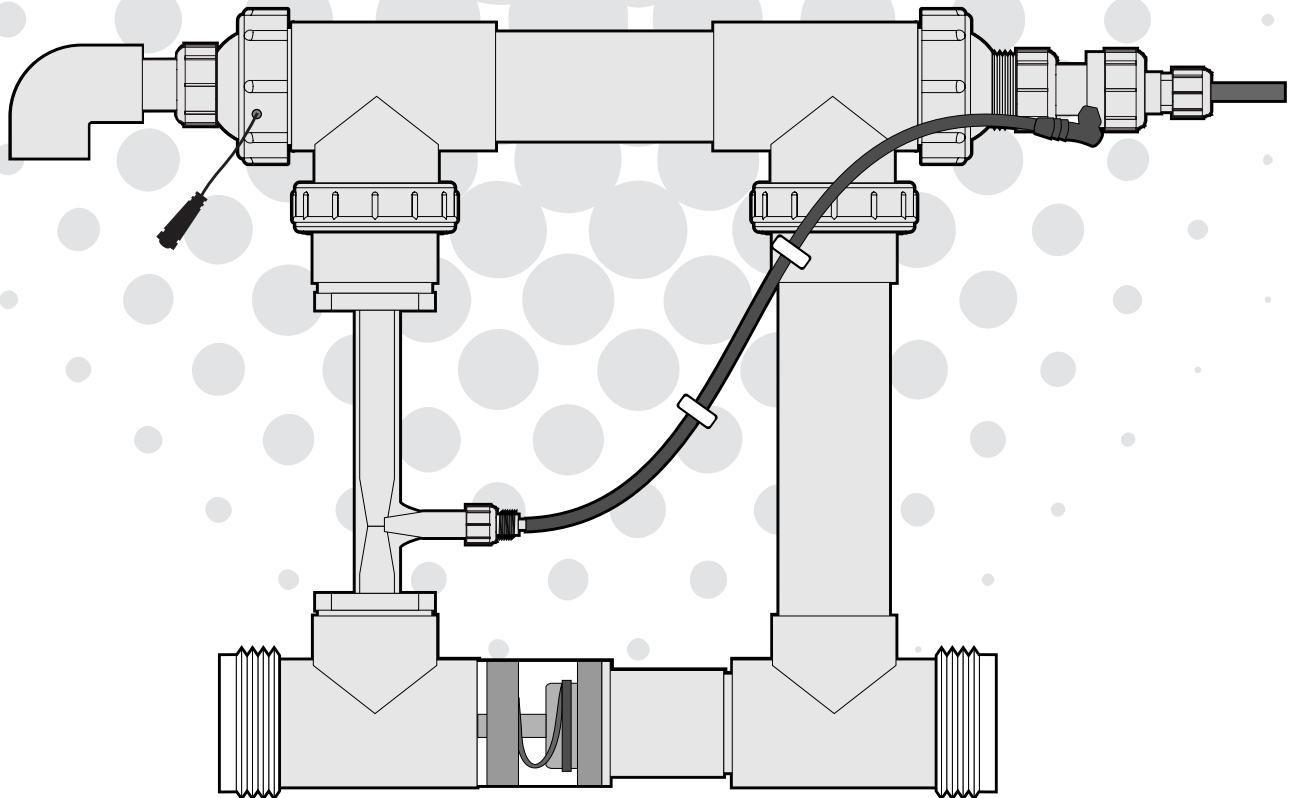


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RENAISSANCE

Pure Water From UV and Ozone



TRAINING GUIDE



TROUBLESHOOTING QUICK GUIDE

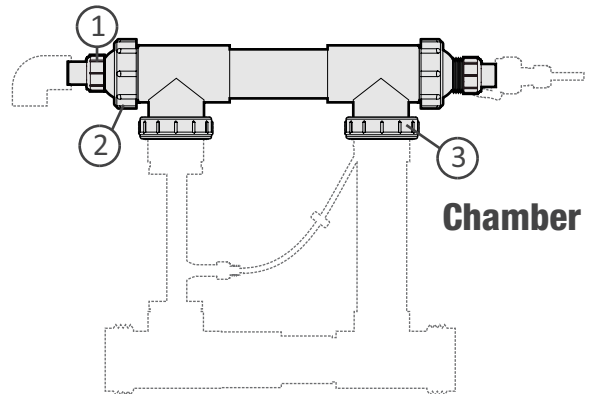
PROBLEM	CAUSES	SOLUTION
BLUE FLASHING RIM: High (>113F) or Low (<50F) temperature in the Chamber	1. No Flow 2. Installed Too Close To Heater	1. Turn on pump 2. Move installation further down stream from heater.
NOTE: After correcting the problem it can take a few minutes for the blue rim to stop flashing as the chamber temperature changes.		
RED SOLID RIM: Bulb or power supply problem	1. Lamp cable disconnected 2. Lamp Failure/End of Life 3. Power Supply Failure	1. Reconnect lamp cable 2. Replace lamp 3. Replace power supply
NOTE: Check the bulb and connection first. Inspect bulb for dark spots or burnt filament, if so replace bulb and re-check error status. If the bulb and connections are ok, replace the power supply.		
RED FLASHING RIM: Temperature sensor problem	1. Disconnected temp sensor 2. Temp sensor failure 3. Temp cable damaged	1. Reconnect temp sensor 2. Replace temp sensor 3. Replace power supply
NOTE: Before installing the new temp sensor ensure teflon tape is applied to the threads of the sensor		

If leaks occur it's a quick and easy fix:

Leaking From The Chamber:

Leaks from the chamber are normally the result of a lose fitting and can be fixed on the spot.

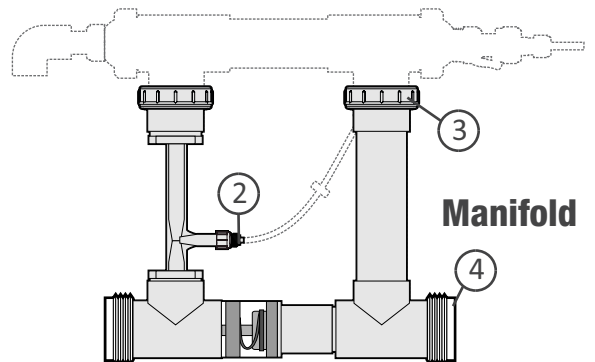
- Step 1: Tighten blue quartz viewing caps
- Step 2: Tighten chamber end caps
- Step 3: Tighten chamber union nuts



Leaking From The Manifold:

Leaks coming from the manifold glue joints cannot be repaired onsite, replacing the manifold is the best option.

- Step 1: Turn power and pump off
- Step 2: Remove ozone hose
- Step 3: Remove chamber side union nuts
- Step 4: Remove bottom union nuts
- Step 5: Install new manifold and replace connections





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SERVICE CENTER WARRANTY PROCEDURE

After completing the Troubleshooting Quick Guide and determining that the system has a defective part. Follow the instructions below to complete the warranty process to receive labor credit and restock for parts used.

1. Replace the defective part with a replacement part from warranty stock and get the customers system back operational.
2. Fill out the warranty claim form at <https://solaxx.com/returns.html> , you will receive an email with an RMA# and instructions for shipping the defective part back.
3. The returned part must include a copy of the original invoice showing the installation date.
4. Once the part has been received by Solaxx, a new replacement part will be sent.

Problems with the Renaissance are rare but if an issue does arise we have a team dedicated ready to answer any questions and guide you through troubleshooting or the warranty process.

Your Renaissance Specialist Contact:

