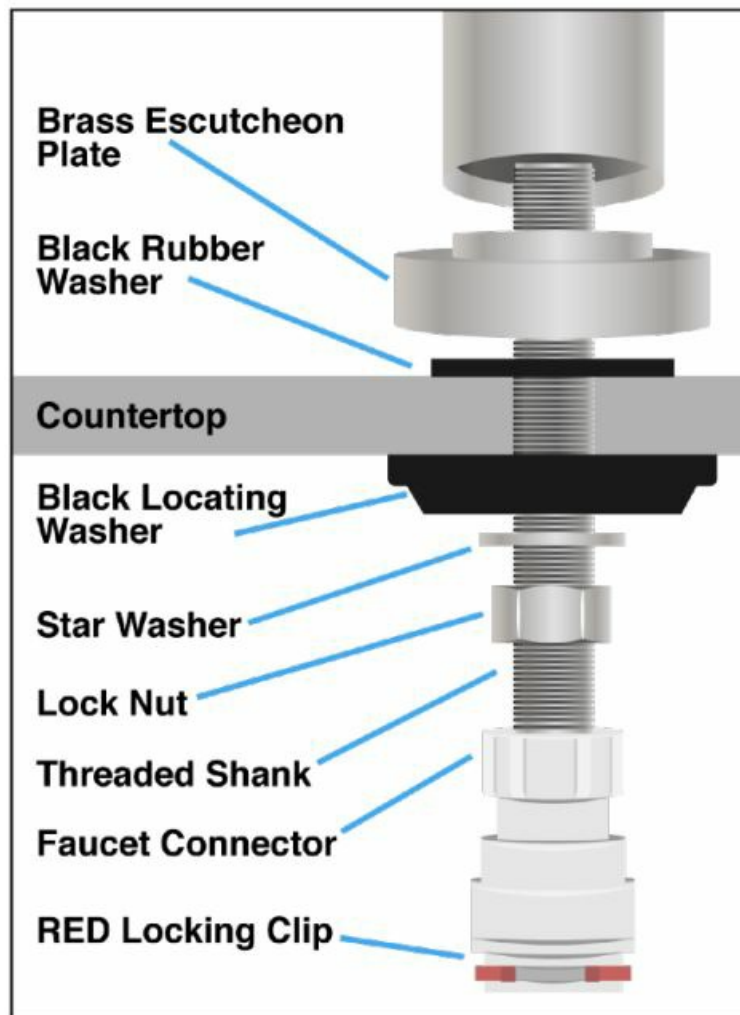
The Drain Saddle should always be installed above (before) the P-Trap and on a straight vertical or horizontal section of pipe. To avoid clogging the drain line with debris, do not install the Drain Saddle after the drain pipe that meets a garbage disposal or dishwasher drain.

1. Position the Drain Saddle at selected location and mark the opening.
2. Drill 1/4" hole at mark through one side of pipe.
3. Remove backing from Foam Gasket and place adhesive side to the back of the front half of the Drain Clamp.
4. With the Black Tube installed, position both valves of the Drain Saddle on the Drain Pipe so that the line fits slightly inside the Drain Pipe.
5. Secure Drain Clamp with Bolts and Nuts provided. Do not over tighten. Make sure there is equal space between the Drain Clamp on each side.

## POU FAUCET

The POU Faucet may be installed on any flat surface. Check the underside of your install location for interference. Be sure that drilling a hole will not damage any pipes or wiring underneath the countertop or sink. Check to be sure there is enough room for the Threaded Shank. You may use an existing hole on the sink or drill a new hole.

**NOTE! FOR DRILLING YOU MUST USE AN APPROPRIATE DRILL BIT AND DRILLING METHOD FOR THE MATERIAL OF YOUR SINK AND OR COUNTERTOP. DIFFERENT DRILL BITS ARE REQUIRED FOR STAINLESS STEEL, PORCELAIN, GRANITE, ETC.**



1. Determine the desired location for the Faucet.
2. Make a 1/2" diameter hole using the appropriate tools for the existing materials.
3. On top of the sink, insert the Brass Escutcheon Plate and the Black Rubber Washer in that order over the Threaded Shank.
4. Under the sink, install the Black Locating Washer and the Star Washer over the Threaded Shank. Screw on the Lock Nut and tighten.
5. Thread the Faucet Connector to the end of the Threaded Shank. Make sure it is tight but do not over tighten. RED Locking Clip is optional.

