

HBC coating®

OZONE PORTABLE AIR CLEANER

**OZONE + UV-C
GENERATOR**



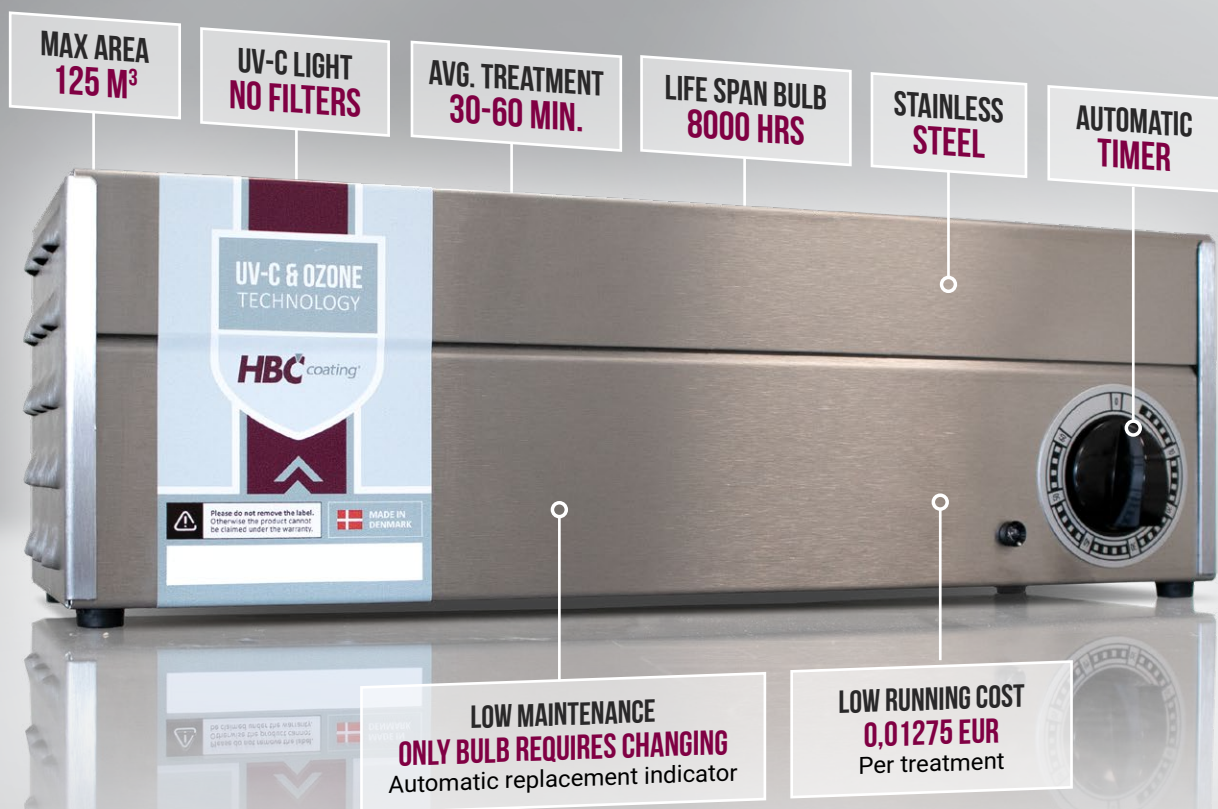
ELIMINATING ODOURS WHILE MAINTAINING A HEALTHY ENVIRONMENT

PROFESSIONAL

OZONE

PORTABLE AIR CLEANER

DESIGNED TO SANITIZE ENCLOSED AREAS FOR MOLD, BACTERIA, VIRUSES AND WILL ELIMINATE ALL ODOURS WITHOUT THE USE OF CHEMICALS



Pure physical process, no chemicals



Small investment fast roi



No negative impact on the environment



Reliable and secure operation



Minimum Power Consumption



portable and compact. Easily moved



It has never been more important to ensure clean air in all areas where people are present and especially where the risk of disease spreading is high, such as vehicles with several users and passengers.