Customer Service

Mon-Fri 9-5

561-455-0252



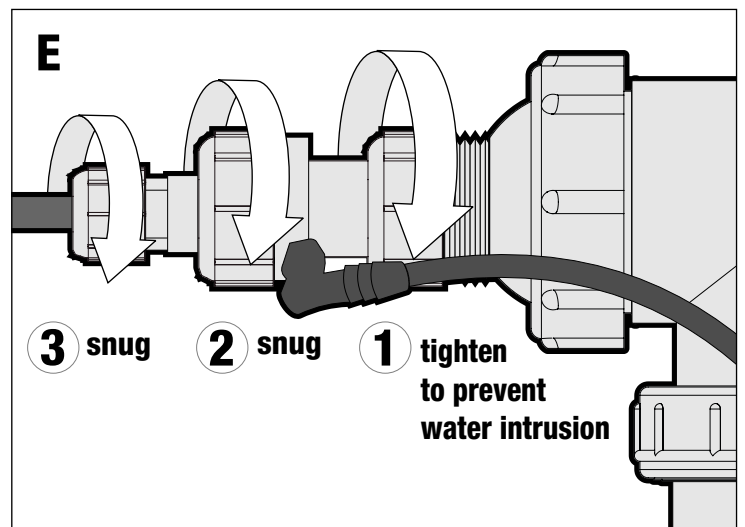
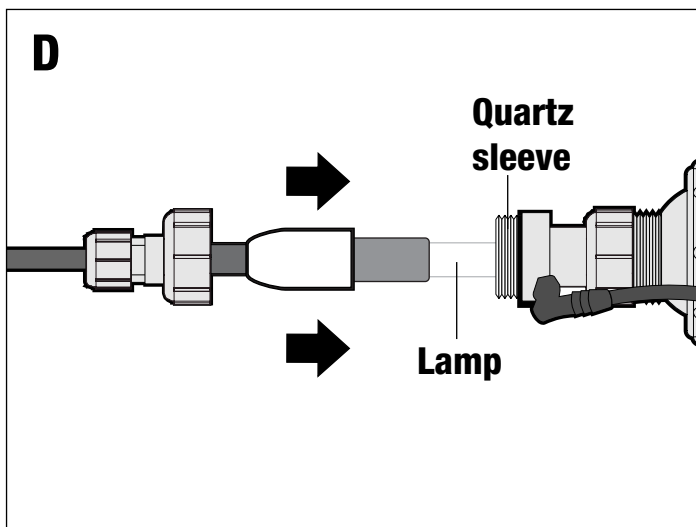
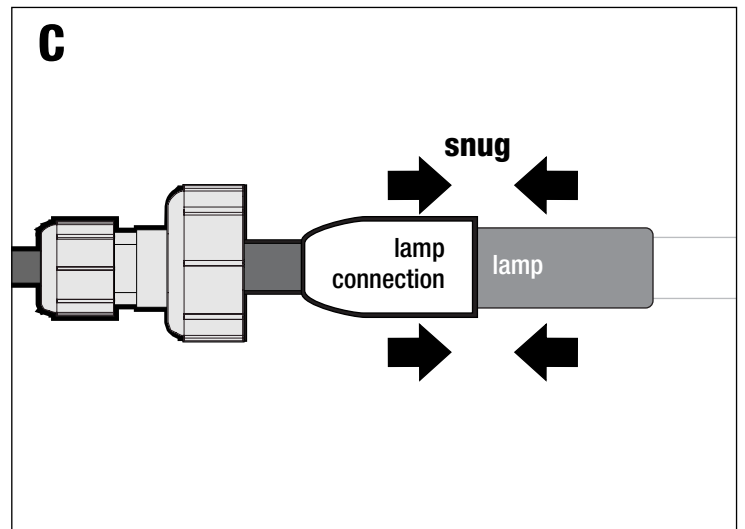
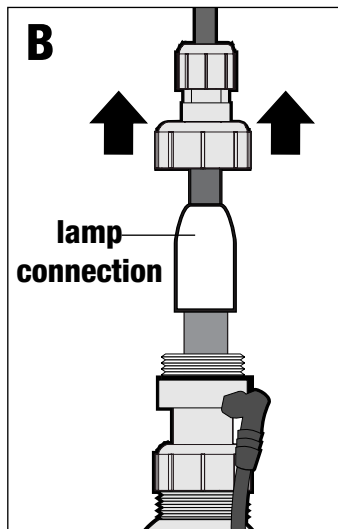
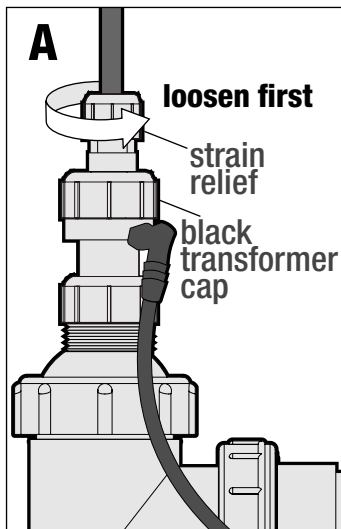
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LAMP REPLACEMENT

Lamps have a life of around 13,000 hours and will eventually need to be replaced. Replacing the lamp is simple and quick.

