



Disinfecting your environment and creating safe spaces since 30+ years

Why Integrate UV-C Technology ?



It drastically reduces the risk of contracting healthcare-associated infections (HAI).



It does not create resistance in micro-organisms (it is a physical system and does not create antibiotic resistance or dangerous 'super bugs').



It improves safety without increasing the time required for disinfection and maintenance.



It improves the patient experience.



Disinfection Systems for Hospitals & Clinics

The healthcare sector has forever had to deal with problems linked to the spread of viruses, bacteria, mould, spores, and mites. This creates the important need for utmost control of hygiene levels.

Infections & complications can sometimes arise even after hospitalisation or discharge (HAI - Healthcare-Associated Infections); it is therefore important to choose procedures able to ensure the highest possible levels of asepticity & disinfection.



HVAC AIR DISINFECTION

HVAC systems and AHUs must include a disinfection section, to guarantee the highest Indoor Air Quality level and safety for healthcare professionals and patients.



AIR DISINFECTION

In closed spaces, air purifiers can guarantee healthier environments, reducing the efficacy of virus & bacteria, with no need of opening windows & saving energy.



SURFACE DISINFECTION

Traditional cleaning methods often aren't enough to ensure the highest levels of hygiene. UV-C technology can help maintain high standards of disinfection on all surfaces.

Infection Prevention and Control

"Prevention is better than cure" is a widely recognized proverb that emphasizes the importance of preventing infections to avoid suffering, pain, and financial losses. Infections occur when pathogens like bacteria, viruses, fungi, or parasites invade the body, leading to harm through complex interactions with the immune system.

Organizations like the World Health Organization (WHO) and the Centers for Disease Control and Prevention (CDC) are at the forefront of formulating guidelines for infection prevention and control. Maintaining pure air and clean surfaces is essential for hygienic environments. Alongside standard hygiene practices, modern technologies play a crucial role in reducing infections and protecting vulnerable populations.

For immunocompromised individuals, extra safety measures are vital to mitigate serious health risks. Innovative technologies such as UVC lights, HEPA and ULPA filters, and ionization are being developed and implemented globally to effectively address these challenges. While traditional manual cleaning methods are prone to human error, identifying high-risk areas and applying consistent, purpose-driven technologies can significantly enhance decontamination efforts.

These advanced technologies improve the safety and habitability of indoor spaces, making them infection-free for everyone.

Ultraviolet Germicidal Irradiation (UVGI)



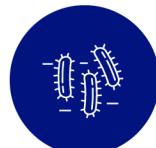
DEEP, CONTINUOUS, PROGRAMMABLE DISINFECTION

UVGI method maintains ideal hygienic conditions in healthcare environments, both in presence that in absence of patients and employees.



EASY TO APPLY

Our expert team work with both big & small healthcare facilities, obtaining always great results. We will help you to choose the best product between our complete range of over 300 different models offering you the perfect solution that will satisfy your needs.



COMPLETELY ELIMINATES ALL PATHOGENS

UVGI eliminates bacteria, viruses, spores, fungi, molds and mites, without creating microbial resistant forms as chemical disinfectants and antibiotics do usually.



GOOD COSTS/ BENEFIT RATIO

HAs have a cost in health, as well from an economic point of view. UVGI devices interact with cleaning operations improving their effectiveness. UVGI systems do not require special maintenance, they just need periodically lamps replacement.



PHYSICAL PROCESS, SAFE & ECO-FRIENDLY

It requires little time to achieve microbial reduction of over 99%. UVGI treatment prevents the onset of such conditions, which are the base of cross-contamination development.



ISO 15714:2019
ISO 9001:2015
ISO 13485: 2016
Compliance in Air Treatment



99.99% Reduction
Of Virus, Bacteria, Molds & Fungi
Tested in Air Treatment & Surfaces

99.97% Elimination
Of SARS-COV-2 virus
Tested in Air Treatment & Surfaces



CE Mark
IEC 62471
EPA
UL 507, 1995
UL 867 (No Ozone)
FDA - Registered Company
EPA - Registered Establishment

