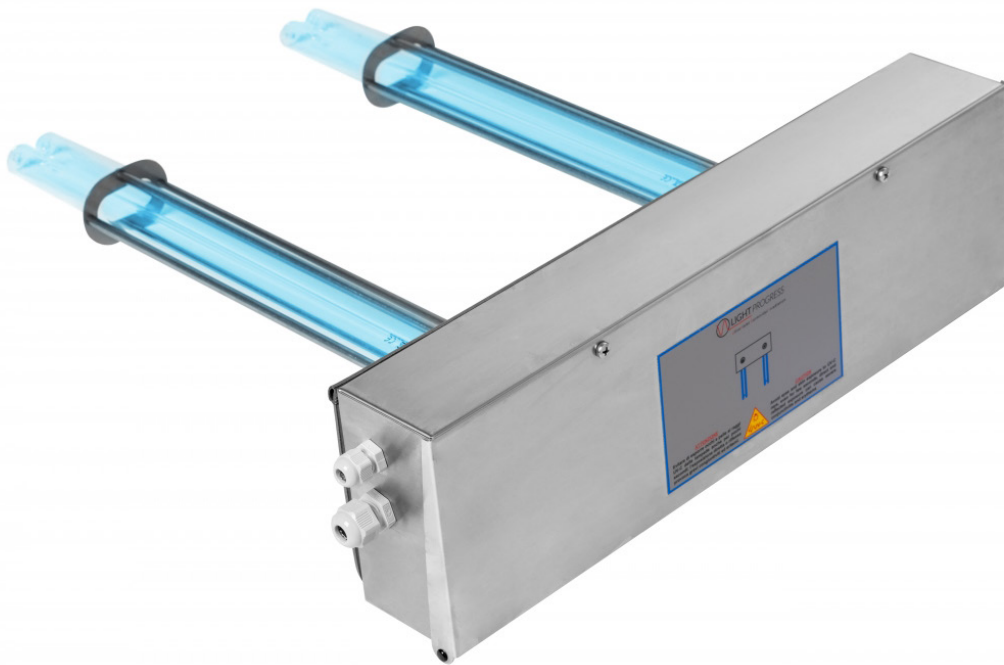


Industry: HVAC

UV Duct FL



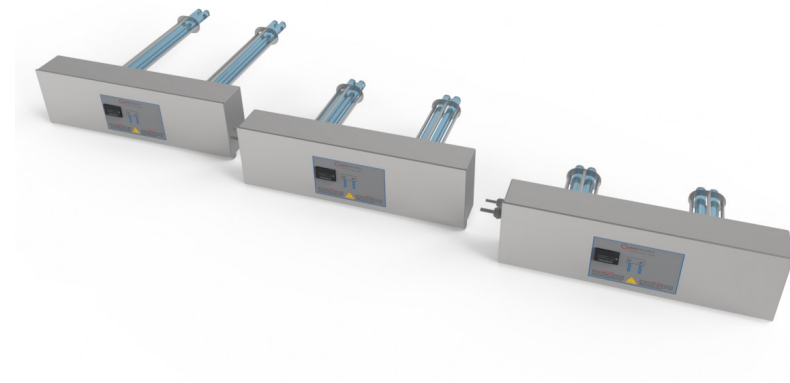
**Disinfection system
for HVAC**

Applied inside ducts, or in the final section of AHU (Air Handling Unit) UV-DUCT-FL creates an UVGI barrier that inhibits the proliferation of dangerous viruses, bacteria, moulds and spores settling inside Air Conditioning Systems.

UV-DUCT-FL purifies homogeneously the airflow running through its powerful lamps, eliminating the microbial load and the spreading and distribution of hazardous and annoying pathogens inside buildings.

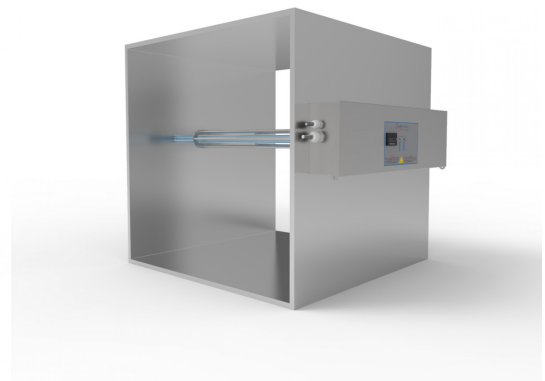
INSTALLATION

Installation is very easy, you just need to make two holes with a hole saw on the duct you want to treat, and insert the device within the holes. If you need to install more than one device, please try to distribute them along the channel, to create a uniform irradiation and avoid shadows. In this way you can purify the air flow entirely. Our technical department designs custom layouts for clients' specific needs.



