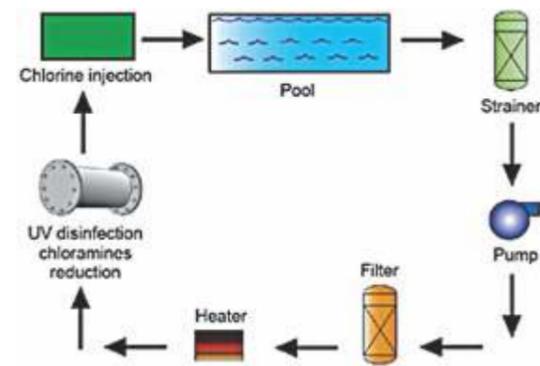


## ULTRAPPOOL UV TYPICAL INSTALLATION DIAGRAM



## UV TECHNOLOGY VS OZONE

	Ultraviolet (UV) Pools & Spa Systems	Pool Ozone Generator
Allows for Lower Free Chlorine of 0.5 ppm According to WHO	Yes	Yes
Reduces Toxic Chloramines & Disinfection By-products In Pools and Spas	Yes	Yes
Strongest Oxidizer Available Per Professional Pool Operators Of America	Yes	No
Inactivates Giardia Cysts & Cryptosporidium Oocysts Per WHO	Yes	No
Potential for air pollution and poisonous gas leakage	No	Yes
Difficult to Startup, Calibrate, & Maintain	No	Yes
Total Cost of Use	Lowest Available	Moderate to High
Can completely eliminate the use of chlorine in a public pool	No	No

## ULTRAPPOOL UV TECHNICAL SPECIFICATIONS

TYPE	DEBIT	PUISSANCE	DUREE DE VIE	
ULTRA POOL 45	12 m3/h	1X 95W	9000 h	E/S en BSP M 1"1/2

## MOVING FORWARD: THE NEXT STEP

If you are a pool owner and want to know about the advantages of UV in your swimming pool or spa, contact us. Or, if you are an assembler or dealer of water treatment plants and are catering to the swimming pool industry contact Alfaa UV for Ultrapool UV systems. Learn how you can cut costs, increase health and safety and lower maintenance expenses.

## ALFAA UV SYSTEMS TRUSTED BY



... amongst many, many more



Ace Hygiene Products Pvt. Ltd.  
1003A Peninsula Tower  
Peninsula Corporate Park  
Lower Parel, Mumbai 400013  
INDIA

+91.22.66612300 ph  
indsales@alfauv.com email  
www.alfauv.com web

Fold Here



# MORE HEALTH, LESS CHEMICALS



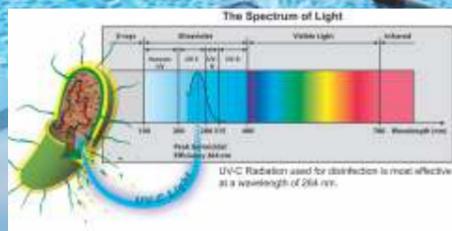


# ULTRAVIOLET POOL TECHNOLOGY

NOW IN INDIA

Ultraviolet or UV is being recognized as a safer, more cost effective and environmentally friendly alternative to traditional chlorination and has become the preferred choice for swimming pool treatment worldwide. Internationally, the pool industry is moving to UV. With regard to pool sanitation, the World Health Organization (WHO) states that "Lower free chlorine concentrations may be health protective when UV is used".

UV is recognized as the safer, more cost effective treatment worldwide.



## HOW DOES UV WORK?

- UV systems emit high intensity germicidal light that alters or disrupts the DNA or RNA of targeted organisms such as algae, bacteria, viruses, cysts and protozoa.
- The highly concentrated electromagnetic energy also destroys organic matter, eliminating the formation of dangerous chlorine by-products called chloramines, the frequent cause of burning and redness of eyes, skin irritation, asthma, and allergies.

As per WHO, significantly reduced free chlorine concentrations (0.5 mg/l or less) are adequate when chlorine is used in combination with UV disinfection

## POOL CHEMICALS: THE PROBLEM

Most pools and spas depend on chemicals to sanitize them. Traditionally, chlorine has been in use for more than 40 years to create "safe pools". However, it is increasingly being known that during typical chemical disinfection, chlorine and other chemicals react with organic matter to form hundreds of new chemicals- disinfection byproducts such as chloramines, that have been linked to redness and burning of eyes, skin irritation, asthma, allergies and even cancer. New studies show that your swimming pool may turn out to be dangerous water. Some have even compared the risks of pool chemicals to those of second hand smoke.

Chlorine and Chloramines are known to cause burning of eyes, skin irritation, and even asthma.



Alfaa UV Head Office, Lower Parel, Mumbai



Alfaa UV Manufacturing Facility, Talegaon

## ABOUT ALFAA UV

Alfaa UV is the market leader for UV disinfection system in India with thousands of installations having capacities ranging from just 100 L/hr to our largest installation of over 10 million liters per day.

Alfaa UV is an ISO 9001:2000 certified company having vast experience and credibility for supply of UV systems for critical process water applications. With offices in India and Europe, Alfaa UV is a global supplier of ultraviolet disinfection technology.

Some of Our Firsts Include:

- India's largest Municipal drinking water UV system installed at the Commonwealth Games Village (New Delhi).
- India's largest non-municipal recycled sewage treatment disinfection UV system installed at Gurgaon.
- First and only Indian UV supplier with a specific range for the pharmaceutical industry with USFDA and ASME-BPE-2009 validations.



## FOR SAFE, HEALTHY AND EASY TO MANAGE POOLS AND SPAS

### Promotes Health

By reducing toxic by products of chlorine disinfection, UltraPool UV offers greater safety and minimizes the risks of skin and eye irritation, allergies, asthma, and cancer.

### Safe

Unlike chlorine, there is no risk of overdose or production of toxic by products. There is no residual effect that is harmful to human skin, eyes, or the environment.

### Lesser Chemicals

By reducing the use of Chlorine as a sanitizer with high intensity UV light, Ultrapool UV greatly reduces the dependence on chemicals.

### Easy to Manage

With fewer chemicals, maintaining the PH balance is simpler. This means less time adjusting chemical levels and more time to enjoy your pool.

### Green Technology

Environmentally friendly with no residues, or toxic side effects.

### Easy Installation

Ultrapool UV systems can be connected between the filtration plant and the line returning to the pool. Retrofit in existing pools is easy.

### Assured After Sales Service

Ultrapool UV Systems come with the assurance of reliable after sales service, the hallmark of trust from Alfaa UV.



## The French Connection



"Alfaa UV has supplied well designed and reliable products which are consistently meeting and exceeding European quality norms."

-Laurent Micheau, Alfaa France (Lyon, France)

Alfaa UV systems have been exported to France for use in swimming pools for over 5 years. UV technology in France is well established. Tried and tested, hundreds of UltraPool UV systems deliver reliable and consistent disinfection results thereby reducing the harmful effects of chlorine and its disinfection by products.