## **WATER STORAGE TANK**

**NOTE! AIR VALVE ON THE LOWER SIDE OF THE WATER STORAGE TANK HAS BEEN PRE-SET TO 7 PSI AT THE FACTORY. ADJUST PRESSURE IF NECESSARY.**



1. Open the Water Storage Tank box and unscrew the Tank Stand from the threaded stem at the top of the Tank.
2. Wrap the threaded stem 8-10 times with Teflon Tape.
3. Screw the Tank Valve onto the threaded stem. Make sure it is tight, but do not over tighten.
4. Place the Water Storage Tank in the desired location. The Tank can stand up straight or lie on its side using the Tank Stand.
5. Keep the Tank Valve in the CLOSED Position until after **SYSTEM STARTUP + FLUSHING.**



**NOTE! THE TANK VALVE ONLY CONTROLS WATER LEAVING THE WATER STORAGE TANK. TO STOP ALL INCOMING WATER USE THE ANGLE STOP VALVE!**

## COMPONENT PLACEMENT

**NOTE: RUBBER FEET CAN BE REMOVED IN ORDER TO FIT UNDER LOWER SINKS.**

**LOCATION:** Though most often thought of as an under the kitchen sink system, depending on your circumstances, locating the system in a basement, laundry room, or garage may also be convenient.

**PLACEMENT:** The Filtration Unit should not be further than 10 feet from a drain.



1. Place the Filtration Unit in the desired location.
2. Place the Water Storage Tank in desired location. Since the unit is pressurized, it can stand up vertical or lie down horizontal with the provided base.

**NOTE: IF UNDER KITCHEN SINK SPACE IS LIMITED, PLACING THE WATER STORAGE TANK REMOTELY FROM THE FILTRATION UNIT MAY BE PREFERRED.**

## **SYSTEM CONNECTIONS**

**ATTENTION: THE FILTRATION UNIT WAS DESIGNED WITH BULKHEAD FITTINGS TO SIMPLIFY THE CONNECTION PROCESS. PUSH-FIT ADAPTERS MAY BE REQUIRED IF RETRO-FITTING TO AN EXISTING SYSTEM THAT CURRENTLY UTILIZES 1/4" TUBING.**



1. Connect 1/4" RED Tubing to the FEED Bulkhead Fitting and Angle Stop Adapter. **KEEP VALVE CLOSED**
2. Connect 1/4" BLACK Tubing to the DRAIN Bulkhead Fitting and Drain Saddle.
3. Connect 3/8" WHITE Tubing to the PURE Bulkhead Fitting and Faucet Connector and / or other Points-of-Use.
4. Connect 3/8" BLUE Tubing to the TANK Bulkhead Fitting and Tank Valve . **KEEP VALVE CLOSED**

**NOTE: IN ORDER TO EASE STARTUP AND FUTURE SERVICING, BE SURE TO ALLOW FOR ENOUGH SLACK IN TUBING IN ORDER TO REMOVE THE FILTRATION UNIT FROM UNDER THE SINK. CUTTING TUBING MAY NOT BE NECESSARY EXCEPT FOR SQUARING UP THE ENDS OF TUBING.**

### **SYSTEM STARTUP + FLUSHING**

**ATTENTION: REMOVE THE FILTRATION UNIT FROM UNDER THE SINK IN ORDER TO EASE THE PROCESS.**



1. Remove the side service panel(s) in order to gain access to cartridges.
2. Remove Cartridge 6. Place a towel and suitable container under Head 6.
3. FLUSHING: OPEN Angle Stop Valve and catch water from Head 6. CLOSE Angle Stop Valve once water flow is steady, clear and without odor (up to 5 gallons – per manufacture specifications).

**NOTE: IF A LEAK OCCURS AT A HEAD, TWIST ON CARTRIDGE UNTIL FULLY SEATED. ADDITIONAL O-RING LUBRICATION MAY BE REQUIRED. REPLACE ANY DAMAGED O-RINGS.**

4. Now install Cartridge 6 in the appropriate Head.
5. OPEN the Angle Stop Valve and OPEN the POU Faucet. Take note of Pressure Gauge PSI reading.

