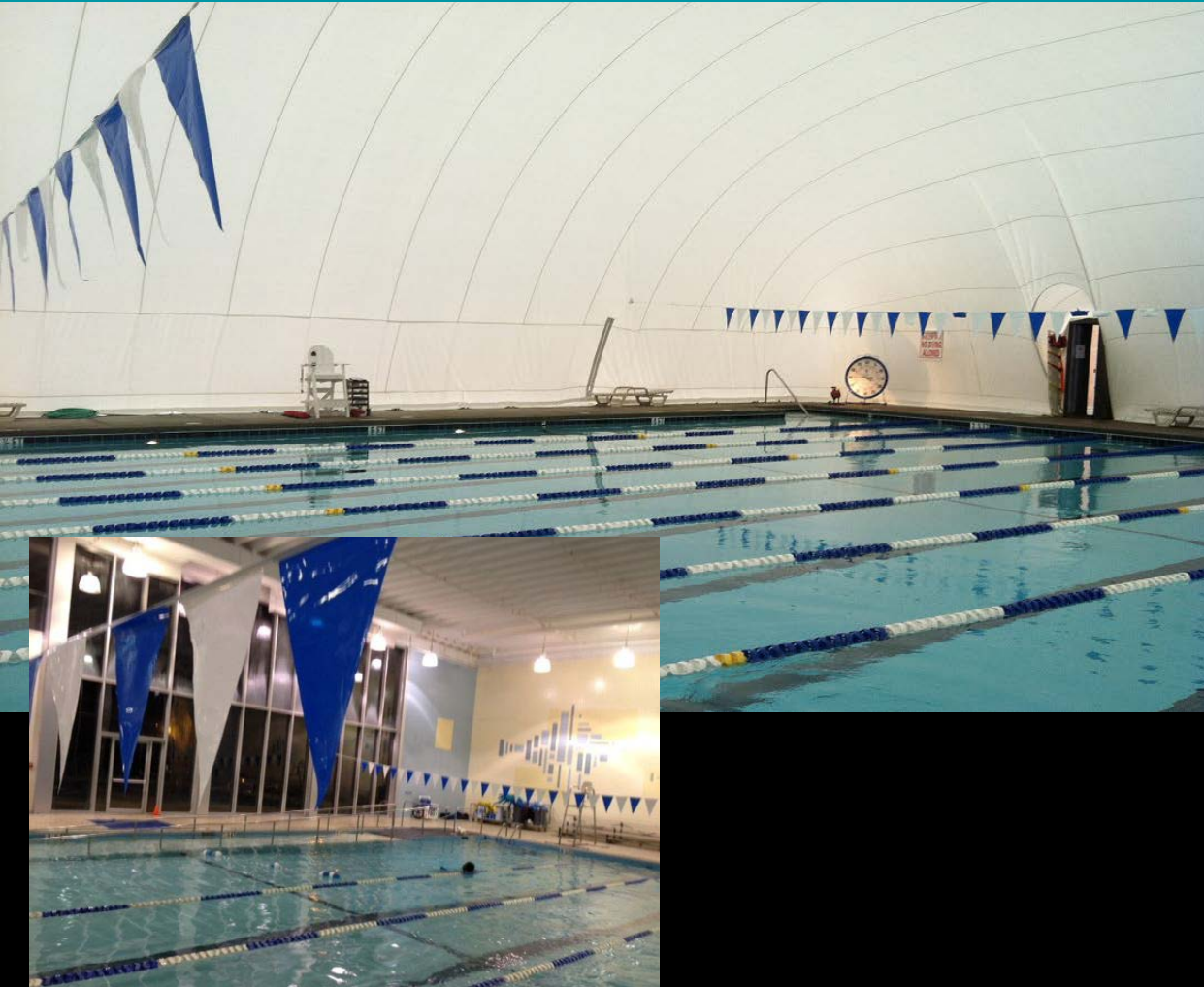


Solutions for YMCA

## ON-SITE CHLORINE GENERATION & UV



### WHEN THEIR GUESTS ARE HAPPY, THE OWNERS ARE HAPPY.

When the GHS family YMCA in Simpsonville, SC was looking to enhance the quality of their swimming pool environment, they looked no further than the ChlorKing solution. “The combination of ChlorKing NEXGEN on-site chlorine generation and Ultraviolet light technology has given us the best water quality and overall pool environment we have ever had”



Safer water through smarter technology

YMCA PROJECTS

# SCOPE OF PROJECT

## The Facility

The GHS Family YMCA has two bodies of water requiring year round sanitization. One indoor lap and leisure pool, and an outdoor pool which has a bubble for winter months.

The YMCA was looking for a cost effective system to not only provide the chlorine required, but also to make their water as safe as possible for their patrons.

## Challenges

- Heavily used bodies of water
- Kids and instructors spend many hours in the pool
- Lots of sweat and urine entering the pool equals high chloramines levels.
- Budget limitations

## Recommendations

- ChlorKing On-site chlorine generation for unbeatable water quality and safety.
- Sentry Ultraviolet light technology for chloramines removal and crypto destruction.

## Main Features of products specified

- [1] NEXGEN 40 on-site chlorine generation system capable of producing 40lb's of free available chlorine per day.
- [1] ChlorKing feed system to feed chlorine to the second pool from the primary NEXGEN system.
- [1] SAG 720A stainless steel SENTRY high output amalgam ultraviolet light system capable of operating at 120v with output range of 45 - 60mj/cm2 for chloramines destruction.

## Results

- Better air quality through chloramines removal by UV system
- Less dilution and addition of fresh water to the pool
- Less eye irritation for kids
- Less skin irritation for kids and instructors
- Safer equipment operation through reduction in chemicals
- Better air quality through chloramines removal by UV system
- Ultimate water

## Location

GHS Family YMCA  
550 Brookwood Point Place  
Simpsonville, SC, 29681  
Tel: 864-963-3605

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<sub>2</sub>O.



Safer water through smarter technology.



On-site Chlorine Generators

Ultraviolet Light Systems

Mixed Oxidant Systems