



UVinex Standard and High Output Systems


Operating Manual & Specifications

Read entire instructions prior to assembling and operating

For use with Savio Skimmerfilters only

Savio UVinex™ systems provide unparalleled water clarity for your pond. UVinex™ offers a safe, chemical-free solution for eliminating green water. By adding a UVinex™ system you'll also enhance the filtration capabilities of your Savio Skimmerfilter.®



 DO NOT REMOVE PLASTIC PROTECTIVE COATING FROM BULB.

Standard	High Output
SUV018A	SUV2800HO
SUV026A	SUV3500HO
	SUV5500HO

Read entire instructions prior to assembly and operation

UVinex System
OPERATING MANUAL

UVinex Components

The UVinex System should come fully-assembled (do not disassemble). Examine all parts while unpacking. Carefully inspect UVinex Bulb for damage incurred during shipping. If the unit appears damaged, contact the dealer you purchased it from for a replacement. Do not use it if damage is evident.

Junction Kit
RU118

Transformer
RU116
RU117

Coated Bulb

Standard	High Output
RU1805 - 18 Watt	RU2800HO - 28 Watt
RU2605 - 26 Watt	RU3500HO - 35 Watt
	RU5500HO - 55 Watt

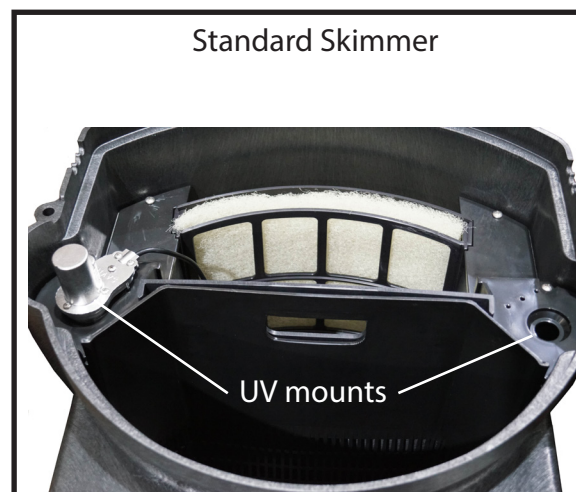
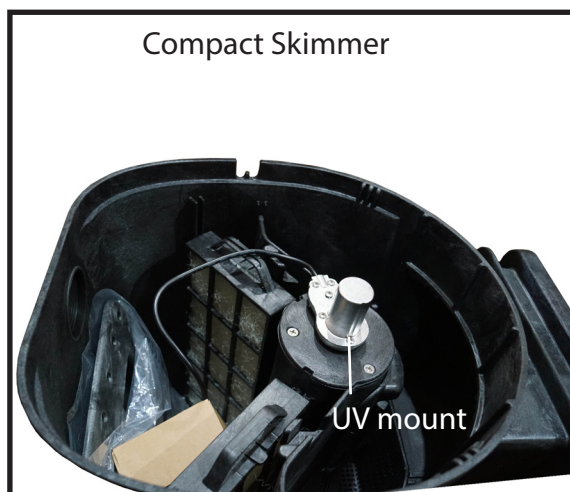
Transformer and Bulb
compatibility