1. Turn off power to the system and pump
2. Loosen strain relief connector first.
3. Unscrew the black transformer cap first, careful not to twist the cable
4. Gently slide the lamp out and disconnect the power cable
5. Do not touch the glass on the lamp
6. Insert the new lamp in to the Quartz Sleeve w/out touching glass and reconnect the lamp power cable
7. Restore power to the system and pump



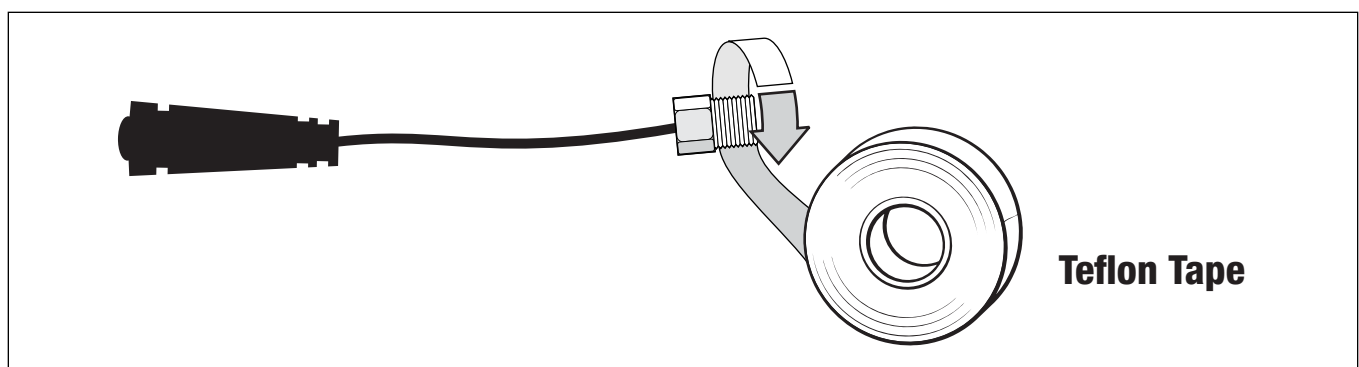
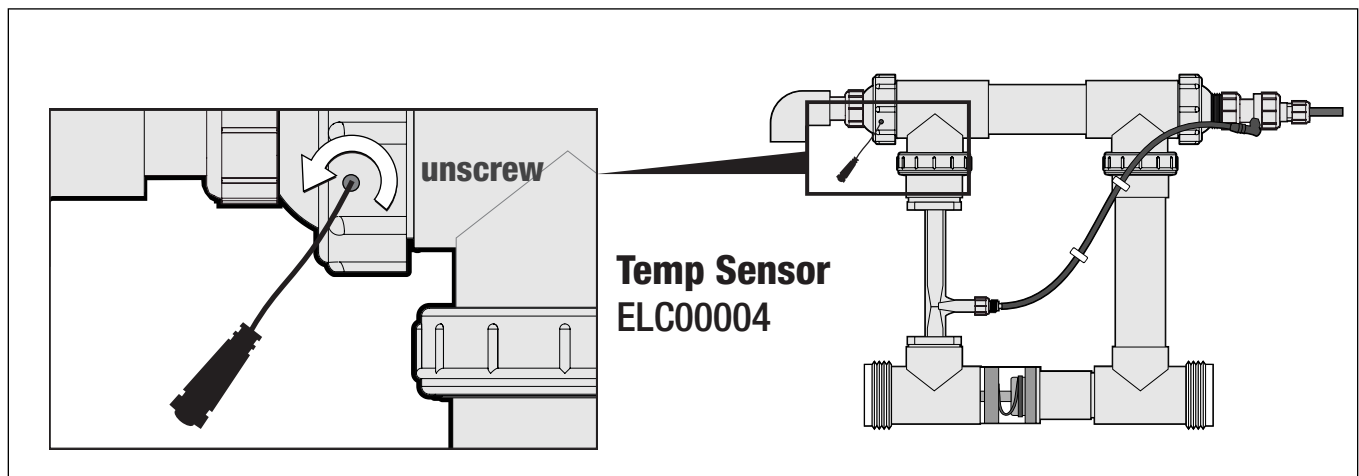


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TEMPERATURE SENSOR REPLACEMENT

The temperature sensor is used for detecting flow in the Renaissance. If the temperature sensor is damaged, disconnected or malfunctioning the power supply rim will flash red. Replacing the temperature sensor is quick and easy.