Utilizing the patented combination of UV-C & OZONE Technology you can now permanently eliminate and remove any unpleasant odours - without the use of chemicals. The odour does not return, unless the pollutant is still present.

Easy to use - simply place the unit, plug it in, set the timer and exit the area.

The OZONE unit does not merely combat odour nuisances but also sanitizes for mold, bacteria, viruses in cars, caravans, boats, rooms, etc.

NO FILTERS

Most air cleaners today use a filter. When you use a filter, you retain the hazardous particles in the filter allowing the bacteria, fungi, mould and vira to grow inside the filter. Making it unsafe, less convenient and costly to replace.

The OZONE Air Cleaner destroy the particles with UV-C light. Eliminating the cost and time of replacing filters.



AUTOMOTIVE

- » **CAR DEALERSHIPS**
- » **CAR RENTAL AGENCIES**
- » **LEASING COMPANIES**
- » **FLEET OWNERS**
- » **TAXI / RIDE-SHARING COMPANIES**



RECREATIONAL / TRANSPORT

- » **CARAVANS**
- » **MOBILE HOMES**
- » **BOATS**
- » **TRUCKS**
- » **PLANES**
- » **BUSSES**



RESIDENTIAL / BUSINESS

- » **HOUSES / APARTMENTS**
- » **RESTAURANTS**
- » **HOTELS**
- » **HOSPITALS**

WIDE RANGE OF APPLICABLE AREAS

PROFESSIONAL

OZONE

PORTABLE AIR CLEANER

COMBINING THE NATURAL FORCES OF UV-C AND OZONE

UV-C light generates / produces ozone (O_3) in connection with the natural oxygen (O_2) content in the air; this happens in the same way as with sun rays. By using this method no harmful nitrogen oxides (NOX) are created.

Ozone has the ability to combine with organic substances in the air such as Nicotine, and the ozone oxidizes these. Thereby the bacteria, vira and spores present in the air are being eliminated. During the cleaning process the odour air in the room is being sucked into the Ozone Cleaning system, and it passes the special HBC lamp. In connection with this, the treated and disinfected air is being led back to the room with an ozone residue.



CLEANER TECHNOLOGY
EU Environmental Award Winner



DESIGNED IN
DENMARK

Our OZONE Air Cleaner produce ozone using UV-C lamps to create photolytic oxidation. Photolytic oxidation is a combination of photolysis and ozonolysis. This process leaves no volatile compounds. Photolytic oxidation can be used everywhere.

OZONE / UV-C AIR CLEANING UNIT

Other air cleaning generators that produce ozone with high voltage also produce nitrogen oxides. Nitrogen oxides (mainly NO and NO₂), or NO_x, is the generic term for a group of highly reactive gases. Nitrogen oxides are dangerous to humans.

HIGH VOLTAGE OZONE GENERATORS / TRADITIONAL AIR CLEANERS



OZONE OUTPUT EXPLAINED

Ozone can be produced with either high voltage or with UV-C technology as is the case with the OZONE air cleaning generator.

While many high voltage ozone generators claim to produce up to 10000 mg/h. it's highly doubtful. That equates to over 5,000 ppm. Listeria and salmonella are killed at 10 ppm.

The thing is, when you produce ozone with high voltage you always produce nitrogen oxides. Nitrogen oxides (mainly NO and NO₂), or NO_x, is the generic term for a group of highly reactive gases.

Nitrogen oxides are dangerous to humans but also short term damaging to any plastic, leather or fabric materials you see in car interiors or furniture.