RU116	RU117
RU1805	RU2800HO
RU2605	RU3500HO
	RU5500HO

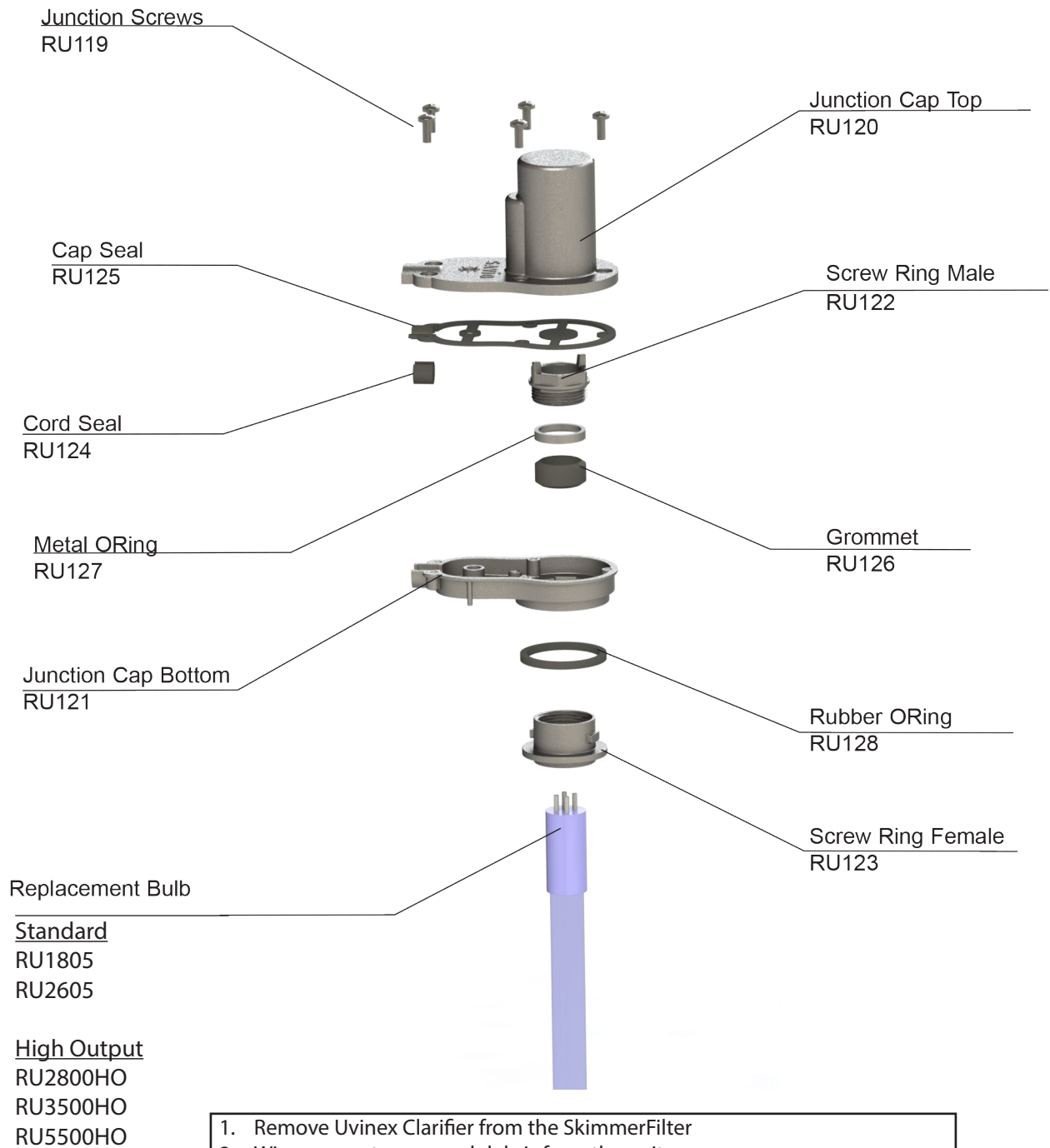


Installation

- ① If installing a single UV, you may use either the left or right Skimmer UV mount on the Standard Skimmerfilter. If using the compact Skimmer Filter only use the center UV mount.
- ② If using a single UV, a baffle block can be used to prevent water movement through the unused UV chamber. This provides improved UV exposure.
- ③ Place UV into skimmer by inserting the bulb into the UV mount.
- ④ Use a Philips screwdriver and the screws provided to secure the unit. Extra screws are provided.
- ⑤ To start system: Plug UV into a GFCI protected outlet. UV must be used in conjunction with a ground fault current interrupter socket (GFCI). (If you do not have a GFCI, contact a licensed electrician before using the UV.)



Lamp Replacement



1. Remove Uvinex Clarifier from the SkimmerFilter
2. Wipe any water or pond debris from the unit
3. Unscrew RU119 Junction Screws and remove RU120 Junction Cap Top
4. Unplug transformer socket from Uvinex 4-prong UV bulb
5. Loosen (do not remove) RU122 Screw Ring until bulb moves freely
6. Gently twist old bulb and remove from RU121 Junction Cap – Bottom
7. Carefully insert new bulb though RU121 Junction Cap Bottom
8. Plug 4-prong UV bulb into transformer socket
9. Set bulb at proper depth by test fitting the Junction Cap Top
10. Snug (do not over-tighten) the RU122 Screw Ring to hold bulb in place
11. Install RU120 Junction Cap Top and seal with RU119 Junction Screws
12. Reinstall Uvinex Clarifier in the SkimmerFilter

Recommended Flow Rates

For water clarification, the pump needs to flow the total volume of the pond water past the UV no less than every two hours. In standard Skimmerfilters® two UVs may be used for increased clarification.

18 Watt UVinex™ / 28 Watt High Output

Minimum 33% of total volume of gallons per hour (gph)
Maximum 2000 gallons per hour (GPH)

26 Watt UVinex™ / 35 Watt High Output

Minimum 33% of total volume of gallons per hour (gph)
Maximum 3000 gallons per hour (GPH)

55 Watt High Output

Minimum 33% of total volume of gallons per hour (gph)
Maximum 5000 gallons per hour (GPH)

Maintenance

Prior to performing any maintenance, always unplug the UVinex™ system. Use caution when removing or replacing bulbs.

Every Three Months:

Coated bulb should be wiped with a clean cloth & rinsed with clean water.

Annually or As Needed:

Replace UVinex™ bulb every 12 months for optimal water clarity.