UV FAN

UV FAN	UV-FAN-M1/40H	UV-FAN-M2/40H	UV-FAN-M2/95HP	UV-FAN-M2/95HP-ST	UV-FAN-M2/95HP-BD	UV-FAN-M2/95HP-BD-ST
Dimensions WxDxH(cm)	96x26x13	96x26x13	104x32x13	123x32x13	104x40x13	123x40x13
Air Flow (m ³ /h)	70	70	150	150	150	150
UV Lamps Nr. Power (W)	1x40 W	2x40 W	2x95 W	2x95 W	2x95 + 55 W	2x95 + 55 W
Consumption (W)	65 W	105 W	220 W	220 W	220 + 55 W	220 + 55 W
T.M.L. Reduction	>98%	>99%	>99.9%	>99.9%	>99.9%	>99.9%
Irradiation Area (m ²) (h=3m)	18	20	40	40	40	40
Protection Rating	IP 20					
Replacement Lamp	Nº1 CHS-40WH	Nº2 CHS-40WH	Nº2 GHP-95WH	Nº2 GHP-95WH	Internal / Intern: Nº2 GHP-95WH External / Extern: CH-55WH	Internal / Intern: Nº2 GHP-95WH External / Extern: CH-55WH



*continuous operation

*BD Model= + external lamp for direct irradiation

*ST model= purifier on wheels

Important feature to consider when choosing a UVGI device



UVC Output



Air Flow Rate / Air Changes per hour



Positioning



% of Effectiveness on Bacteria and Virus
Measured on the Outlet



Frequency of Maintenance



UV FAN - XS

UV-FAN-XS		Specifications
Lamp Lifetime (hour)*		<=18,000
Power Supply - Total Power Supply		220-240V 50/60 Hz - 70W
Lamp Sizes		690 x 152 x h162 mm
Air Flow (CMH) air exchange volume covered in one hour		70 m ³ /h
C.M.T. Reduction (total microbial load)		>99.9%
Protection Rating		IP 20
Replacement Lamp		GHP-60WH

*continuous operation

One of the oldest applications of germicidal UV light for infection control, UPPER-AIR systems work by effectively intercepting pathogens & viruses at their source & inactivate these microbes within seconds.



UV Flow - CL



- Ozone-Free Pure Quartz 254 Nm UV-C Lamps
- Pure bright mirror aluminum reflector , for UV-C (92% reflection)
- Beam Pattern 360°
- Safety to use 24/7 in the presence of people
- Safety switch to deactivate units when servicing to prevent exposure
- CE trademark (LVD 73/23 - EMC 89/336 - MD 93/42)
- Complies with noise standards of directive 2006/42/EC
- Values measured according to UNI EN ISO 3746
- Suitable for Class 1 Installlations

UV-FLOW	4/18P-CL	4/35HP-CL
Lamp Lifetime (hour)*	<=18,000	<=18,000
Consumption (W)	72	140
External Dimensions LxSxH	595 x 595 x 258 mm (23.45 x 23.45 x 10.16 in)	595 x 595 x 258 mm (23.45 x 23.45 x 10.16 in)
Weight (Kg)	14	16
Minimum Celing Height	3 m (9.8 Ft)	3.3 m (10.8 Ft)
Fixture Mounted Height	2.5 m (8.20 Ft)	2.7 m (8.8 Ft)
Floor Area Coverage (> 10uW/cm2)	30 m2 (320 Ft2)	50 m2 (540 Ft2)
ACH (equivalent air changes per hour)	4 ÷ 6	4 ÷ 6
Protection Rating	IP20	
Replacement Lamp	nº4 GHP-18W	nº4 GHP-35WH

*continuous operation

- Ozone-Free Pure Quartz 254 Nm UV-C Lamps
- Structure completely in aluminum
- Pure bright mirror aluminum reflector , for UV-C (92% reflection)
- Beam Pattern 180°
- Safe to use 24/7 Above the Presence of people
- Safety switch to deactivate units when servicing to prevent exposure
- CE trademark (LVD 73/23 - EMC 89/336 - MD 93/42)
- Complies with noise standards of directive 2006/42/EC
- Values measured according to UNI EN ISO 3746
- Suitable for Class 1 Installlations



UV Flow - WL

UV-FLOW	60H-WL	90H-WL
Lamp Lifetime (hour)*	<=18,000	<=18,000
Consumption (W)	60	90
External Dimensions LxSxH	637 x 185 x 145 mm (25.08 x 7.28 x 5.7 in)	931 x 185 x 145 mm (36.65 x 23.45 x 10.16 in)
Weight (Kg)	14	16
Minimum Celing Height	2.80 m (9.19 Ft)	3 m (9.84 Ft)
Fixture Mounted Height (from underneath the device)	2.30 m (7.55 Ft)	2.50 m (8.20 Ft)
Floor Area Coverage (> 10uW/cm2)	37 m2 (400 Ft2)	50 m2 (540 Ft2)
ACH (equivalent air changes per hour)	4 ÷ 6	4 ÷ 6
Protection Rating	IP20	
Replacement Lamp	nº1 CHS-60WH	nº1 CHS-90WH

*continuous operation



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