

## OPERATION

- Always disconnect power before performing any work on the disinfection system.
- Regularly inspect your disinfection system to ensure that the power indicators are on and no alarms are present.
- Replace the UV lamp annually (or biennially if seasonal home use) to ensure maximum disinfection.
- Always drain the reactor chamber when closing a seasonal home or leaving the unit in an area subject to freezing temperatures.

### Operating & Maintenance Instructions:

**⚠ Caution:** prior to performing any work on the disinfection system, always disconnect the power supply first.

#### UV Lamp Replacement :

**NOTE: RESET LAMP LIFE TIMER AFTER LAMP REPLACEMENT (PG 10)** – refer to [www.lamprecycle.org](http://www.lamprecycle.org) for lamp disposal

1. To replace the lamp, there is NO need to disconnect the system from the water supply, nor to drain the water from the reactor chamber DO NOT USE WATER DURING THIS PROCEDURE. Lamp replacement is a quick and simple procedure requiring no special tools. The UV lamp must be replaced after 9,000 hours of continuous operation (approximately one year) in order to ensure adequate disinfection.
2. Disconnect main power source and allow the unit to power down for 30 sec. Remove the lamp connector by sliding the metal retaining ring (Figure 2A) away from the body of the connector. Remove connector and lamp from the reactor chamber. Separate the lamp from the connector (Figure 2B). Do not twist the lamp from the connector, simply slide the two apart. Avoid touching the lamp on the glass portion. Handling the lamp at the ceramic ends is acceptable, however if you must touch the lamp glass, please use gloves or a soft cloth. Fully remove the lamp from the reactor chamber being careful not to angle the lamp as it is removed from the chamber. If the lamp is removed on an angle, pressure will be applied on the inside of the quartz sleeve, causing the sleeve to fracture.
3. To install a new lamp, first remove the lamp from its protective packaging, again being careful not to touch the lamp glass itself. Carefully insert the lamp into the reactor vessel (actually inside the quartz sleeve) (Figure 2C). Insert the lamp fully into the chamber leaving about two inches of the lamp protruding from the chamber. Next, attach the connector to the UV lamp (Figure 2B). The connector is “keyed” and will only allow correct installation in one position. Ensure the connector is fully seated onto the UV lamp (Figure 2D).

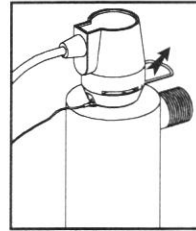


FIGURE 2A

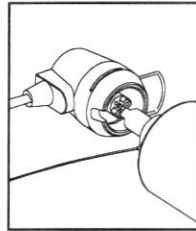


FIGURE 2B

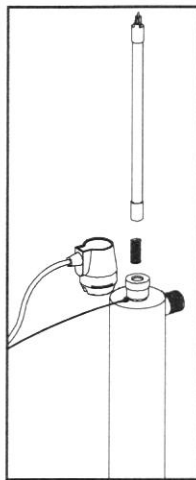


FIGURE 2C

4. Once the lamp is fully seated on the connector, slide the connector over the aluminum retaining nut. Make sure the metal retaining ring on the connector is pulled away from the body of the connector in order that the connector may slide fully over the retaining nut. Once the connector is located fully over the retaining nut, slide the metal ring back in to lock the connector in place (Figure 2E). As this connector is keyed to the reactor chamber, make sure the notch on the connector (Figure 2D) is located over the ground lug located on the reactor chamber.

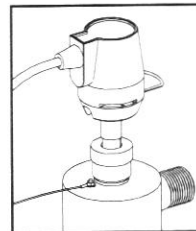


FIGURE 2D

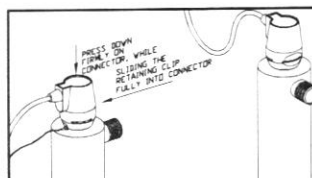


FIGURE 2E