**PRESSURE RATING: PSI**

6. To ensure Cartridges are thoroughly flushed, allow water to flow from the POU Faucet.
7. The flow from the POU Faucet should be light but steady, indicating the actual production rate.
8. CLOSE the POU Faucet and OPEN the Tank Valve to allow the Water Storage Tank to fill up.
9. The Water Storage Tank will fill up completely in 1-2 hours. Once full, The System will then automatically shut-

off.

10. OPEN the POU Faucet and allow the Water Storage Tank to completely empty.

11. The System is now completely FLUSHED and ready for use. CLOSE the POU Faucet and allow the Water Storage Tank to fill up again.

**OPTIONAL: RE-INSTALL THE SIDE SERVICE PANEL(S).**

## **CARTRIDGE CHANGE SCHEDULE**

**IN-SERVICE DATE: / /**

LOCATION	PART #	DESCRIPTION	AVERAGE SERVICE LIFE*	DATE M/Y	DATE M/Y	DATE M/Y	DATE M/Y	DATE M/Y
1	Q5705	SEDIMENT	6-12 Months	/	/	/	/	/
2	Q5767	KDF 55 & GAC	6-12 Months	/	/	/	/	/
3	TQ56 or TQ57	REVERSE OSMOSIS	12-24 Months	/	/	/	/	/
4	Q5755	PRIMARY DEIONIZATION	6-12 Months	/	/	/	/	/
5	Q5755	SECONDARY DEIONIZATION	6-12 Months	/	/	/	/	/
6	Q5750	RE-MINERALIZATION	12-24 Months	/	/	/	/	/
7	Q5740	COCONUT CARBON	6-12 Months	/	/	/	/	/

**\*AVERAGE SERVICE LIFE IS BASED ON AVERAGE USAGE AND FEED WATER QUALITY. ACTUAL CARTRIDGE LIFE WILL VARY WITH FREQUENCY OF USE, TOTAL VOLUME PRODUCED, AND MOST IMPORTANTLY: SOURCE WATER QUALITY. WE HIGHLY RECOMMEND PERIODICALLY CHECKING YOUR PRODUCT WATER TDS AND REPLACING CARTRIDGES REGULARLY IN ORDER TO MAINTAIN DRINKING WATER QUALITY STANDARDS.**

## **CARTRIDGE CHANGE INSTRUCTIONS**

**ATTENTION: REMOVE THE FILTRATION UNIT FROM UNDER THE SINK IN ORDER TO EASE THE PROCESS.**





1. **DE-PRESSURIZE SYSTEM:** CLOSE the Tank Valve and OPEN the POU Faucet to relieve the System pressure. Water should flow out of the POU Faucet. The flow should be slow but steady, this is the actual production rate of the System.
2. CLOSE the Angle Stop Valve or other COLD-WATER Feed source. The product water should stop flowing completely at this point, if not, the main water supply needs to be SHUT-OFF!
3. Twist OFF old Cartridge from Head (ANTI-CLOCKWISE).

**NOTE: OTHER CARTRIDGE(S) MAY NEED TO BE REMOVED IN ORDER TO GAIN ACCESS TO CARTRIDGE(S) THAT ARE BEING CHANGED + FLUSHED.**

4. Per manufacture recommendations, Cartridge FLUSHING is required before System use (See Page 16).
5. Re-Install any Cartridge(s) that may have been removed in order to gain access.
6. Turn ON the Angle Stop Valve. Check for leaks.

**NOTE: IF A LEAK OCCURS AT A HEAD, TWIST ON CARTRIDGE UNTIL FULLY SEATED. ADDITIONAL O-RING LUBRICATION MAY BE REQUIRED. REPLACE ANY DAMAGED O-RINGS.**

7. Water will slowly start flowing through the system and out of the POU Faucet.
8. **RE-PRESSURIZE SYSTEM:** CLOSE the POU Faucet. The System will begin to pressurize and will shut-off automatically once complete. Check for leaks.
9. OPEN the Tank Valve. If the Water Storage Tank is low, water will begin to fill the bladder and the System will shut-off again once completely full.
10. The Cartridge Change process is now complete and the System is ready for use.

