

UV TEAM

Germicidal UVC Modules for food or Pharma packaging systems

UV-TEAM series applied on conveyor and packaging lines in food industry. Like flow pack, thermoformed tub, weighing machines, and more generally conveyor belts.

Applications

The UV TEAM series is designed for applications on food product packaging lines to decontaminate both the food containers (tubs, jars, bottles, covers, caps, coupled films, etc.) and the product itself, thus avoiding also packing harmful germs.

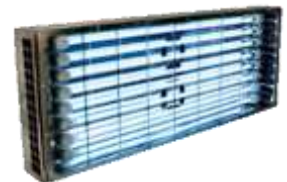
Due to their compactness, they can be installed in places where space is limited, such as, for example, just before the closing of the film thermoformed tub or flow-pack packaging machines. Another example is their application on conveyor belts where food products are carried through suitably equipped tunnels. First of all it is usefull to find "critic points" on the production and packaging lines and apply the UV TEAM battery that fits the best with custom's needs. In this way the UV light can reduce the initial germload by 3-4 log (99.9%-99.99%) and increase products shelf-life.



UV TEAM CL5/40H-S-NX

Characteristics

UV TEAM SERIE includes modules with batteries of UV tubes and compact sizes. These particular tubes emit UVC rays at a wavelength of 254 nm, which have a strong germicidal effect. The germicidal effect of UV-C radiation extends to bacteria, viruses, mould spores, fungus, mildew and mites; it is mostly due to the destructive effect of UVC radiation on their DNA. Furthermore UV rays are a physical treatment and, in spite of chemicals, microbes cannot acquire resistance to UV rays even in the long term and there is no risk of contamination or pollution of the environment/food. The electronic power supplies are integrated in the UV TEAM housing.



UV TEAM CL8/90H-F-NX

Main technical data

UV TEAM	CL 2/40H-S-NX	CL 4/40H-S-NX	CL 6/40H-S-NX	CL 8/40H-S-NX
Art. No.				A005905
Number / type of uv lamps	2 / A003389	4 / A003389	6 / A003389	8 / A003389
Power consumption	2 x 40 W	4 x 40 W	8 x 40 W	8 x 40 W
Mains	230 V, 50 Hz	230 V, 50 Hz	230 V, 50 Hz	230 V, 50 Hz
Irradiance @ 20 mm	29 mW/cm ²	29 mW/cm ²	29 mW/cm ²	29 mW/cm ²
Service life	9000 h	9000 h	9000 h	9000 h
Protection class	IP 55	IP 55	IP 55	IP 55
Housing material	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Dimensions	518 x 154x 107	518 x 250x107	518 x 378x 107	518 x 472x 107
Weight (kg)	approx. 5 kg	approx. 5 kg	approx. 5 kg	approx. 5 kg

continuation technical data:

UV TEAM	CL 2/90H-F-NX	CL 4/90H-NX	CL 6/90H-F-NX	CL 8/90H-F-NX
Art. No.				A005914
Number / type of uv lamps	2 / A003926	5 / A003926	8 / A003926	8 / A003926
Power consumption	3 x 92 W	4 x 92 W	6 x 92 W	8 x 92 W
Mains	230 V, 50 Hz	230 V, 50 Hz	230 V, 50 Hz	230 V, 50 Hz
Irradiance @ 20 mm	27 mW/cm ²	27 mW/cm ²	27 mW/cm ²	27 mW/cm ²
Service life	9000 h	9000 h	9000 h	9000 h
Protection class	IP 55	IP 55	IP 55	IP 55
Housing material	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Dimensions	1003x154x 107	1003x250x107	1003x378x 107	1003x472x 107
Weight (kg)	approx. 5 kg	approx. 5 kg	approx. 5 kg	approx. 5 kg

Options and equipment variants:

[CA] Version with external electronic power supply (instead of in the housing integrated)