

ABOUT LIFETECH

LIFETECH is a Czech technological company with a global reach and top know-how in pool, drinking and wastewater disinfection. We also provide professional solutions in the field of air disinfection and deodorization. LIFETECH designs and produces UV disinfection units, as well as ozone generators and Advanced Oxidation Process equipment.

PRODUCT PORTFOLIO

Medium Pressure UV Systems LifeUVM®

Our products represent chlorine-free water treatment in private pools and radical reduction of bound chlorine in public pools. High-quality UV systems prevent reactivation of bacteria and remove aggressive trichloramine.

LifeUVM® products:

Medium pressure UV lamps for private pools ProfiPure and Charm for private pools, and Top/Clear/Eco Direct for public pools.

Applications:

Whirlpools, swimming pools, kid's pools, rehabilitation pools, artificial lakes

Installations:

Wodny Świat (Zielona Góra City, Poland), Center of Oceanography and Marine Biology "Moskvarium" (Moscow, Russia)



Low Pressure UV Systems LifeUVL®

Effectively destroys bacteria, fungi, and viruses from pool and drinking water. The target of UV disinfection is the genetic material (nucleic acid). The aim is to destroy its ability to reproduce, and this way to make them unable to multiply to infectious numbers within a host.

Application of LifeUVL® products:

Private pool water, drinking water treatment, artificial lakes in e.g. Russia, Slovakia, Czech Republic, UK

Ozone water treatment

One of the most advanced ways to treat pool water and drinking water. It is a few hundred times more powerful and efficient than chemical water treatment. The main advantage of ozone is that harmful substances, microorganisms, odour or colours are destroyed by oxidation, without the formation of harmful, chlorinated by-products.

Ozone products:

Mobile disinfection unit, Exclusive 2.EP, Exclusive 4. EP, Exclusive 12 .EP

Application:



Private and public swimming pools, drinking water treatment, food warehouses, bottles and production lines O3 disinfection

Installations:

X-BIONIC® SPHERE Resort (Šamorin, Slovakia), Bottling Plant Application (Belgium), Water treatment Plant Veolia Water Bochnia (Poland)

AOP LifeOX® (Advanced Oxidation Process)

The combination of ozone and UV radiation significantly increases the oxidation potential and it is the best water treatment technology now available. AOP is based on creating OH-radicals in water, which are able to oxidize particles in water much faster and more efficiently. The higher the oxidation potential, the better the disinfection and purification.

AOP LifeOX® products:

Combi Ozone/UV .EP, LifeOX M .EP

Application:

Private and public high-end level swimming pools, drinking water treatment

Installations:

Swimming Pool in Bismo (Skjåk,, Norway), Grand Hotel Kempinski High Tatras 5* (Štrbské Pleso Resort, Slovakia), Scientific Center of Cardiovascular Surgery named after Andrey Bakulev (Moscow, Russia)

COOPERATION

We are looking for companies that are in the field of pool and pond construction/care - builders, accessory dealers, technology distributors, or design companies.

We deliver to more than 60 countries around the world. Our representatives speak English, German, Russian, Ukrainian, Czech, and Slovak.

Lifetech is a single source for design, production and delivery of advanced water treatment technologies.

[See list of references](#)

[Download catalogue Pool & jacuzzi](#)

CONTACT

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