1. Turn off power to the system and pump
2. Disconnect temp sensor from the power supply
3. Disconnect and gently unscrew the temperature sensor from the chamber
4. Ensure the new temperature sensor has ample teflon tape for a snug fit
5. Gently screw the new temperature sensor into the chamber, be careful not to over tighten and strip the chamber threading.
6. Reconnect the temperature sensor and restore power to the system and pump

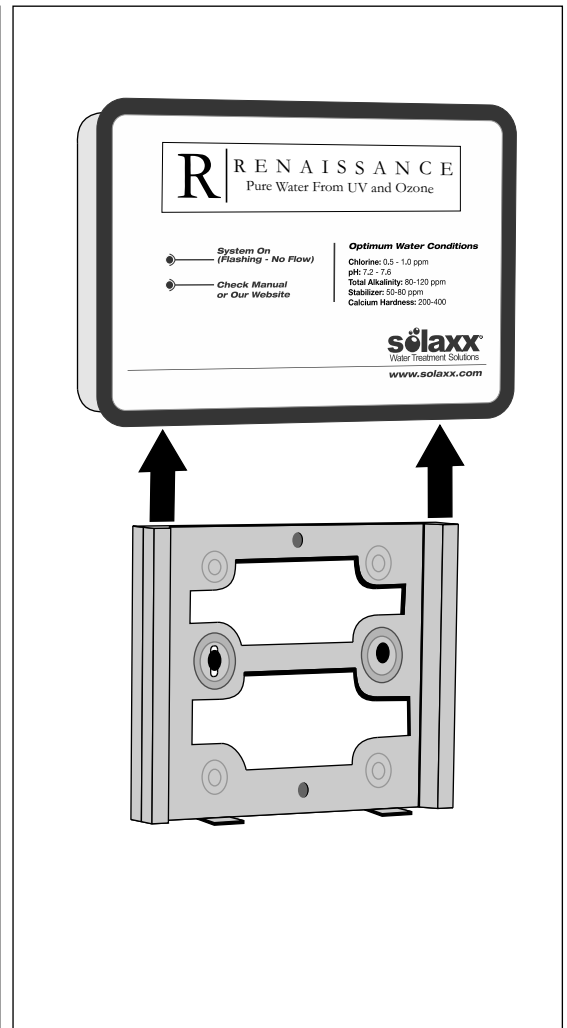
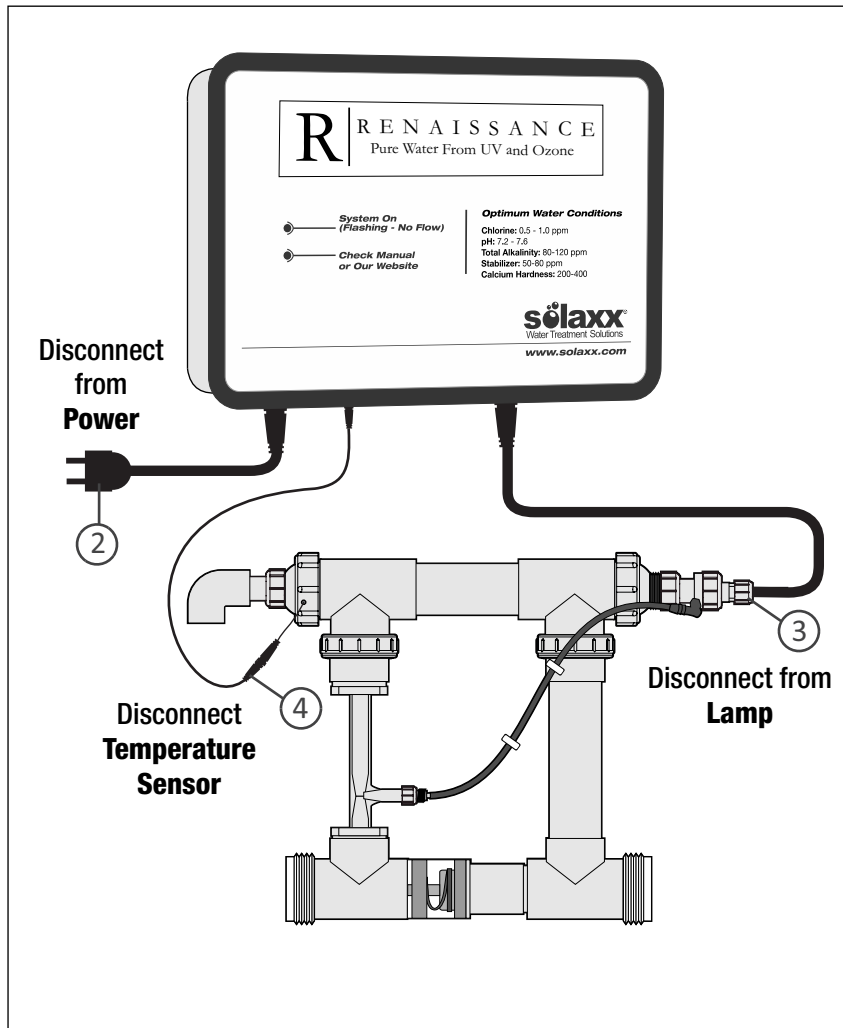




