

Industry: Hotels & Restaurants

UV Stylo S



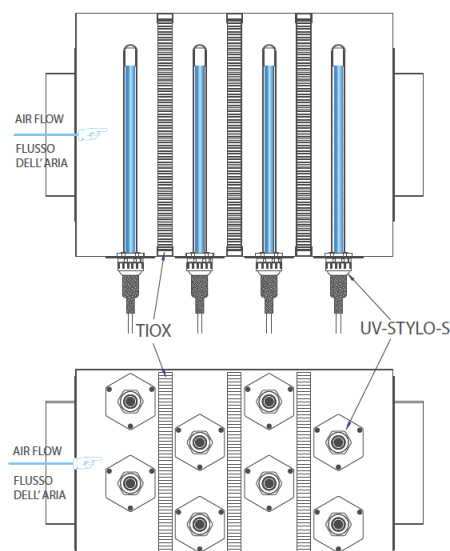
Grease and odours reduction

In restaurants or industrial/ community kitchens, during food cooking phases, fats, pollutants and unpleasant smells are generated; this may be disputed by authorities and give often rise of legal issues with the neighborhood.

Applied inside kitchen hoods, UV-STYLO-S contributes significantly to minimize these problems; fats are carbon and hydrogen compounds, with a structure made of complex chains. If fats are exposed to an intense UV-C irradiation, they absorb part of this powerful energy, and molecules, placed in a higher energy state, become more reactive. For this reason they recombine with oxygen present in the air.

UV-STYLO-S uses UV-C lamps and/or UV-C+O3 (Ozone) lamps, and it is the first device in the market that can handle ozone or ozone-free lamps, alternatively or even combined together, according to clients' needs.

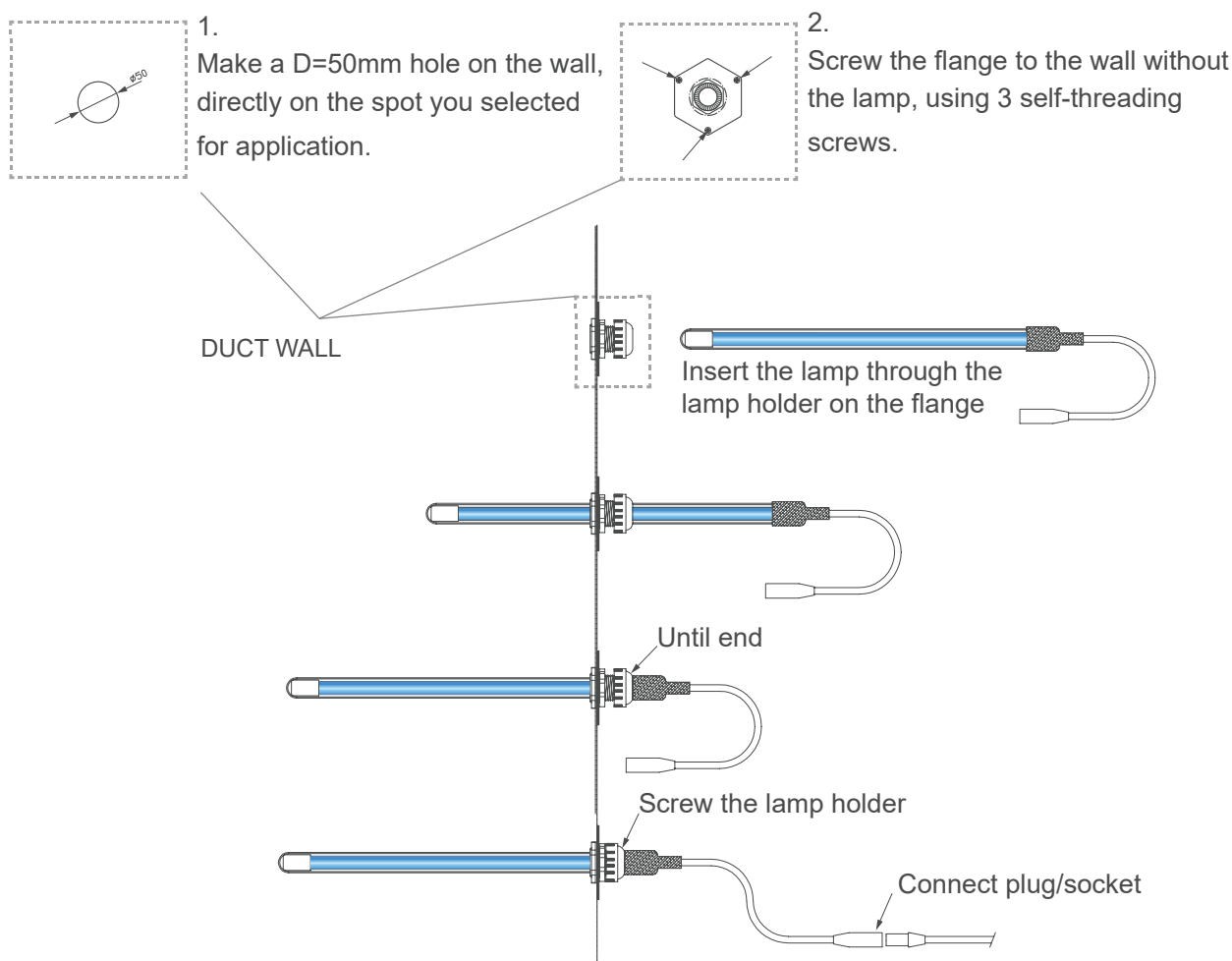
UV-STYLO-S is installed directly inside the aspiration system, also providing a plenum (ducts enlargement). Its compact sizes and easy fixing allow you to apply the device in project or even retro-fit phase. After making a hole on the duct wall, you just need to insert the UV-C emitting lamp through this hole and screw its flange on the external surface of the suction duct, without any complication.



