

— Safer water through smarter technology —

## Sentry UltraViolet Light technology



### Make Your Water As Incredible As Your Pool.

ChlorKing® Sentry Aqua Guard UV systems are leading the way to better, safer water. Their unique, forward-thinking design employs high output amalgam technology for better chloramine control and inactivation of chlorine resistant bacteria. Sentry Aqua Guard systems are designed for commercial pools and spas, and they pay for themselves through lower cost of operation and a longer lasting system.

 **ChlorKing®**  
ULTIMATE WATER SYSTEMS



# Sentry Ultraviolet Light Systems

Your facility strives to promote a healthy environment for your members and guests. With a ChlorKing® Sentry ultraviolet light system your pool can now become an attraction instead of a headache.

## Why Ultraviolet light?

ChlorKing® Sentry ultraviolet light systems add a second level of protection for your patrons against pathogens in the pool water. They also drastically reduce the level of chloramines which can often overwhelm indoor pool areas.

## Easy to use.

ChlorKing® Sentry UV offers the simplest operation available using the KIS (Keep it simple) philosophy. A LED control panel allows the operator to

visually inspect operation and will warn of any malfunction or situation that needs attention.

## Benefits of Sentry UV.

- \* Amalgam technology
- \* Improved water and air quality
- \* Reduction in chlorine consumption
- \* Reduction in water born bacteria
- \* Reduction in bleached bathing suites
- \* 13,000 hour EOL lamp life
- \* Patent pending quick disconnects
- \* 316L stainless steel chambers
- \* Schedule 80 chambers for small pools and hot tubs
- \* 120v power supplies on all models
- \* 254nm wave length for sterilization
- \* 185nm wave length for oxidation

## Easy to install.

ChlorKing® Sentry UV systems can be installed vertically or horizontally and will fit into most existing pump rooms. Flange sizes from 2" to 10" are available with inlet and outlet configurations of "U" or "Z" for the easiest installation possible. All systems are 120v.

## Quick Disconnect Assembly.

ChlorKing® Sentry UV systems feature a patent pending quick disconnect sleeve assembly for the easiest quartz sleeve removal in the industry. This unique design allows the operator to remove the sleeves in less than 1 minutes when changing, cleaning or replacing is required. Why struggle with expensive troublesome automated wipers on competitive systems?

## SAG Ultraviolet Light MODELS

MODEL	# LAMPS	FLANGE	POWER	AMP DRAW	MAX FLOW RATE 45mj/cm2	TRANSMITTANCE
SAG-120APVC	1	2"	120v single phase	1.2	75 gpm	95%
SAG-240APVC	2	3"	120v single phase	2.4	150 gpm	95%
SAG-120A	1	2"	120v single phase	1.2	50 gpm	95%
SAG-240A	2	3"	120v single phase	2.4	120 gpm	95%
SAG-480A	4	4"	120v single phase	4.8	350 gpm	95%
SAG-720A	6	6"	120v single phase	7.2	620 gpm	95%
SAG-960A	8	6" or 8"	120v single phase	9.6	770 gpm	95%
SAG-1200A	10	8" or 10"	120v single phase	12	1140 gpm	95%



ChlorKing pioneered on-site chlorine generating technology in the 1970's. Realizing the potential for swimming pools and commercial applications, the company began generating "ultimate water" with simple, yet highly advanced technology. Today, ChlorKing® leads the way in commercial saline chlorination and is consistently seeking new frontiers in sanitizing solutions including ultraviolet light technology and their NEX-GEN® pH onsite chlorine generators. These environmentally friendly solutions are changing the way we treat H<sup>2</sup>O.



On-site Chlorine Generators • Ultraviolet Light Systems • Mixed Oxidant Systems