## **TROUBLESHOOTING**

**NOTE: TURN OFF THE FEED BEFORE TROUBLESHOOTING.**

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.
Odor	- New Cartridges - Old Cartridges	- Perform <b>SYSTEM STARTUP + FLUSHING</b> (see page 16). - Replace Cartridges.
Noises	- Location of Drain Saddle - Drain tubing "rattle" - Permeate Pump "clicking"	- Relocate the Drain Saddle. - Secure drain tubing. - Normal pumping action. Will stop when Water Storage Tank is completely full.
Slow stream from POU Faucet	- System just starting up - Air pressure in the Water Storage Tank is low	- Normally it takes 2-3 hours to fill the Water Storage Tank. Low water pressure and/or temperature can reduce production rate. - Add pressure to the Water Storage Tank. The pressure should be 7 psi when empty.
No water or slow production from POU Faucet	- Low water pressure - Crimps in Tubing - Clogged pre-filters Cartridges - Fouled Reverse Osmosis - New System - Angle Stop Valve CLOSED - Tank Valve CLOSED	- Adjust pressure regulator and / or add a booster pump. - Make sure all Tubing is straight. - Replace pre-filters Cartridges. - Replace Reverse Osmosis. - Wait at least 5 minutes for water to travel through System to Faucet. - OPEN Angle Stop Valve. - OPEN Tank Valve and allow Storage Tank to fill to maximum capacity.
Unusual taste or smell	- Coconut Carbon is depleted - Fouled Reverse Osmosis - Deionization is exhausted	- Replace Cartridge 7. - Replace Cartridge 3. - Replace Cartridge 4 & 5.
No drain water	- Clogged Permeate Pump - Clogged Cartridge(s)	- Replace Permeate Pump. - Check Cartridge 1-3.
Leaks*	- Cartridge Head - Fittings are not tightened - Loose Tubing - Loose Filter Cartridge	- Lubricate O-Rings with food grade silicon grease and / or replace damaged O-Rings. - Tighten fittings as necessary. - Make sure Tubing is cut straight and fully seated in Fitting. - Twist ON Cartridge by hand until fully seated on Head.

**\*LEAKS SHOULD BE TAKEN SERIOUSLY IN ORDER TO PREVENT WATER DAMAGE**

## FAQ's

### Does this system filter Lead, PFAS, Arsenic, and Chromium 6?

Yes, as well as Sulfuric and Nitric Acid (Acid-Rain), Chloramines, Heavy Metals, VOCs, Pesticides, Pharmaceutical, Fluoride, Mercury and many other contaminants up to certain levels. You may need pre-treatment for high levels of these substances.

### What PSI do I need? What is the operating pressure?

The minimum PSI for the system is 30 and the maximum PSI is 80. If your PSI is too low you can add a Booster Pumps to aid your system. If your PSI is too high you can add an inline Pressure Regulator to reduce your pressure to acceptable levels.

### Does this system soften water?

The System will soften water. However, hard water does reduce the lifespan of Cartridges.

### Does it stop filling automatically? Why is the drain line constantly flowing?

The System does stop filling automatically when tank is filled (2-3 hours). If your drain line is constantly flowing this is a sign that your incoming water pressure is too low and / or Permeate Pump is not working.

**Can I install this system in the basement?**

Yes, the System can be installed in a basement. However, if you do not have adequate water pressure you may need to purchase a Delivery Pump and / or additional Water Storage Tank.

**What is the discharge rate?**

The typical discharge ranges from three to four gallons for every one gallon of drinking water produced. The cartridge life, water pressure, incoming water quality, and water temperature will affect your System's discharge rate.

**Why does it take so long to fill up the tank?**

The filtration and restoration process takes some time on its own. However, some water takes longer to process. The cartridge life, water pressure, incoming water quality, and water temperature will all affect how quickly your System fills the Water Storage Tank.

**How often do I change Filters? Is there an indicator?**

The Sediment and KDF 55 + GAC (pre-filters) as well Coconut Carbon (post) should be changed every 6-12 months. The Reverse Osmosis, Deionization, and Re-Mineralization should be changed every 12-24 months. There is no direct indicator for filter changes. However, if you notice a drop in water quality before the 6 months or 12 months mark this may mean that due to your water quality, the Cartridges have degraded. If you reach 12 months without noticing a change in taste you should still change your Cartridges at this point as they are no longer viable.

**Can I add additional filters to my current system?**

Yes, each system is fully upgradeable.

**Can I connect this system to a refrigerator or ice maker?**

Yes, you may need a Refrigerator Kit to do so. In some cases, your situation may require a separate Water Storage Tank and / or Delivery Pump depending on how far away your refrigerator is from the System.

