



ROOMMAP

MY AIR PROTECTOR

Professional UV-C air purification solution

Aerosol Disinfection

MADE IN GERMANY

design by



DUKART
engineering & production

UV-C air disinfection

The infection via droplets and aerosols in the indoor air counts as one of the main reasons for virus transmissions. Especially small, closed, and poorly ventilated rooms are greatly affected.

How come?

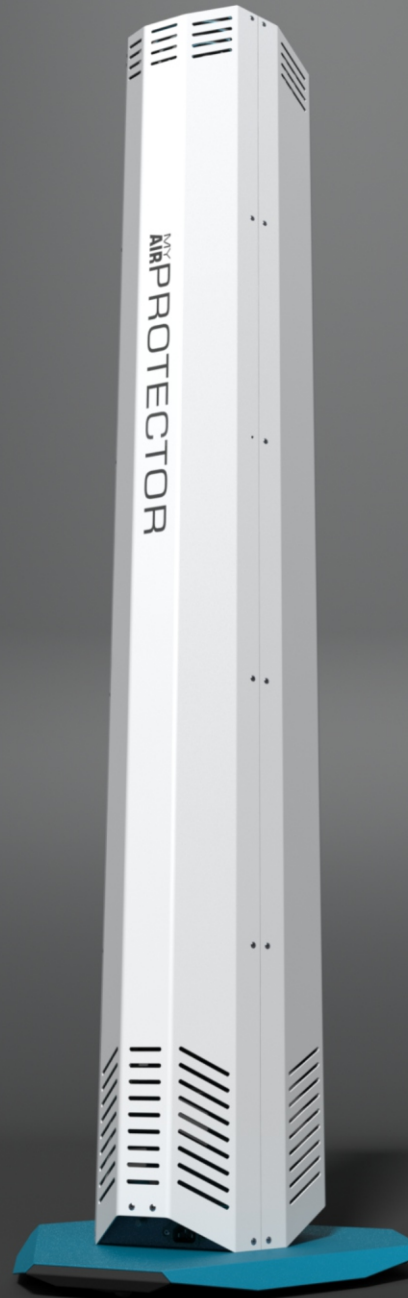
Aerosols...

- ... keep floating in the air for a longer time
- ... don't quickly sink to the floor but droplets do
- ... overcome larger distances
- ... transmit viruses through breathing them in

This leads to the concentration of the viruses to steadily increase.

Wearing masks and keeping a distance is important but that alone isn't enough!

The individual room concept **MYAIRPROTECTOR** disinfects the indoor air by the use of UVC radiation. The surrounding air is aspirated and isolated with a high dose of UV-C light where it gets irradiated.



We are the developers and manufacturers
MYAIRPROTECTOR

experience

with 20 years of experience in the device development

Development of ventilation and air conditioning systems for rail and aircraft

Fundamental research in medical technology

Strategy

Usage of one Aircleaningconcept for each separate room

Based on the german standards (ArbStättV, ASR).

Our performance, your benefits



Individual consultation



construction of individual room concepts customized for your premises with our product line by the calculations of our specialists. (no additional costs)



Creation of a risk assessment including documentation. (no additional costs)




ROOMMAP₅₀₀

up to
99% viruses
99% bacteria



top-performing
for your health

guideline values
depending on the room layout

-  100 m²
-  15 individuals*
-  for closed rooms

* according to ASR 18m³ per individual



Dependable disinfection
without chemicals



neutralizes up to 99%
of viruses and bacteria



closed system isolated
UV-C radiation



safe continuous operation
including function monitoring



modern design made out
of high-quality materials



sturdy and safe metal housing,
absolutely UV-C resistant



developed and manufactured
in Germany



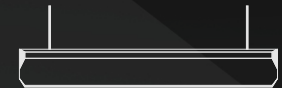
replaceable particle filter

G4 particle filter > 10µm

filtration of: pollen, hair, house dust,
spores, insects, fly ash



Variations

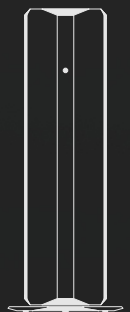
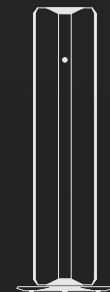


Either as a floor-mounted
appliance or as a
wall/ceiling-mounting
available



Executions

available in other sizes



Prevention

protect your family, clients,
and employees with
MY AIRPROTECTOR

Each room situation shall be
viewed and planned individually

Following aspects shall
be considered

- Room geometry
- area
- ceiling height
- number of individuals
- space usage

Use our products as an
advertisement for your (for infection
rate) prevention measures.

We would gladly advise you
regarding your personal room concept.

