



## **UV-C SOLUTIONS FOR HVAC SYSTEMS AND CENTRALIZED AIR**

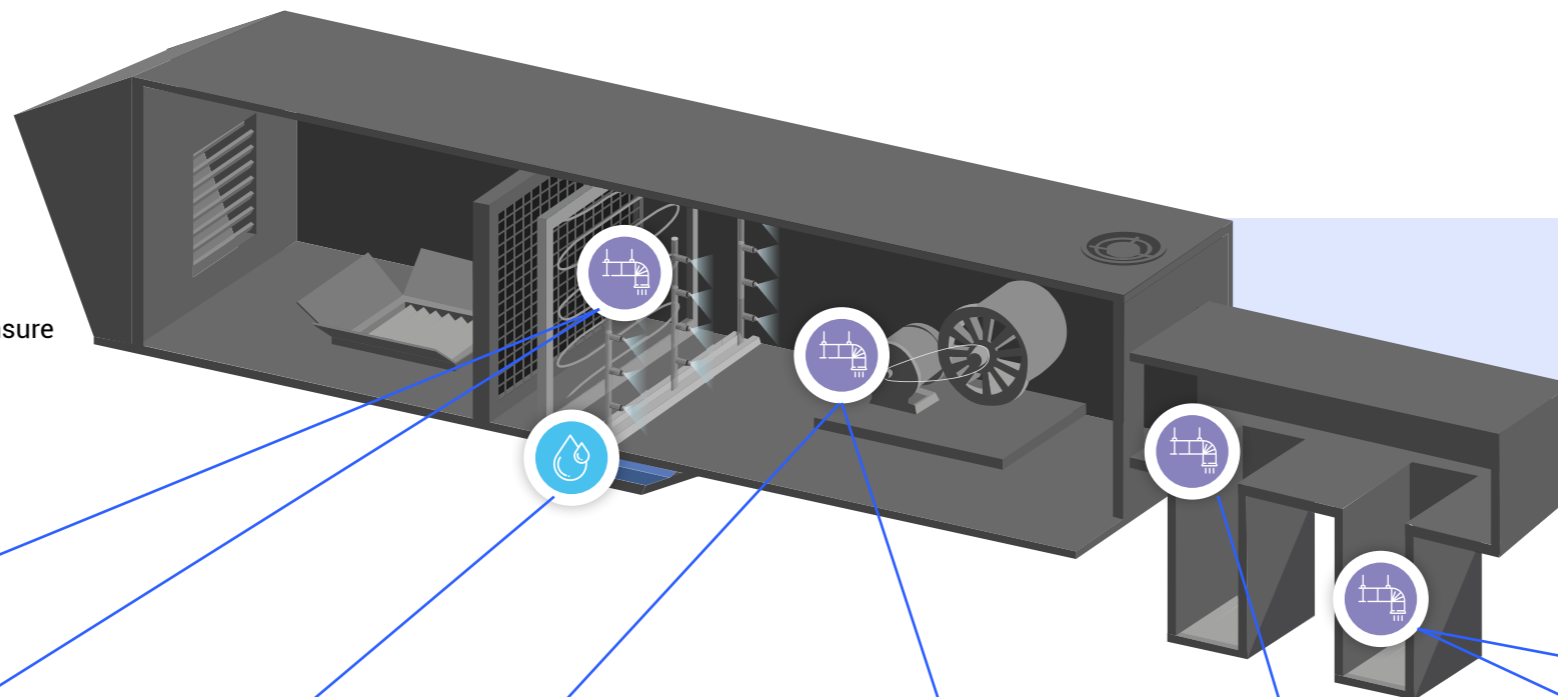
### **Guaranteeing Hygiene, Safety and Energy Efficiency**

Air conditioning systems and above all the AHUs - **Air Handling Units** are the ideal microcosm for the **proliferation and spread of pathogenic microorganisms**, spores, and mould, which combine with each other in a complex manner and are then deposited on all internal surfaces of the Air Conditioning unit in the form of an unpleasant biofilm. Light Progress **UV-C solutions solve all these problems associated with hygiene and efficacy**, ensuring not only air purification, but **also savings on system maintenance**.

## 360° Solutions for the HVAC - Air conditioning systems Industry

The modular and flexible solutions by Light Progress will ensure the ideal system for your needs, at your service.

CERTIFIED PRODUCT RANGE



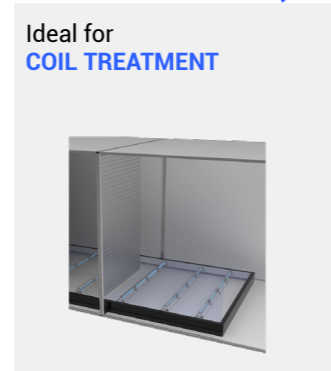
Ideal for COIL TREATMENT

**UV STICK AL SCR**  
In AHUs, the proliferation of surface biofilm lurking in heating/cooling coils causes great pressure drops; when mounted in front of coils, the UV STICK-AL parabolic reflector directs all UV power toward the surface, keeping it clean and efficient as "day one".