POWER SUPPLY REPLACEMENT

The power supply unit controls the operation of the Renaissance. If the power supply has lost connection to the lamp, the rim will glow solid red. Always start by checking the lamp and connections first. If the lamp and connections are all ok, replace the power supply.

1. Turn off power to the system and pump
2. Disconnect all the power supply connections
3. Slide the power supply up off the wall mount
4. Slide the new power supply on the wall mount
5. Replace all connections and restore power to the system and pump

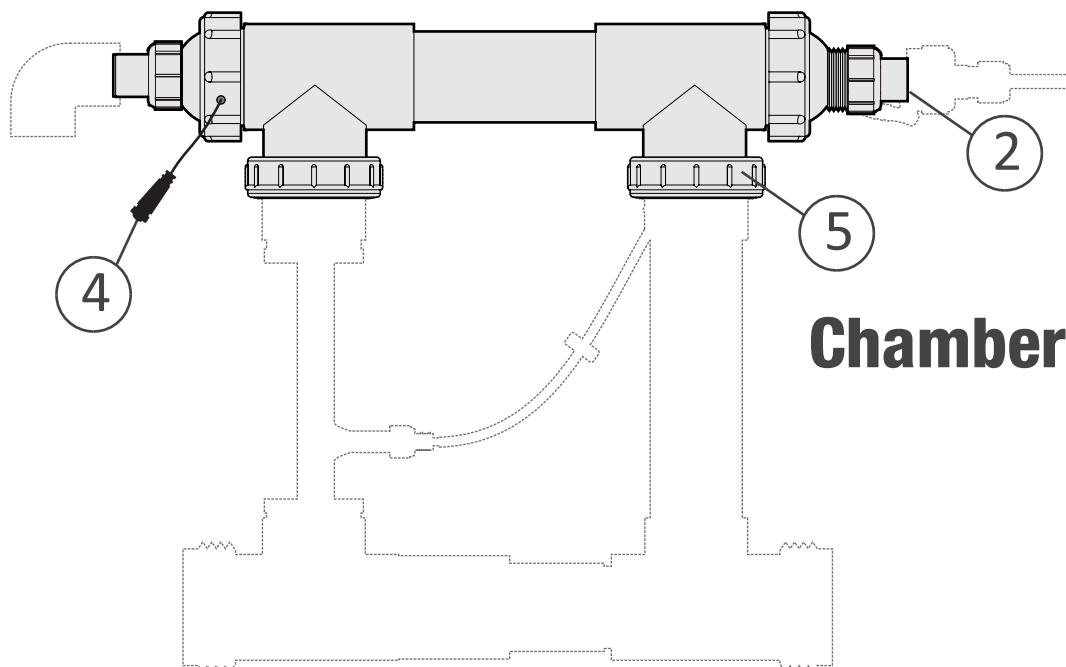




UV/OZONE CHAMBER REPLACEMENT

The UV/Ozone Chamber protects the lamp and contains the quartz sleeve.
Most water leaks can be fixed by tightening the connections on the chamber.
The primary reason for replacing the chamber is a cracked or broke quartz sleeve.
Replacing the chamber is quick and easy.