Installation procedures:

- 1) place the device/s downstream the Air Conditioning system;
- 2) make the two holes on the duct's wall using the drilling template provided;
- 3) open the case and fix the device on the duct with 4 tapping screws through the holes on the base



UVDUCT-FL family includes a range of flange modules with two "U" lamps of different sizes (from 20 to 50 cm) and power ratings (from 70 to 190 W) protected by a stainless steel grid.

Main features of UV-DUCT-FL are the super compact sizes and the on-board commands, which allow easy application even in existing air conditioning systems (retrofit). Its installation requires just a few simple steps: insert the lamps within the air duct through two

holes using the drilling template provided, and screw UV-DUCT-FL flange on the external channel wall, turn in ON and it's done! Ballasts are inserted directly inside the case, and they are specific for Light Progress UV-C lamps, optimizing their performances and durability.

UV-DUCT-FL is made with high quality and extremely durable components, and works perfectly in difficult operating conditions (low temperature, high humidity).

FEATURES

- Selective UV-C Light Progress lamps (emission peak at 253.7 nm.) high efficiency, ozone free, pure quartz.
- Body in ALUMINIUM and STAINLESS STEEL AISI 304
- All materials are tested for resistance to intense UV-C rays.
- Powered by electronic ballasts specific for Light Progress UV-C rays lamps.
- Hourcounter and LED Alarms (optional).
- CE mark (LVD - EMC - MD - RoHS).

WHAT ARE UV-C RAYS?

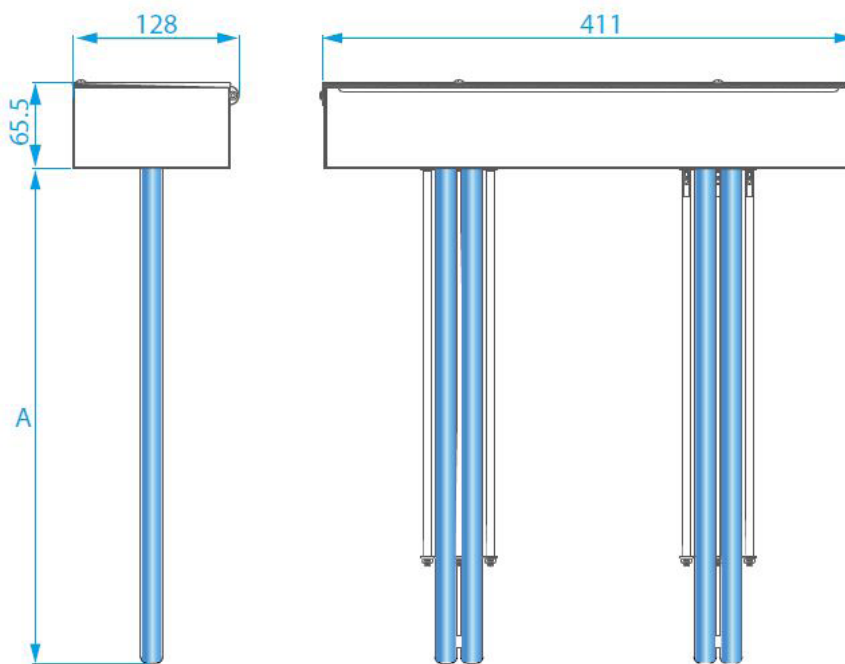
The germicidal effects of the UV-C radiation destroy DNA of Bacteria, Viruses, Spores, Fungi, Moulds and Mites avoiding their growth and proliferation.

UVGI technology is a physic disinfection method with a great costs/benefits ratio, it's ecological, and, unlike chemicals, it works against every microorganisms without creating any resistance.

TECHNICAL SPECIFICATIONS

UV-DUCT-FL	2/35HP	2/60HP	2/95HP
Lamp Lifetime (hours)	9000	9000	9000
CONSUMPTION (W)	70	120	190
DIMENSIONS lxsxh (mm)	410x130x278	410x130x477	410x130x603
“A” LENGTH (mm)	183	382	508
Weight (kg)	2	2	2,5
AIR FLOW (m ³ /h)	1.000÷2.400	1.300÷3.400	2.200÷5.600

TECHNICAL DRAWINGS





S P E C T R A

PROFESSIONAL UV SOLUTIONS

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