TECHNICAL DATA SHEET

GERMIPROTECT series

CLEAN AIR

CONTAMINATED AIR

FLOW UV-C DISINFECTION CHAMBER

GP 4x55 P
SINGLE PURPOSE UV-C FLOW GERMICIDAL LAMP

HOW DOES THE SINGLE PURPOSE UV-C FLOW GERMICIDAL LAMP WORK?

Contaminated air is drawn by a fan into the disinfection chamber. The UV-C radiation intensity and the time during which the air remains in the disinfection chamber are selected so that the air blown out from the lamp is practically free of microorganisms. It should also be noted that the forced flow of the air results in its smooth circulation and cause disinfection of the air in the whole room. This is a safe way to get rid of viruses, bacteria, molds, and fungi from the air.

BASIC DATA:

Airflow disinfection function (flow disinfection chamber)	yes
Direct radiation function	no
Presence of people, animals, plants inside the room during the disinfection process	allowed
Mounting type	on mobile stand
Mounting on a four-wheel acid-proof steel stand	yes (provides stability)
Working time counter	no
External bulbs	no
Casing material*	acid-proof steel
Anti-dust filters	no
Switch on/off	built-in lamp body
Ambient temperature	+10°C to +40°C
Relative humidity	30% to 70%
Atmospheric pressure	700 hPa to 1060 hPa
Declaration of conformity	yes
User's manual English version	yes

EDITION: 10/2022

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TECHNICAL DATA:

Supply voltage	230 V, 50 Hz
Power consumption	240 W
UV-C bulbs (Philips/Osram)	4 x 55 W (PL-L TUV / HNS-L)
UV-C radiation wavelength	253.7 nm
The useful lifetime of the UV-C bulbs	min. 9000 h
The radiation intensity of the external UV-C tube at a distance of 1m	-
Fans capacity (2 fans inside the device)	260 m^3/h
Device capacity	100 m^3/h
Cubage of disinfected room	250 m^3
The effective area of the lamp	100 m^2
Class of protection against electric shock	I
Ingress Protection Code	IP 20
Lamp body dimensions (L x W x H)	940 x 350 x 250 mm
Overall dimensions (L x W x H)	940 x 350 x 900 mm
Total lamp mass	29.5 kg
Power cord length	3 m, ended with the socket plug

APPLICATION RECOMMENDATIONS:
Hospitals
Food industry
Pharmaceutical industry
Cosmetics industry
Outpatient clinics
Medical laboratories
Herbal industry
Chemist's
Vet cabinets

HoReCa
- SPA hotels
- hotels
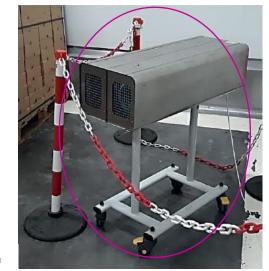- restaurants
- catering/café

Railway stations
Cinemas
Large volume rooms

Ultra-Viol's realisation