✉ beratung@myairprotector.de

☎ +49 (0) 7731 / 944 07 95



Application examples



Schools, Colleges and Universities



Daycare centers and kindergartens



Health facilities
Care and medical facilities



Office



Workspaces
of all sorts for example assembly areas, ...



Waiting rooms
doctors offices, authority offices, train stations, airports, ...



Gastronomy
bars, pubs, clubs, hotel and day-care facilities, ...

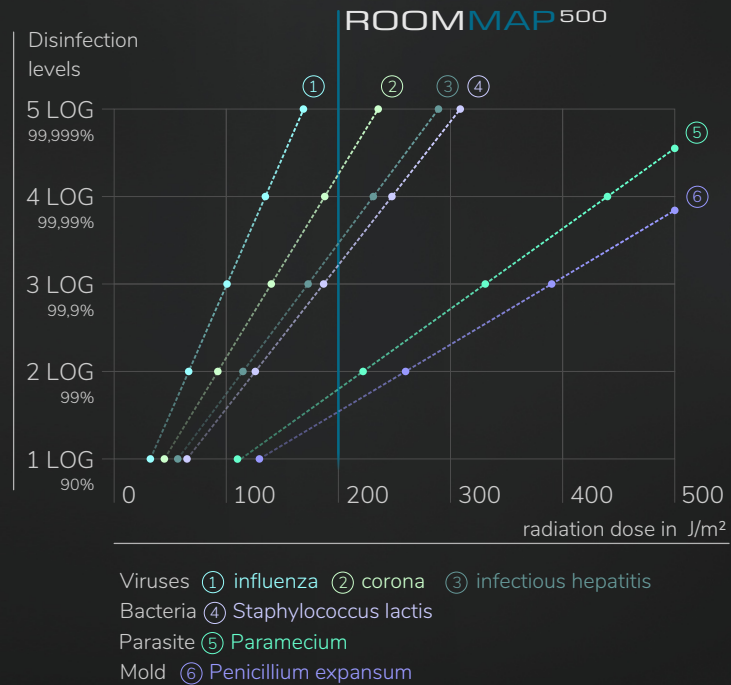


Retail
groceries, clothing, ...

