

BUILDING & CONSTRUCTION

Ultraviolet Technology for the Building Services Industry

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ATG UV TECHNOLOGY ARE MARKET LEADERS IN THE CUSTOM DESIGN, PRODUCTION, INSTALLATION AND MAINTENANCE OF ULTRAVIOLET TREATMENT SYSTEMS FOR A RANGE OF APPLICATIONS.

ENVIRONMENTALLY FRIENDLY & SAFE

Our leading UV disinfection systems offer simple solutions for a range of complex applications in a range of industries.



Millenium Centre Tower - Cardiff

With over twenty five years of industry experience, an impressive international client portfolio and range of successful case studies, **atg UV Technology** are leading the way in this rapidly growing market. With industry regulations becoming more strict and stringent, increasing governmental and media interest and the growing threat of chemically resistant micro-organisms such as Cryptosporidium, it is important to choose a company who you can trust.

With an impressive international client portfolio, state-of-the-art technology, and a wealth of experience in the Ultraviolet industry, **atg UV Technology** are leading the way in the custom design of Ultraviolet technology systems that fully meet the dose and testing requirements, providing effective and cost efficient solutions for a range of industry applications.

WHY USE ULTRAVIOLET TECHNOLOGY

atg UV Technology are experts in the application of Ultraviolet light, offering both medium pressure and low pressure amalgam lamp technologies, allowing for tailored and cost efficient solutions for a vast range of applications.

Flexible designs ensure **atg UV** can provide advanced technology solutions for both new installations and retrofits of existing units, in a range of difficult and challenging environments. In addition to our standard 316 stainless steel specification, **atg UV** can also supply exotic materials such as duplex, and super duplex stainless steel, 90/10 CuNi and titanium to name but a few.

SPECIFICATION & QUALITY

atg UV's attitude to design and manufacture is driven by a 'quality first' approach. As an ISO 9001 company you can be assured all **atg UV** products are consistently built to the highest standards.

atg UV's experienced and skilled engineers enable their Ultraviolet system designs to meet the exacting standards required by any specification, and regulary design units to meet specific needs such as increased flows, industry specified materials and restricted space.

HOW TO APPLY UV

In order to provide the best Ultraviolet system to suit your needs, the following variables are required by **atg UV Technology**: Flow rate - the maximum flow through the UV system; UV transmission - how easy will UV light be transmitted through the water? Dose/challenge - intended use of the UV system e.g. swimming pools.

DRINKING WATER | UV disinfection provides excellent protection for drinking water applications. By installing an **atg UV** system immediately before the outlet, potable water supplies are protected against harmful micro-organisms, bacteria and viruses.



WATER SUPPLIES | To avoid water supplies including drinking, washing and showering facilities becoming infected with harmful micro-organisms such as legionella, **atg UV** systems effectively disinfect both hot and cold water supplies safeguarding public health.



SWIMMING POOLS | From small spas, hydro-pools and splash pads to large municipal swimming pools and water parks. **atg's UV** systems protect against chlorine resistant micro-organisms such as Cryptosporidium and provide crystal clear water and fresh clean air.



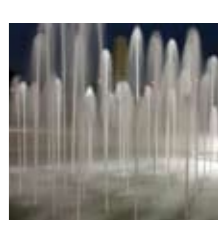
AIR CONDITIONING | **atg UV** systems treat condensate cooling water, a prime source of bacteriological growth in air conditioning applications. Ideally suited for this application, UV is an effective barrier against viruses, bacteria and parasitic micro-organisms.



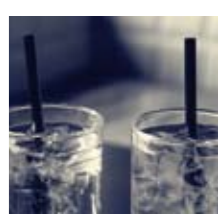
COOLING & HEATING | Micro-organisms such as legionella can thrive in cooling/heating systems. Evaporated water and spray can carry harmful micro-organisms to populated areas, posing a significant threat to public health. UV provides an effective non-chemical solution.



WATER FEATURES | **atg UV Technology** systems effectively protect against harmful micro-organisms such as legionella, which present a significant danger in water feature applications e.g. fountains, where wind can carry infected atomised water great distances.



ICE MAKERS & VENDING | All ice makers and post mix venders in commercial establishments are connected to a water supply. An **atg UV Technology** low pressure UV unit will ensure that the water is free of harmful micro-organisms and bacteria.



Determined to succeed together

