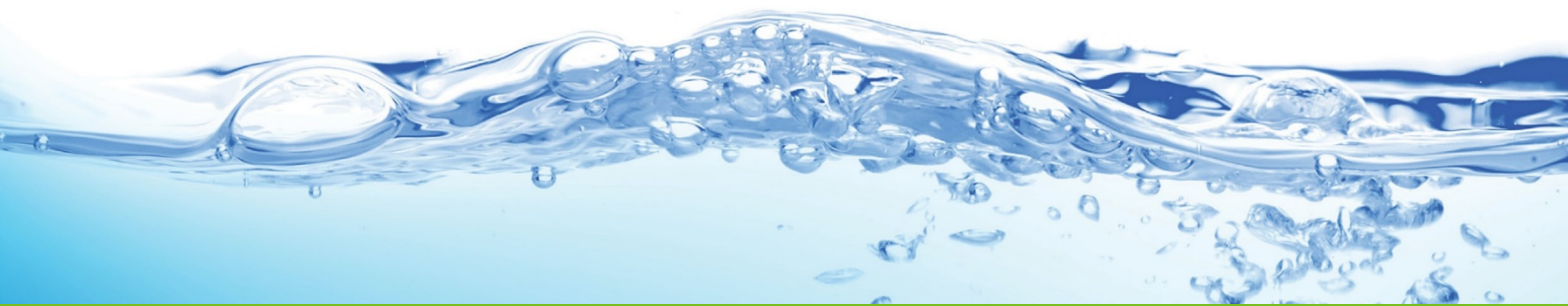




GLOBAL MANUFACTURERS OF ULTRAVIOLET LAMPS



## UV DISINFECTION INDUSTRY SECTORS

The water decontamination industry is one of the most crucial industries in the world, each nation requires ultraviolet (UV) technologies for;

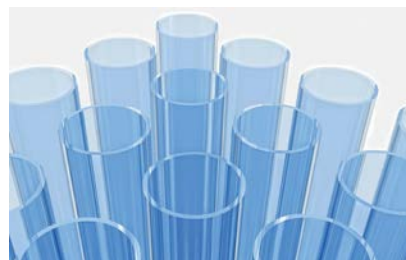
- Consumer Drinking Water
- Industrial Process Water
- Industrial Wastewater
- Municipal Drinking Water
- Municipal Wastewater
- Ballast Water



## ALPHA-PURIFY'S PRODUCT RANGE

Alpha-Purify manufactures and supplies bespoke lamp designs and cost effective UV lamp solutions to meet your exact requirements:

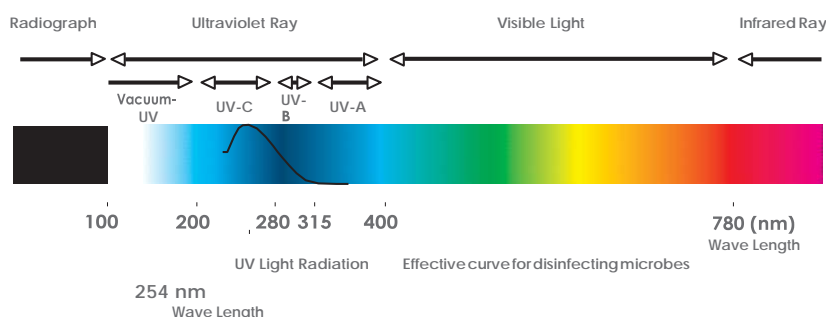
- Medium/High Pressure (MHP) Mercury UV Lamps
- Low Pressure, Low Output (LPLO) Mercury UV Lamps
- Low Pressure, High Output Mercury UV lamps (Amalgam Lamps)
- UV-C LED Lamps
- Lamp Ballasts
- Electronic Power Supplies
- Quartz Sleeves
- UV Measuring Equipment
- Lamp and System Accessories



## PRINCIPALS OF UV DISINFECTION

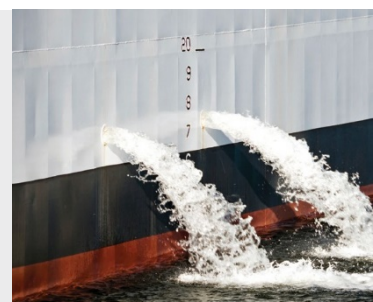
UV radiation works on the principle of producing light around the wavelength of 254nm. Radiation at this wavelength is absorbed by microbes and can damage microbial DNA and RNA with significant impact.

The inactivation of the microorganisms is carried out by the UV-C light, this severe damage prevents the microorganisms from reproducing, thus rendering them harmless.



## QUALITY PROMISE

- Delivering the highest quality product
- Each lamp individually handmade
- Advanced materials
- Unrivalled manufacturing processes
- Highest grade vacuumed baked quartz
- Ultra-high purity noble gases
- Mercury purity reaching levels of 99.995%





## STRATEGIC PARTNERSHIPS

Alpha-Purify's dedicated research and development department are committed to delivering responsible innovations in partnership with leading water disinfection system manufacturers throughout the world.