Winterizing

Allowing the UVinex™ system to freeze can result in breakage to the bulb.

Winterize pond equipment before ice develops on the pond. Keep equipment winterized until Spring when the water temperature rises to 40F or higher consistently.

To Winterize UV:

1. Disconnect electrical connections.
2. Remove the UV from the Skimmerfilter®.
3. Dry UV unit thoroughly and clean bulb.
4. Store indoors in a safe place.

Safety

Important Safety Instructions

Water and electricity can be deadly when combined. This unit can pose a significant risk of bodily harm if used incorrectly. Please read the following instructions carefully.

WARNING - ELECTRICAL SHOCK HAZARD

- Never immerse the ballast/transformer unit in water.
- Never immerse the entire Uvinex™ system in water.
- UV must be used in conjunction with a ground fault current interrupter socket (GFCI) (If you do not have a GFCI, contact a licensed electrician before using the UV.)
- If the UV's internal components get wet, unplug the unit immediately.
- If the bulb shows signs of leakage unplug the unit immediately.
- Do not operate UV with a damaged cord or plug, if it has been dropped, or is malfunctioning.
- Do not attempt repairs on a damaged transformer unit.
- Always unplug the unit when not in use and prior to servicing it.
- Always pull the plug from the outlet, never pull the cord.

UV Light Warning

- Do not operate UV unless it is fully installed in the Savio Skimmerfilter®.
- UV lamps emit radiation that is harmful to eyes and skin. Do not look directly at UV while in operation.
- UV lamps are made from glass and must always be handled with caution.
- Closely supervise children around all pond equipment.
- The Savio Uvinex™ System is for use solely in Savio Skimmerfilters®. Do not use it in any other environment.

Troubleshooting

Faults	Possible Causes	Remedies
UVinex™ System not operating	<ul style="list-style-type: none"> a) UV is not plugged in b) GFCI switch (ground fault circuit interrupt) has tripped c) Domestic fuse has blown d) UVinex™ bulb needs replacing e) UVinex™ transformer has failed 	<ul style="list-style-type: none"> a) Connect UV plug to a working outlet b) Reset GFCI. If this occurs often consult an electrician c) Replace the fuse or the reset circuit breaker. If this occurs often consult an electrician d) Replace bulb e) Replace transformer
Transformer Light RED	<ul style="list-style-type: none"> a) Bulb not connected to transformer b) UVinex™ bulb needs replacing c) Transformer needs to be reset 	<ul style="list-style-type: none"> a) Unplug from the electrical circuit. Unscrew junction box and reconnect bulb into transformer, reassemble and restart b) Replace Bulb c) Unplug transformer from the circuit
Bulb not lit	<ul style="list-style-type: none"> a) Coating is cracked or broken b) UVinex™ bulb needs replacing c) Transformer needs to be reset 	<ul style="list-style-type: none"> a) Check coating for signs of breakage or cracks. Replace bulb b) Replace Bulb c) Unplug transformer from circuit allow 2 minutes and restart
Uvinex System trips GFCI	<ul style="list-style-type: none"> a) Bulb coating is Cracked or broken b) Too much output for the electrical outlet 	<ul style="list-style-type: none"> a) Replace Bulb b) Unplug any other items plugged into the same circuit. Have an electrician check circuit
Water not clearing up/clarifying	<ul style="list-style-type: none"> a) Not enough UV output b) Too much calcuim buildup c) Not enough Bio-Mechanical Filtration d) Needs additional time for extreme buildup 	<ul style="list-style-type: none"> a) Check UV output ratio to pond gallons and pump output (GPH). Additional wattage needed b) Wipe UV coating with a clean cloth to remove build-up c) Check your pond gallons and waste accumulation to the amount of filtration needed. Add additional filtration d) If starting UV system under extreme algae buildup - allow additional time for clarification. Standard 3-4 weeks

Warranty

Savio Engineering provides a manufacturer's limited warranty of 1 year from original purchase date. Warranty does not cover consumables or wear items such as bulbs or o-rings. Warranty is non-transferable. Within the warranty period, Savio will repair materials with manufacturing deficiencies at their discretion.

This warranty does not cover and faults caused by improper use, installation and handling of the device or as a result of wear and tear. Savio Engineering does not assume liability for consequential damage caused by the failure of the Savio UVinex™ System. Removal of cord or ground-pin voids warranty.

Warranty is void if the product is not used in accordance with instructions. For warranty claims, please contact your dealer. Proof of purchase from authorized retailer is required.

Innovative, precision-engineered solutions

Advanced water gardening products for healthy, clean living ponds.



Skimmerfilter®



Livingponds® Waterfall Filter



Pond Package™



UVinex® System



Water Master™ Pumps



Waterfall Well™



SpringFlo™



Ignite Landscape Lighting®



Rescue Water Treatment™



Black Foam™



Pond Free® Kits