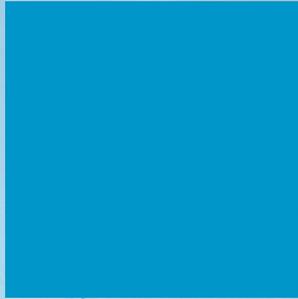




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UV-C AIR PURIFIERS
UVG-SERIES, LIFTNCLEAN, UV-ART





Dinies Technologies GmbH is a medium-sized, innovative, family-owned company of UV technology and electronics manufacturing, which does not shy away from investing in new, revolutionary methods and technologies.

COMPETENT RELIABLE INNOVATIVE

Since our foundation in 1979, it has been important to us to supply our customers with everything from a single source. In 2005, the two main pillars, electronic production and UV technology, were further expanded.

„IN PARTICULAR, NEW TECHNOLOGIES AND FIELDS OF APPLICATION IN UV-TECHNOLOGY OFFER A GOOD BASIS FOR AN INNOVATIVE COMPANY POLICY.“

Dinies Technologies GmbH is DIN EN ISO 9001 certified and is constantly monitored and audited by its customers to ensure its effectiveness, to meet their high quality requirements.

In addition, internal audits carried out by external auditors guarantee a high standard of quality and efficiency in quality management.

THE PROBLEM

Ambient air as a vector for disease

The COVID-19 pandemic clearly shows how viruses are transmitted from person to person via ambient air - invisibly and quickly. Aerosols pose a major and serious threat, especially in rooms with high foot traffic. Pathogens such as SARS-CoV-2 spread through indoor air and increase the risk of cross-contamination.

This problem has not only existed since the Corona pandemic; the same applies to influenza viruses, bacteria and microorganisms that can be found in the ambient air and regularly transmit diseases.

THE GOAL

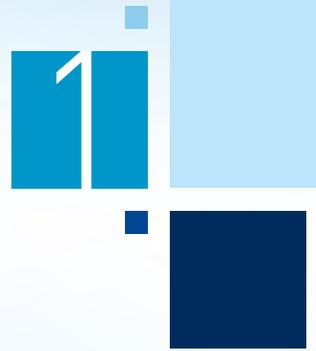
Aerosols, viruses and microorganisms in the ambient air are to be eliminated so that the germ content in the air is lowered and the risk of infection and cross-contamination is reduced.

