

## ENVIRONMENTALLY FRIENDLY ULTRAVIOLET LIGHT SYSTEMS FOR COMMERCIAL POOLS & SPA'S

With the ever increasing demand for ultraviolet technology in the commercial swimming pool industry, ChlorKing has teamed up with Sentry ultraviolet to manufacture the most user friendly, cost effective UV systems available on the market today.

In keeping with ChlorKing's KIS (keep it simple) philosophy, this low pressure, high output amalgam lamp technology achieves 4 log reduction for cryptosporidium and other pathogen control in water, while remaining cost effective for virtually any facility.



### \* Easy to Install

System sizes range from 2" to 8" with threaded nipples or flanges (model specific)

### \* Easy to Use

A simple LED control panel allows the operator to visually inspect operation and will warn of any malfunction or situation that needs attention.

### \* Cost Effective

The ultimate solution for your swimming pool. Control cryptosporidium, ecoli and all other bacteria for a fraction of the cost of medium pressure systems.

### \* Lower Chlorine Use

Our low pressure high output amalgam system will reduce the amount of chlorine you need in your pool, or if you're thinking about adding a salt chlorinator, you can downsize the chlorinator by as much as 50%. (pool specific)

Easy to Install

Easy to Use

Reliable Performance

50 - 900 gpm

Stainless Steel

PVC - Stainless lined

Cost Effective

Lower Chlorine Use

Destroys  
Chloramines

**Patent Pending Quick Disconnect Assembly  
Easy Access for Sleeve Cleaning and Inspection**



\*\* NSF Certified models have a chemical cleaning method installed and disassembly of the lamps and sleeves is not required.

**\* Strainer**

Strainer to capture broken glass included

**\* Lamp Life**

13,000 hours

**\* Plumbing**

2" - 8" (model specific)  
Inlet/outlet designed to fit special needs

**\* Temperature**

Operates in water up to 130 Degrees F.

**\* OH Produced**

1 watt of 185nm UV will produce  $6 \times 10^6$  -  $7$  moles of OH per second in water

**\* Hour meter**

Logs lamp hours and sleeve replacement hours

**\* Safety Features**

Thermally protected automatically shuts down if abnormal operating temperature is reached. Sensor monitors sleeve fouling and or loss of 254nm sterilizing wave length

**\* Chamber Material**

316L stainless steel or PVC with 316L stainless lining

**\* Lamp Type**

254nm and 185nm for UV and ozone production  
Sterilizes and oxidizes

**\* Rated Flow**

From 50 - 900 gpm (model specific)

**Easy to Install**

**Easy to Use**

**Reliable Performance**

**50 - 900 gpm**

**Stainless Steel**

**PVC - Stainless lined**

**Cost Effective**

**Lower Chlorine Use**

**Destroys Chloramines**

