



# UltraUV™

ULTIMATE UV WATER SANITIZER

## OWNER'S MANUAL LAMP REPLACEMENT



### **IMPORTANT SAFETY INSTRUCTIONS: READ COMPLETELY BEFORE PROCEEDING.**

When using this electrical equipment, basic safety precautions should always be followed, including the following:

#### **WARNING:**

- Follow all applicable electrical codes.
- Turn off power at main source before making any electrical connections or servicing the unit.
- To reduce the risk of electric shock, injury or death disconnect unit from power supply
- Follow the instructions or risk of serious injury or death could occur!



### **UV EXPOSURE & PROTECTION:**

UV-A and UV-B radiation can have adverse short and long term effects on the eyes and skin. Never look directly at a UV lamp that is connected to a power source. Avoid UV skin exposure at all times.

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Water Sanitizer 4BU1

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## WATER CHEMICAL BALANCE

If you have installed your ULTRA UV unit on any water vessel other than fish ponds or ponds with live plants, it is important that you check and adjust the chemical balance of the water. The ULTRA UV unit dramatically reduces the need for chemical sanitizers, but a minimum sanitizer residual must be maintained.

## UPGRADING THE OUTPUT OF THE ULTRA UV UNIT

One of the exclusive features of the ULTRA UV system is the ability to increase the UV output of the unit by adding additional lamps. Up to three additional lamps can be added to a single lamp system. This is accomplished easily by adding lamps and or adding additional ballasts and lamps.

## SCHEDULED UV LAMP(S) REPLACEMENT PROCEDURE

The UV lamps have a useful life of approximately 13,000 hours and should be replaced at that time. Even though the lamp(s) may be glowing after 13,000 hours of operation they have reached the end of their useful life.

1. Turn off all power to the ULTRA UV unit and all other pool equipment. Unplug the unit from its power receptacle or turn OFF the circuit breaker that is the ULTRA UV's power source. Before proceeding to step 2 allow at least 15 minutes for the bulbs in the unit to cool off.
2. **NEVER REMOVE THE ELECTRICAL ENCLOSURE COVER WITHOUT FIRST UNPLUGGING OR TURNING OFF THE CIRCUIT BREAKER (POWER SOURCE) FOR THE ULTRA UV UNIT. NEVER REMOVE THE ULTRA UV UNIT'S COVER WITHOUT TURNING OFF THE PUMP.** Remove the three screws on the plastic cover and lift up on the cover to remove. (Fig. 1)
3. With the cover off unplug the lamp connectors from the lamps by pressing the release and pulling the Mate-N-Lok connectors apart to separate, repeat to disconnect all lamps (Fig. 2).

**YOU MUST WEAR PROTECTIVE RUBBER GLOVES. DO NOT HANDLE A HOT LAMP OR SERIOUS BURNS WILL OCCUR. DO NOT TOUCH THE GLASS PART OF THE LAMP AS BODY OILS WILL CREATE HOT SPOTS & GREATLY SHORTEN LAMP LIFE.**

4. Carefully lift the lamp(s) from the quartz tube (Fig. 3). With the lamp(s) removed from the unit, pull off the black booties from the bottom of each lamp(s) and remove the bottom and top yellow aligning disk (Fig. 4, 5, 6). Retain both yellow aligning disks. New replacement lamp(s) includes black booties and O-rings.
5. Discard lamp(s) appropriately. Visit [www.lamprecycle.org](http://www.lamprecycle.org) for instructions on disposal. Repeat the steps in reverse order to reinstall the lamp(s).



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6