1. Turn off power to the system and pump
2. Disconnect the power supply cable which connects to the lamp
3. Remove the lamp from the chamber. Do not touch the glass and place the lamp in a safe place.
4. Disconnect the power supply cable which connects to the temperature sensor
5. Disconnect the bottom union nuts from the chamber.
6. Remove the old chamber
7. Install the new chamber
8. Replace all connections and restore power to the system and pump



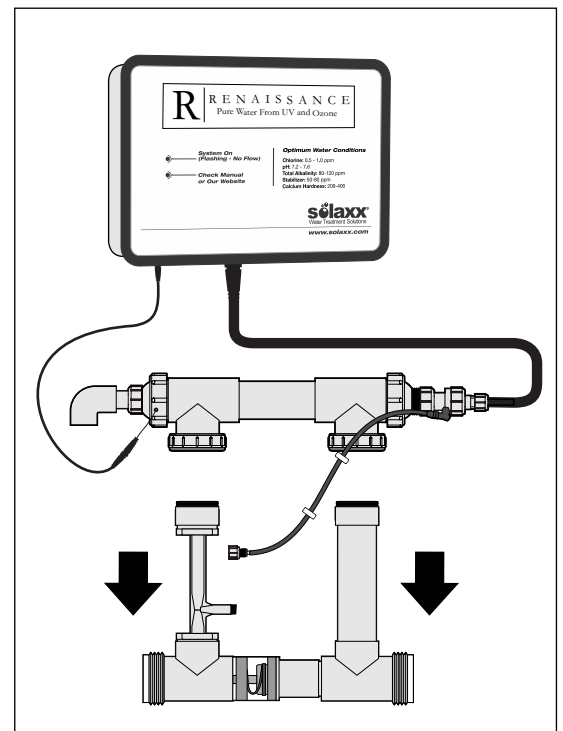
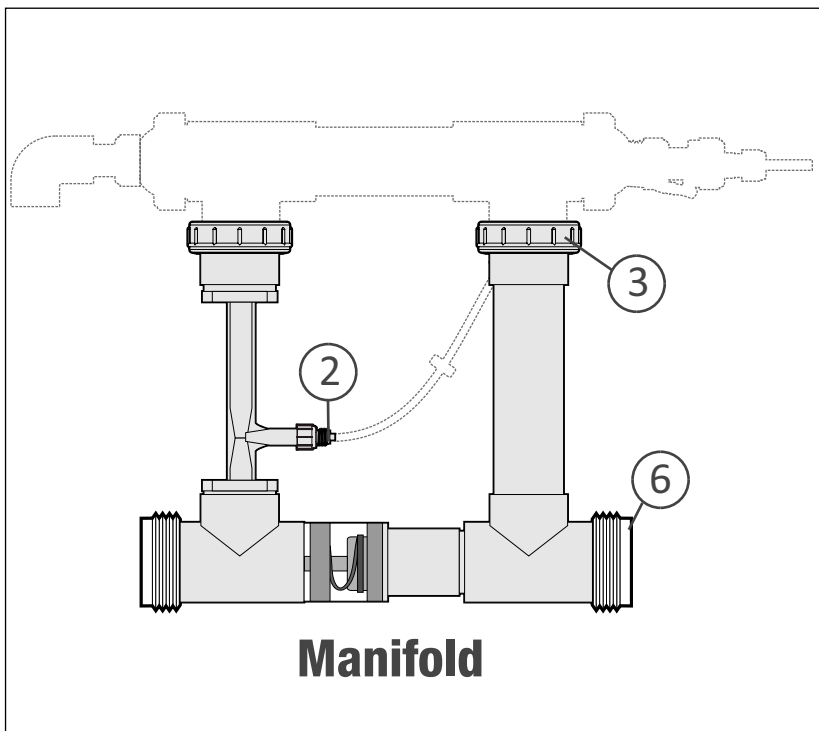


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MANIFOLD REPLACEMENT

The manifold is responsible for controlling the water flow through the system. If there is a leak or there is a problem with the venturi or check valve the manifold may need to be replaced. Replacing the manifold is quick and easy.

1. Turn off power to the system and pump
2. Disconnect the Ozone Air Tube from the venturi on the manifold.
3. Disconnect the union nuts from the chamber and remove the chamber.
4. You can leave the lamp in the chamber to avoid handling the light and touching the glass
5. Remove the chamber and set to the side
6. Disconnect the bottom union nuts and remove the manifold
7. Install the new manifold.
8. Replace all connections and restore power to the system and pump



RENAISSANCE

PARTS DIAGRAM