Installation

UV-SMELL-SQ is generally placed inside the hood, over the stove and downstream common filters and upstream Carbon filters, but it could be mounted also along air suction ducts. In every case total air flow should pass through UV-SMELL-SQ lamps to reach good results. In this way you can purify the air flow entirely.

UV-SMELL-SQ systems allows you to decide at any time, even after installation, which solution is better for your needs, with or without ozone, considering final results of air quality. This is the only device of its kind that can be equipped with either UV-C or UV-C + ozone lamps. Our technical department designs custom installation layouts for clients' specific needs.



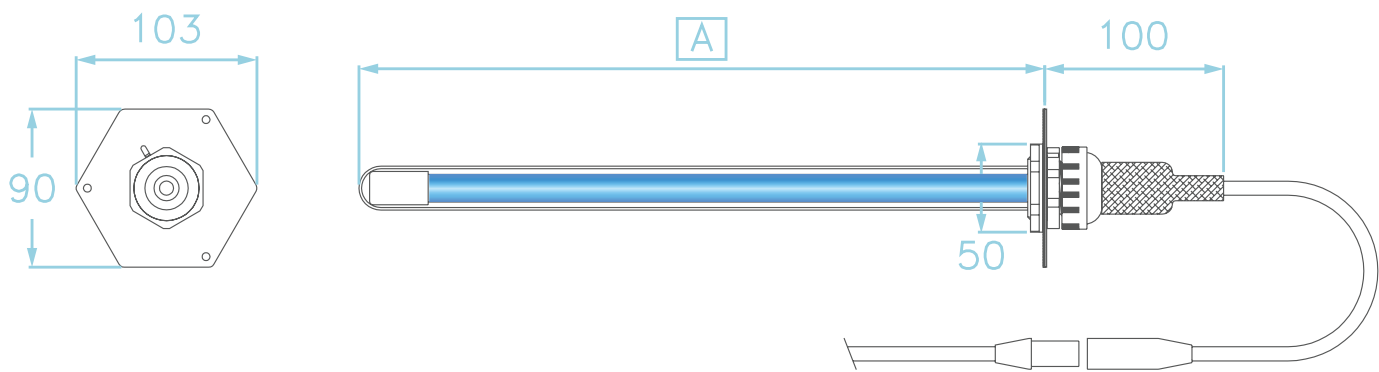
TECHNICAL FEATURES

- Selective UV-C Light Progress lamp (emission peak at 253.7 nm./ +Oz 183 nm.) high efficiency, pure quartz.
- Flange in STAINLESS STEEL AISI 304
- All materials are tested for resistance to intense UV-C rays and Ozone.
- IP 40 protection
- Powered by electronic ballasts specific for Light Progress UV-C rays lamps.
- CE mark (LVD - EMC - MD - RoHS).

TECHNICAL SPECIFICATIONS

UV-STYLO-S	11	16	40H (OZ)	60H (OZ)	90H (OZ)	120H
LAMP LIFETIME (hours)	9000	9000	9000 (6000)	9000 (6000)	9000 (6000)	9000
CONSUMPTION (W)	11	16	35	60	85	100
“A” DIMENSIONS (mm)	196	272	3975	41	851	1.132
Weight (kg)	0.20	0.300	.70	0.75	0.80	1.00
AIR FLOW IN M³ WITH SPEED MAX 2.5 m/s	80	120	280	450	600	750

TECHNICAL DRAWINGS



UV STYLO S - Safe and versatile

The module is designed to be mounted alternatively or together with Light Progress special TiOx® filter, coated with nano-structured titanium dioxide and silver salts (optional) that, in combination with the very high UVC power emitted by lamps, is an excellent photo-catalyst that degrades pollutants and organic and inorganic compounds (SOV, NOx and VOC volatile organic compounds, nitrogen oxides). TiOx® filter performs further oxidation of polluting particles, and contributes significantly to the deodorizing action of UVC. The special materials used for UV-STYLO-S ensures IP 40 protection, high temperatures (45/50 °C) resistance, as well as endurance to fats.



S P E C T R A

PROFESSIONAL UV SOLUTIONS

Str. Zizinului, Nr. 110, 500407, Braşov, România
www.spectra.ro / contact@spectra.ro / (+40) 0770-187-379
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