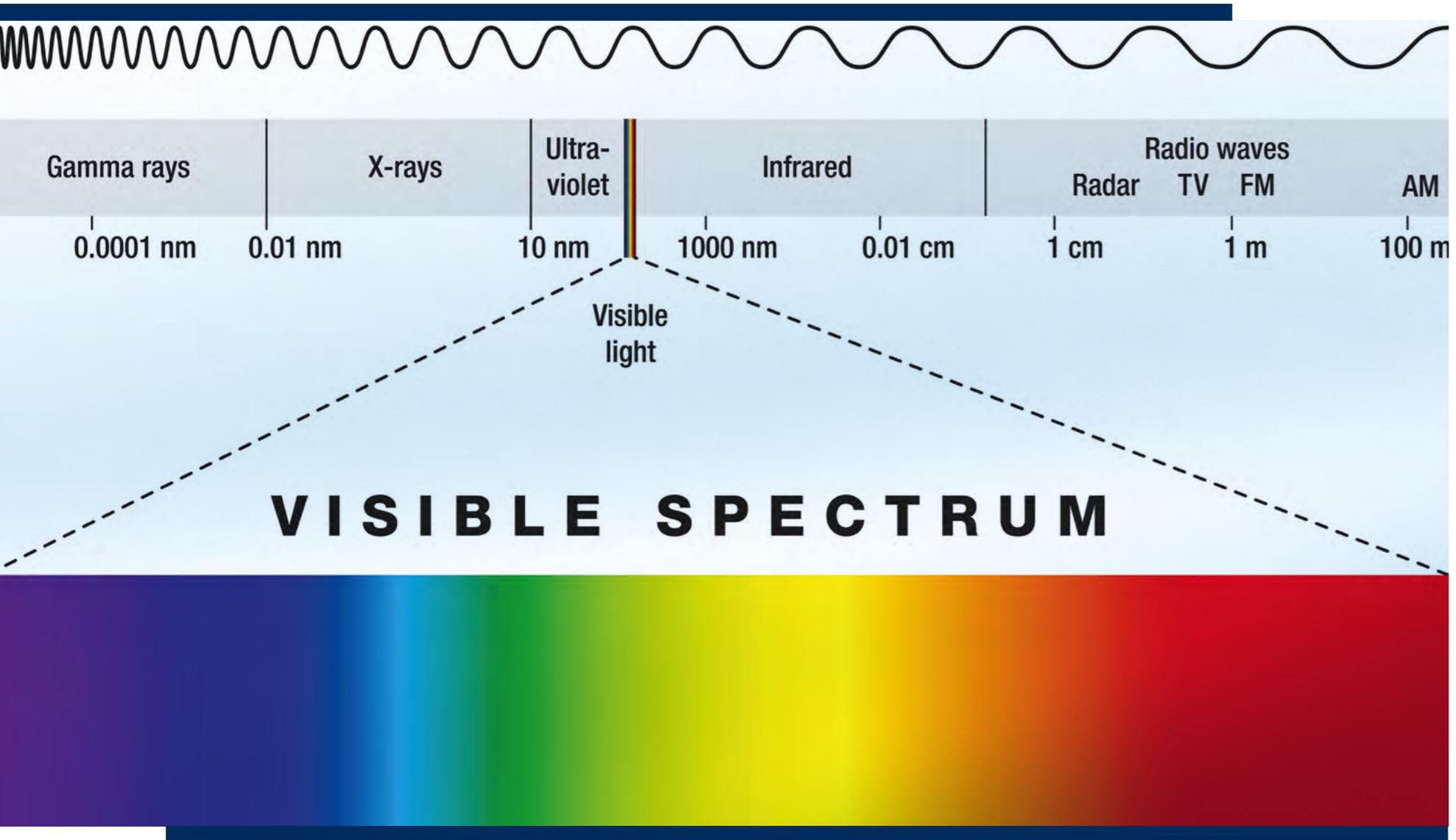
THE SOLUTION AIR PURIFICATION WITH UV-C LIGHT

Advantages:

- Almost completely eliminate germ contamination of the room air
- Disinfection without the use of chemicals
- Promotion of a healthy indoor climate
- Automatic and continuous air disinfection
- Safe to use when people are in the room
- Effective disinfection method against SARS-CoV-2, viruses, bacteria, microorganisms and mold

SUMMARY





UV-C LIGHT

Effective hygiene with UV-C: Microorganisms exposed to sunlight are killed naturally. According to this principle from nature, artificial UV-C light was developed many years ago. UV-C light is short-wave radiation in the range of 280-100 nm which is not visible to the human eye.

In the area of 254 nm, UV-C light has a strong germicidal effect, so even dangerous germs, bacteria, viruses and mold spores will be destroyed within a short amount of time without the use of chemicals.

The DNA of the microorganisms is changed in the core so that reproduction is no longer possible. As a result the microorganisms die. The ultraviolet light is therefore an economical and environmentally friendly alternative to chemical disinfection.

Dinies Technologies air purification appliances use ozone-free UV-C lamps with a wavelength of 254 nm. The built-in fan directs the room air past the UV lamps. The powerful UV-C radiation kills all viruses, germs, bacteria and spores inside the housing. The outflowing air is almost germ-free and the risk of infection in the room is significantly reduced.

With this environmentally friendly process, the germ content in the ambient air can be reduced by up to 99.9%, without the use of toxic cleaning agents and chemicals or costly filter technology.

Effective & safe

The UV-C air purifiers are designed in a way that the room air can be optimally disinfected. The appliances, when used correctly, do not pose any danger to the people in the room.



3 EFFICIENCY OF UV-C





UVG-SERIES

Classy design & effective disinfection

UVG18, UVG80 and UVG120 impress with simple, elegant design made of high quality materials. Due to the modern design, the air purifiers are not only a tasteful addition to the interior design, but also provide continuously fresh and disinfected air.

The devices work quietly and effectively and can also be used while people, animals and plants are in the room.

These models are made of white powder-coated aluminum and can be operated permanently.





UVG18



UVG80

AREAS OF APPLICATION 42

The UVG18, UVG80 & UVG120 can be used very flexibly. In general, a UV-C air purifier is suitable in all buildings and rooms where there are many people and therefore an increased risk of infection.

- Medical practices/hospitals
- Pharmacies/laboratories
- Schools/nurseries/kindergartens
- Public facilities
- Industry/offices
- Law firms/tax offices
- Hotel/gastronomy
- Beauty salon/hairdresser
- Fitness studio/gym

41 DATA

Model	Recommended room size	Assembly	Dimensions LxWxH	Rated voltage	Rated power	UV-C power	Air flow	Volume
UVG18	15m ² bacteria/virus 5m ² mold/spores	Stand mount Wall mount	495x100x100 mm	230V, 50/60 Hz	25W	6W	14 m ³ /h	27 dB
UVG80	40m ² bacteria/virus 15m ² mold/spores	Stand mount Wall mount Ceiling mount (optional)	1160x130x130 mm	230V, 50/60 Hz	70W	18W	70 m ³ /h	32 dB
UVG120	80m ² bacteria/virus 30m ² mold/spores	Ceiling mount Stand mount (optional) Wall mount (optional)	1270x156x156 mm	230V, 50/60 Hz	145W	36W	138 m ³ /h	45 dB





5 UVG360

Massive & effective

Especially in areas and rooms where many people are present at the same time for a longer period of time, or where the room occupancy changes frequently, the risk of infection via the room air is very high.

The Dinies air purifier UVG360 has been specially developed for the disinfection of air in larger rooms such as waiting areas and halls, production rooms, storage facilities and ripening rooms.

Hygiene is also playing an increasingly important role in the food industry due to increasing requirements and legal regulations.

The unit is made of polished stainless steel and is designed for ceiling mounting.





AREAS OF APPLICATION 5₂

The UVG360 can be easily mounted on the ceiling, where it can be used in continuous operation. It provides ongoing disinfection of the room air, eliminating viruses, bacteria and microorganisms up to 99.9%.

- Large waiting areas/waiting rooms
- Food industry
- Cold rooms/storage rooms
- Laboratories
- Medical technology/pharmacy
- Animal breeding

5₁ DATA

Model	Recommended room size	Assembly	Dimensions LxWxH	Rated voltage	Rated power	UV-C power	Air flow	Volume
UVG360	160 m ² bacteria/virus 60 m ² mold/spores	Ceiling mount	1250x220x220 mm	230V, 50/60 Hz	380 W	108 W	380 m ³ /h	60 dB

