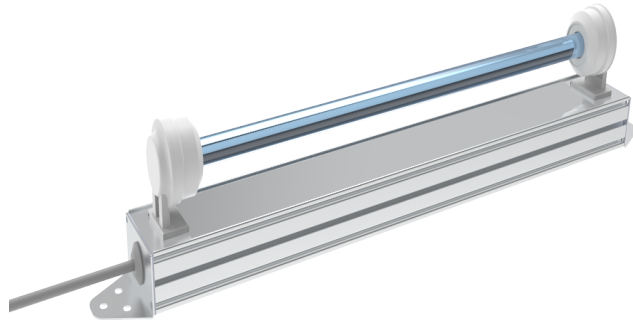


UV-STICK-AX

UV-STICK produces direct radiation by UV-C ultraviolet rays. When activated, it generates a strong reduction of microbes in the air and on the irradiated surfaces. For instance, with the model UV-STICK E75H AX, in 2 ÷ 3 seconds a reduction of 99% of bacteria (Bacillus, E. coli, Clostridium, Legionella, Vibrio, Salmonella, Pseudomonas, Staphylococcus, Streptococcus, etc..) is obtained, at the distance of 10 cm.



UV-STICK can be installed in any type of environment, to obtain a deep disinfection of air and surfaces, even those difficult to reach with traditional cleaning systems. The use of this device is allowed only in the absence of personnel; otherwise, the device should be contained within adequately screened boxes or protections. In case of use for the disinfection of work environments, the device must be turned on for 2 ÷ 3 hours during the time of absence of staff workers.

For example, by means of a time switch, you can manage the switching-on of the lamps in the hours immediately before the entry of operators, so as to start a new working cycle inside a disinfected environment. The schedule of the irradiation time can be made by a MASTER-ST series electronic control unit, which can manages several operations, like:

- Programmed switching on. It is possible to program duration of the irradiation by means of an adjustable timer.
- Personnel entry detector. A safety system switches off the lamps in case of intrusion of personnel.
- Failure alarm. In case of failure of one or more lamps of the device, a warning light will turn on to enable the identification of the lamp/lamps off, and an electric contact will open to signal the failure.
- Hour counter. To manage the correct replacement for exhausted lamps.

UV-STICK...AX device includes a series of UV-C reglette of reduced size and different lengths.

The device is a reglette built entirely in extruded anodized aluminum, IP55 protection and fitted with a reflecting screen in mirror bright aluminum, to increase the power of radiation, through the reflection of UV-C proportion that would otherwise be wasted in the opposite direction to the useful ones. The extruded aluminum case, contains special electronic ballasts to maximize yield and duration of UV-C lamp.

To avoid flying splinters of glass after the collapse of the UV lamp, a protection of the UV lamp by means of the special thermo-retracted sheath UVLON®-PIPE (Tetrafluoroethylene), with UV-C transparency >85%. can be provided, always as an option UVLON®-PIPE is a patented system to withstand the wear and tear; it has low adhesion to any product or substance, is resistant to any aggressive chemical at high or low temperatures. It is a polymer conforms to F.D.A. tests for use with foodstuffs.

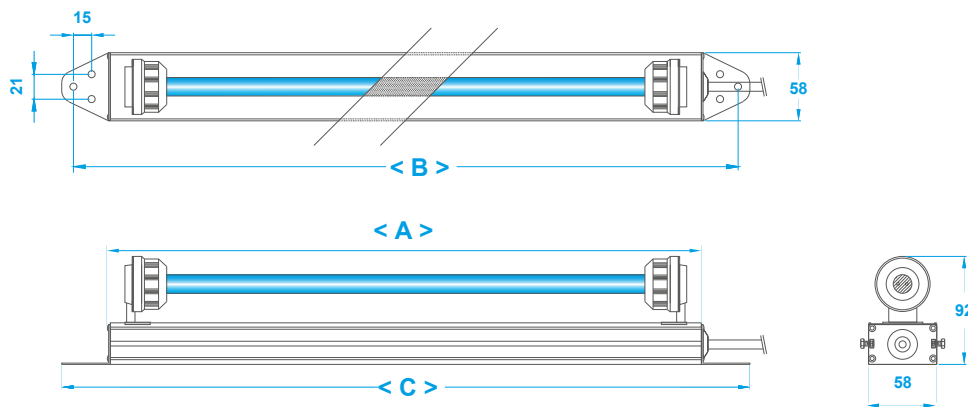
The constituent materials of UV-STICK...AX allow its use even in harsh operating conditions (high humidity, low temperatures, etc..), or where conditions require a high resistance to chemicals and weathering. UV-STICK is built with high quality, extremely resistant components, it works perfectly in difficult operative conditions (high Humidity, low temperatures, etc).

TECHNICAL SPECIFICATION

UV-STICK-	40H-AX	60H-AX	90H-AX	120H-AX
LAMP LIFETIME (hour)*	≤ 18.000	≤ 18.000	≤ 18.000	≤ 18.000
TOTAL CONSUMPTION (W)	40	60	90	120
EXTERNAL DIMENSIONS LxSxH (mm)	576x58x92	739x58x92	1033x58x92	1313x58x92
Dimension Length (A) (mm)	496	659	953	1233
Dimension Length (B) (mm)	556	719	1013	1293
Dimension Length (C) (mm)	576	739	1033	1313
Treated Volume (m3)	da 20 a 40	da 30 a 50	da 40 a 65	da 50 a 80
Treated Surface (m2)	da 7 a 13	da 10 a 17	da 14 a 25	da 17 a 27
Weight (Kg.)	1	1,1	1,2	1,4
REPLACEMENT LAMP	CHS-40WH	CHS-60WH	CHS-90WH	CHS-120WH

* continuous operation

TECHNICAL DRAWINGS



Installation instructions

In the case of application of UV-STICK for direct irradiation of the environment, the device should be positioned on the ceiling almost in central position. The installation of several units should be carried out so as to distribute them uniformly in the environment (to avoid the hidden areas, such as the corners; it should allow all the air to be treated). These models can be mounted on the wall and still comply with the regular distribution. The final result of the disinfection will still be made dependent on the amount of germs coming in from the external environment.

To fit the model of UV-STICK using the two aluminum brackets supplied, anchoring them to the ceiling by screw anchors (D 8 ÷ D 10 mm.) or by self-tapping screws (not supplied). After inserting the anchors onto the ceiling, you should tighten (by supplied stainless steel screws M4x6) the device to the two brackets.