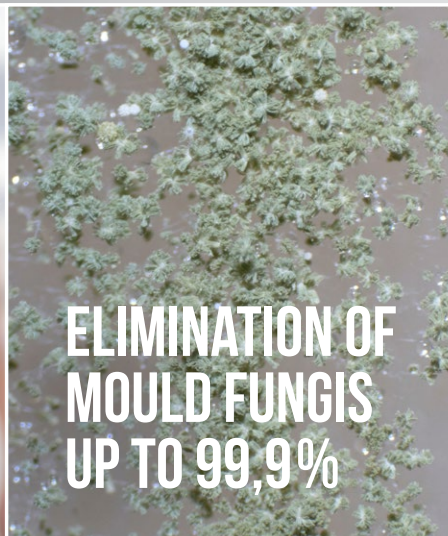
Also when measuring ozone output, the detection systems can't distinguish between NO_x and ozone. This means you will see an inflated output full of dangerous NO_x gasses.

PROFESSIONAL

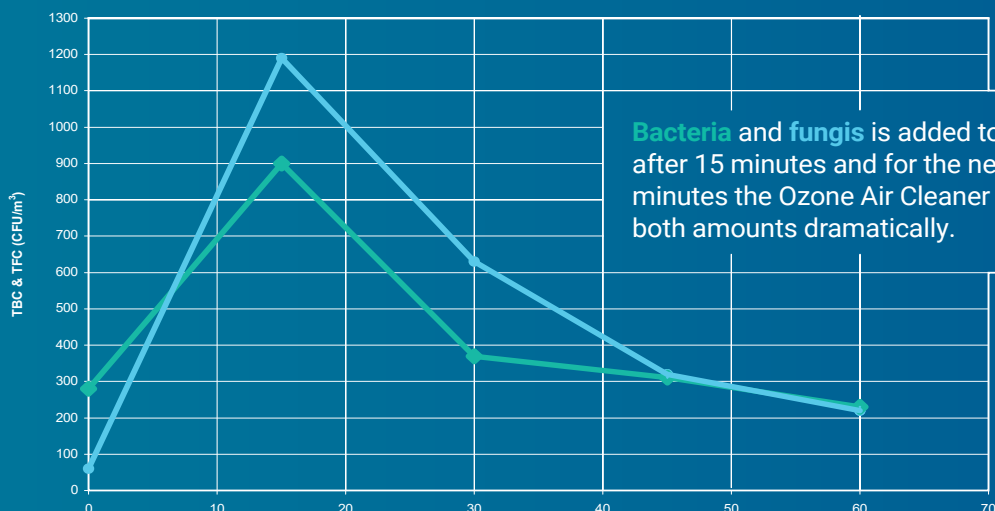
OZONE

PORTABLE AIR CLEANER

WILL EFFECTIVELY DECREASE THE SPREADING OF ANY DISEASE IN AREAS FREQUENTED BY PEOPLE



When the OZONE unit cleans the air for odours, micro-organisms such as airborne bacteria, viruses, and fungal spores are also removed. Reducing the risk of transmitting infectious diseases.



Bacteria and fungus is added to a room after 15 minutes and for the next 45 minutes the Ozone Air Cleaner reduces both amounts dramatically.



REDUCING THE RISK OF TRANSMITTING INFECTIOUS DISEASES.

The Ozone Air Cleaner makes it difficult for virus to survive. It reduces the amount of bacteria, viral disease, mould and fungi within the room



Technical Specifications

Lamp	UV-C 16W
Voltage	220 / 110 VAC 50 Hz
Temp	-5/ +25 C
Output	140 mg/h. 0.01944 ppm/sec/m3.
Weight	4,1 kg.
Dimensions	L: 430 mm W: 130 mm H: 130 mm.



OZONE PORTABLE AIR CLEANING UNIT PART NO. 109



CUSTOMER CASE STORY



A 30 minute sanitization and sterilization procedure with the OZONE Air Cleaner, before and after a car service will effectively safeguard against viruses.

The seats, steering wheel, gear shift, radio and AC dials are all "high touch" areas inside a vehicle that can attract many types of germs and microorganisms. This can lead to sickness and a weaker immune system if not frequently and thoroughly disinfected.

Ensuring customer and employee safety

HBC coating®

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**The Ozone Air Cleaner
is only for use in
unoccupied areas.**

Please read the instruction manual carefully before working with ozone and observe all safety instructions.



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