Ideal for COIL TREATMENT

**UV STICK AX / NX SCR**  
Heat exchangers surface disinfection is the bottom line of AHU's disinfection, UV STICK AX/NX SCR system make it easy with an on-coil mounting kit and the easy power up of multiple devices through 1 single power supply cable.



Ideal for COIL TREATMENT

**UV STYLO-E**  
Water sprayed inside AC system spreads airborne diseases inside buildings, UV STYLO-E, Water-proof system, purify water inside droplet separator tanks from Legionella Pneumophila, TBC and other pathogens.



Ideal for AIR TREATMENT

**UV FCU**  
For a carefree set up of a UV system, the easiest way is to use a 360° disinfection device, with glass fall protection, separated power supply and an adjustable mounting kit. That's UV FCU-CL.



Ideal for AIR TREATMENT

**UV DUCT-SQ**  
A grid of UVC lamps is the key to treat the entire air flow and enhance filter performances, UV DUCT-SQ is the perfect device to achieve a total and uniform air disinfection.



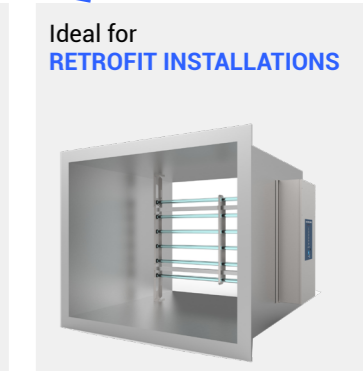
Ideal for RETROFIT INSTALLATIONS

**UV STYLO-X**  
Adding a UV device at any stage along AC is always useful, UV STYLO-X is the simplest and most versatile solution with its minimal size, easy and flexible installation as one unit or more units combined.



Ideal for RETROFIT INSTALLATIONS

**UV DUCT-FL**  
Flanged devices are specifically designed to be installed directly from the outside duct wall, UV DUCT-FL is a good example of an easy-to-fit, compact sized device, perfect for retrofit applications.



Ideal for RETROFIT INSTALLATIONS

**UV RACK**  
With the proper and correct application layout, any UV device can be useful to treat both inner surfaces and air flow. On-the-fly treatment though is better achieved through UV RACK, at each air passage.



### CUSTOM SOLUTIONS

**We love challenges, and even more so, finding solutions.**

We are therefore able to develop special systems for application in different contexts: we guarantee efficacy, simplicity of use and safety for all custom projects. We will guide you in selecting the ideal product from within our range, composed of hundreds of different systems, proposing the solution most suited to your needs



UV-C prevents the formation of biofilm, maintains heat-exchange efficiency, prevents fin clogging, and minimizes maintenance requirements.



UV-C installation that purifies recirculated air while maintaining ventilation compliance, reducing the need to increase outdoor air and the associated energy consumption.



UV-C integrates with existing filtration to improve indoor air quality (IAQ), without pressure drop and with performance validated by third parties.



Quick retrofit installation directly into existing ductwork, with integration of UV-C systems in critical areas without requiring system redesign.

## WHY INTEGRATE UV-C TECHNOLOGY?

**Some of the benefits in this industry**  
UV-C technology helps you because:



## SOFTWARE ENGINEERING FOR UV-C INTEGRATION

UV-CALC-HVAC is an online software that sizes our UV-C systems based on real HVAC system input data. Set the main system parameters (size, airflow, etc.), and the configurator calculates the most suitable UV-C solution when the target is:

- coil disinfection and cleaning
- full air flow treatment at each pass
- combined coil + air treatment

The result is a configuration with recommended models, number of lamps, and all accessories needed to install the system. Technical graphs and PDF disinfection reports complete the project documentation.

The configurator is integrated in AirCalc and AirCalc Next, and is also available as a BlackBox DLL for stand-alone integrations.

Light Progress supports designers, OEMs, and HVAC manufacturers in designing UV-C systems for air and surface disinfection in ventilation systems.



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ISO 9001:2015  
ISO 15714:2019  
**Compliance in Air Treatment**



**99,99% Reduction**  
Of Virus, Bacteria, Molds  
and Fungi  
**Tested in Air Treatment  
and Surfaces**



**CE Mark**  
**IEC 62471**  
FDA - Registered Company  
EPA - Registered  
Establishment



**UL 507, 1995**  
**UL 867 (No Ozone)**

**99,99% Elimination**  
Of SARS-COV-2 virus  
**Tested in Air Treatment  
and Surfaces**

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Light Progress Group SRL  
Anghiari (AR)  
ITALIA

P. (+39) 0575 749255  
E: [info@lightprogress.it](mailto:info@lightprogress.it)  
W: [www.lightprogress.it](http://www.lightprogress.it)



Light Progress GmbH  
Aschaffenburg (BY)  
DEUTSCHLAND

Fon : (+49) 176 761 42327  
E: [gmbh@lightprogress.it](mailto:gmbh@lightprogress.it)  
W: [www.lightprogress.de](http://www.lightprogress.de)



Light Progress LLC  
Dallas (TX)  
USA

P. (+1) 833-882-4255  
E: [americas@lightprogress.it](mailto:americas@lightprogress.it)  
W: [www.lightprogress.us](http://www.lightprogress.us)