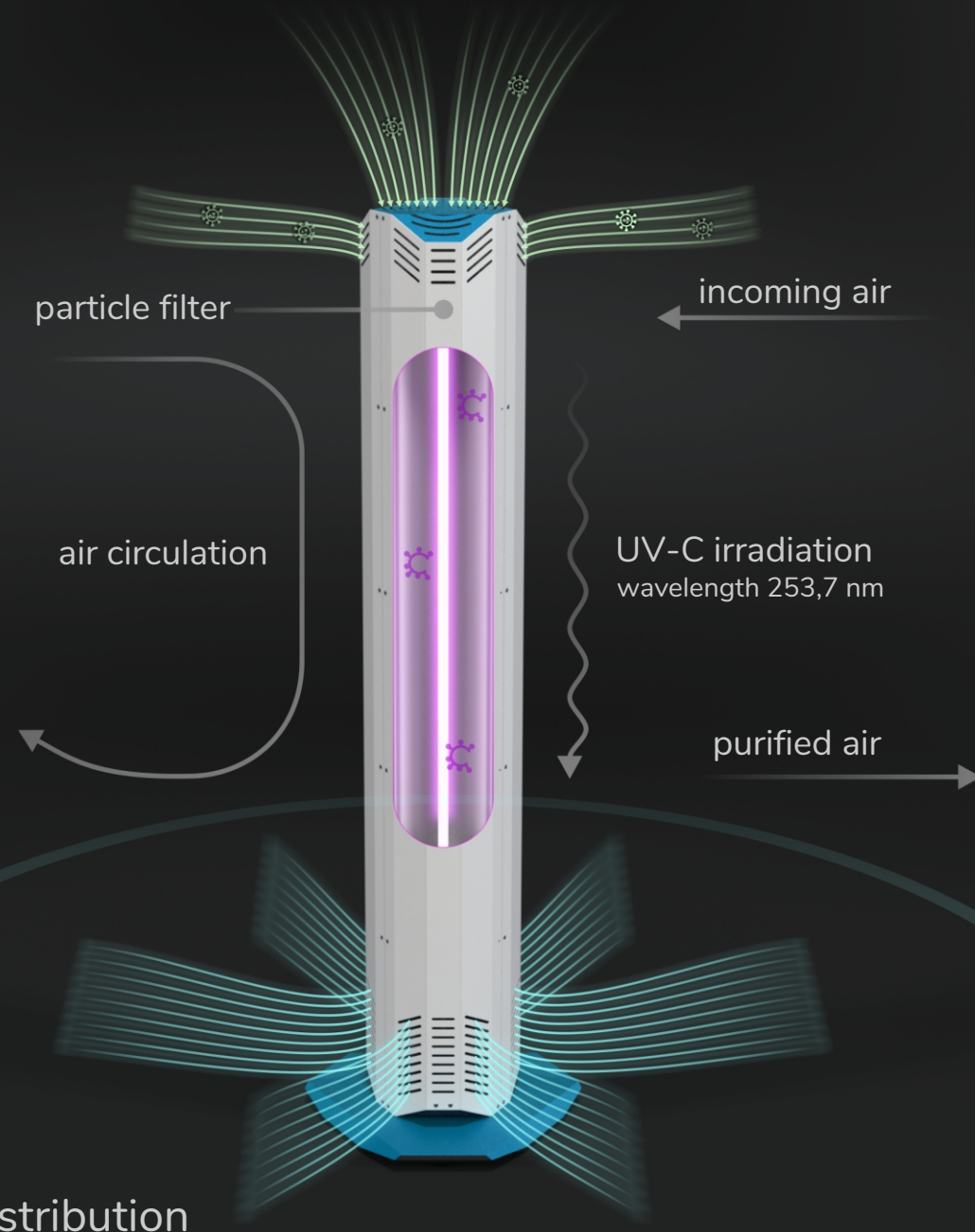


leisure facilities
Gyms, indoor bathing parks, ...

Function



UV-C light radiation is a reliable and environmentally friendly way of disinfection. A wavelength range from 200nm to 300nm is necessary. The most efficient working point lies at 260nm. The radiation doses are dependent on the virus, bacteria, or microorganisms. One dose corresponds to 1 J/m². The germ reduction is indicated in Log-levels. Each log-level reduces the population by 90%.



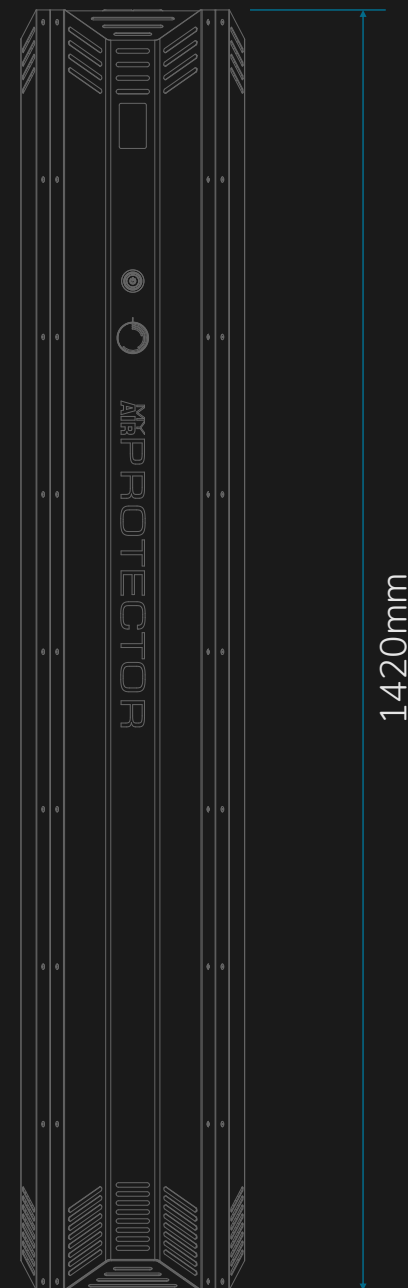
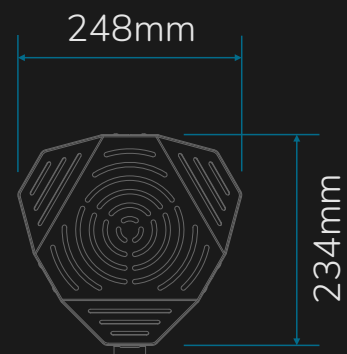
technical data



ROOMMAP

RM500

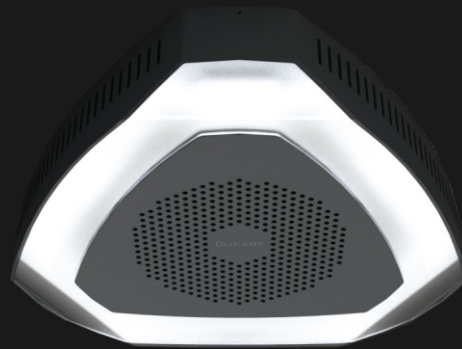
electrical power lamp	3 x 75 W
UVC - power (W 253,7 nm)	75W
lifetime of the lamp	9.000 h
maximum fan power	565 m³/h
noise emission fan	44 dB
effective volume flow	150 m³/h – 420 m³/h
Effective noise emissions	
Min Level	49 dBA (corresponding to Whisper)
Max level	66 dBA (TV at room volume)
G4 particle filter > 10µm	✓
electrical connection	220V - 240V 50/60 Hz
power consumption	280 W
weight	25 kg
variations	Standfuß / Wandhalterung