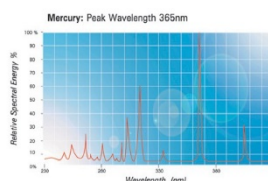
Established in 1996 Alpha-Purify's founding partners boast over 133 years of technical knowledge within the UV lamp manufacturing industry. Alpha-Purify continuously develops and introduces new and improved products to their extensive portfolio, ensuring the highest level of customer satisfaction & support is maintained.



## UV SPECTRAL OUTPUTS

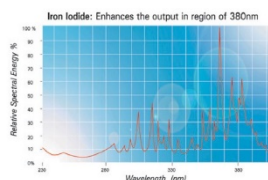
### STANDARD MERCURY

- High radiation output suitable for many water disinfection applications



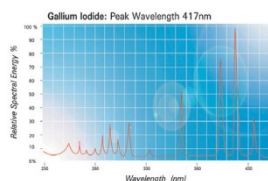
### HIGH PERFORMANCE

- Compact designs with high UV output



### METAL HALIDE

- Suitable for photochemical applications



## ULTRAVIOLET LAMPS FOR EVERY UV SYSTEM

### LAMP POWER RATINGS & SIZE RANGE

- 50 to 550 W/cm
- 500 watts to 30 kilowatts
- 5cm to 3.0m arc length
- 10mm to 46mm diameter
- Round Seal
- Pinch Seal
- 50 Socket Types (Ceramic & Metal)



## MATERIAL INSPECTION

All manufactured lamps and components must pass Alpha-Purify's rigorous in-house inspection procedures.



## CUSTOMER SERVICE

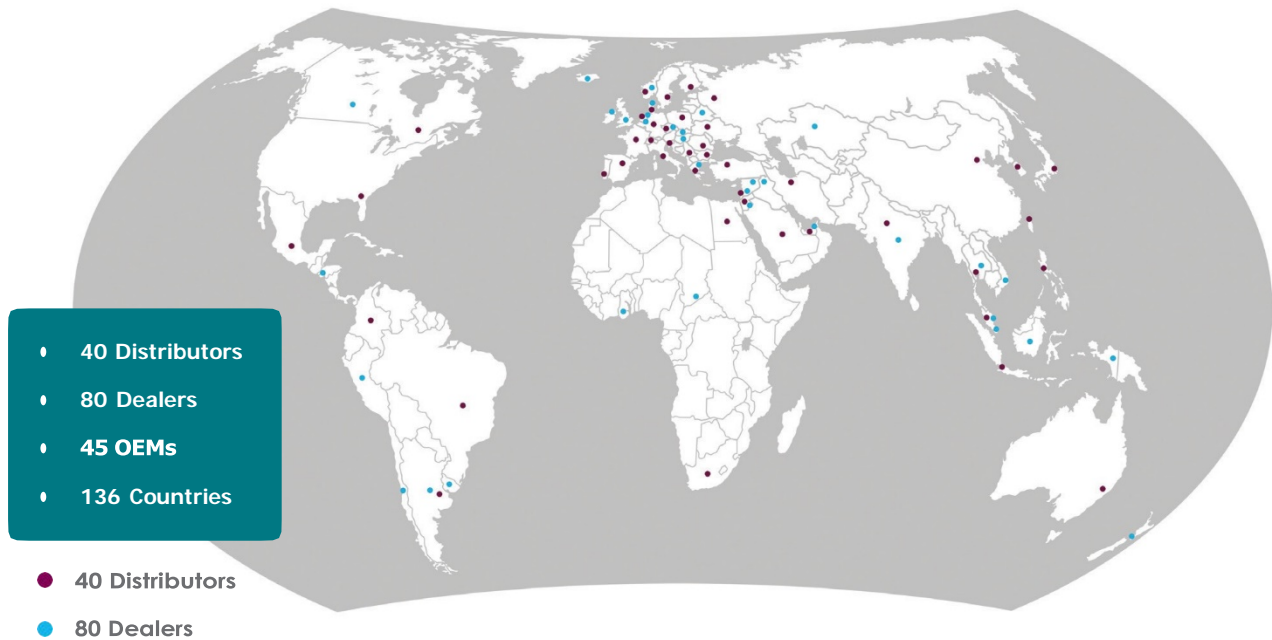
Highly trained technical and commercial staff ready to assist you with your lamp enquiries.



## ALPHA-PURIFY GLOBAL DISTRIBUTION

Our extensive global distribution network enables Alpha-Purify to efficiently deliver to customers wherever you are in the world.

As we continue to grow as leaders in the UV lamp manufacturing industry, we are keen to engage and grow our partner distribution channel with exceptional organisations within established or growing territories, in order to strengthen our customer service promise to you.



## CONTACT ALPHA-PURIFY TODAY!

Berenika Bond  
Head of Sales: UV Disinfection

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