**Can I reuse discharge water?**

Never consume discharge water. With proper installation it is possible to utilize your discharge water for outdoor irrigation.

**How long does the system last? How long does the tank last?**

With proper maintenance and average water quality a System should last 5-10 years. The Water Storage Tank usually lasts 3-5 years before we recommend replacing it.

**Can I change my 50 GPD (Gallons Per Day) to a higher GPD?**

Yes, to do so, you will need different parts (such as the Reverse Osmosis).

**Why are there bubbles in the water?**

Bubbles in your water is a common occurrence, but they only affect the appearance of your water and pose no risk. There can frequently be air trapped inside any plumbing system, so the air may be coming from your home's plumbing and not the System. Trapped air happens frequently when you change a Cartridge, when there is a leak in your system or plumbing, or even when there is construction in your area. Check your System carefully for any leaks or unexplained moisture.

**Why do I need to flush the system?**

New Cartridges (or Cartridges that have experienced extended disuse) need to be FLUSHED before use. We recommend following the SYSTEM STARTUP + FLUSHING (see page 16) before the water is suitable for use.

**How much water can the Water Storage Tank hold?**

The maximum capacity of the tank is 3.2 gallons. However, the typical tank reaches 2-2.5 gallons. Your Water Storage Tank's capacity depends on your incoming water pressure. Lower water pressure = less water in tank.

**What other filters can I add to my system?**

The System is designed with a complete water filtration and restoration process. That be being said, there are many additional post and pre-treatment options that due exist, such as UV Sterilization. Contact us if you have any questions about additional filters or Whole House Solutions (Point-Of-Entry).

**What if I need to produce more water?**

There are a lot of solutions to this challenge, it's possible to upgrade your System with some specialty equipment or we can help you with other solutions. Just contact us and we can help you find the solution that best fits your situation.

**What should I do in a boil water advisory?**

As long as all of your Cartridges are working properly you can drink water from your System without boiling. However, you should replace all of your Cartridges and Water Storage Tank after the order is lifted. While the System will filter large amounts of harmful agents it can damage your Cartridges and cause bacteria to grow.

**WARRANTY****WE COVER**

Our simple warranty promise! The warranty covers any defects in the parts and / or manufacturing of your MITOLIFE 7-Stage Water Filtration Solution. WE WILL PROVIDE YOU WITH A NEW REPLACEMENT PART IN EXCHANGE FOR ANY DEFECTIVE PART, COMPLETE SYSTEM EXCHANGES ARE TYPICALLY NOT POSSIBLE.

**WHAT TO DO**

Send an email to [support@mitolife.co](mailto:support@mitolife.co) and describe the problem to our support team. For faster service, be sure to have a copy of your purchase confirmation email or order number. Our support will verify that the product and problem are under warranty and help you arrange to send your defective part back to MITOLIFE with your receipt and contact information (name, address, phone number, email address). Support will help arrange sending of the defective part, the delivery of your replacement part, as well as guiding you through the installation process.

**TIME COVERED**

This warranty is effective for 1 year from the date of original purchase. WE RESERVE THE RIGHT TO OFFER EXTENDED COVERAGE IN CERTAIN CASES AT OUR DISCRETION.

**NOT COVERED**


ANY SYSTEM LOCATED AND OR SOLD OUTSIDE OF THE U.S. ARE NOT COVERED UNDER THIS WARRANTY. This warranty does not cover labor for removal or installation, accumulation of dirt or grime (you are responsible for your own System cleaning and sanitization), damage from improper storage (high or low temperature, sun damage, etc), damage from a System not installed as instructions directed, anyone other than original purchaser, damage from System abuse or unintended operation of System, acts of God, improper water source, modification, negligence, commercial use of the System, incidental damages from System failure, Systems used with parts not provided by MITOLIFE (including any tanks, filters, faucets, pumps, diverter valves, etc), or any cosmetic damages.

**EMAIL**

[support@mitolife.co](mailto:support@mitolife.co)



## Documents / Resources

	<p><a href="#">MITOLIFE 7-STAGE Reverse Osmosis Filtration System</a> [pdf] User Manual 7-STAGE Reverse Osmosis Filtration System, 7-STAGE, Reverse Osmosis Filtration System, Osmosis Filtration System, Filtration System, System</p>
---	---

## References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.