Coming soon



TRAVELMAP



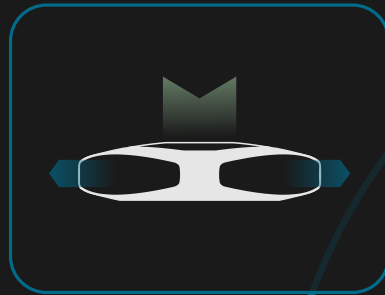
LIGHTMAP



TABLEMAP



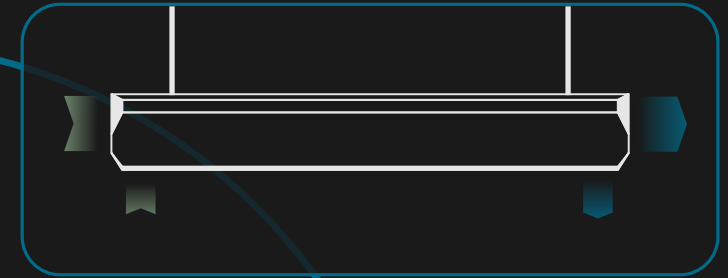
Professional room solutions



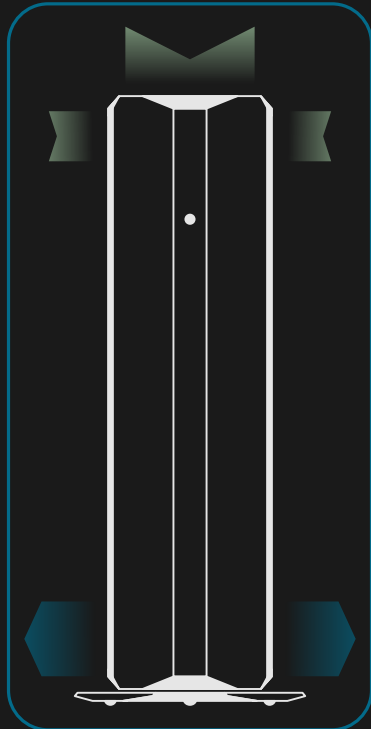
TRAVELMAP



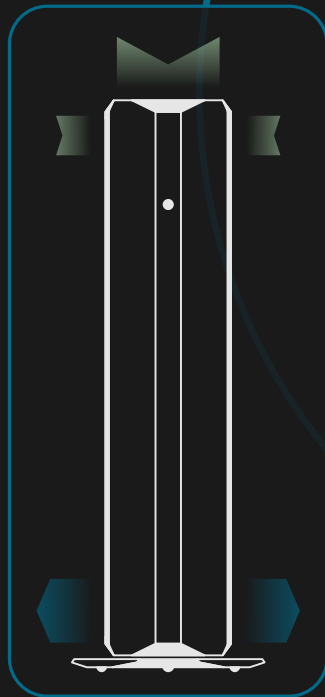
LIGHTMAP



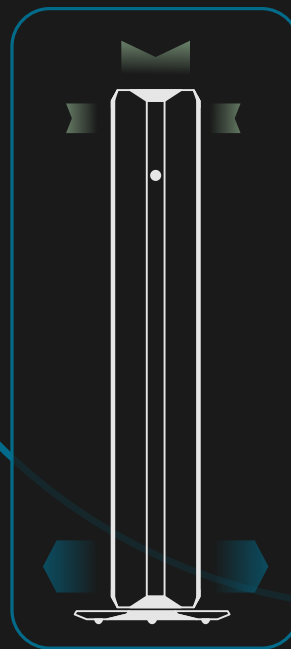
ROOFMAP 500



ROOMMAP 2000



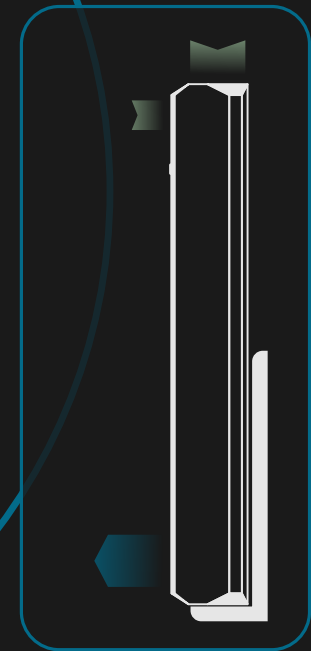
ROOMMAP 1000




ROOMMAP 500





TABLEMAP




ROOMMAP 500

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