Ozone System Solutions

GuidelineOzone treatment of motor vehicles

Version number 1

revised on: 28th April, 2020

Preparation / Warnings:

- → All employees must be instructed before using an OSS ozone generator to draw attention to all dangers.
- → Before using our devices, please read the manual carefully.
- → Inhaling ozone is harmful to health.

No persons or animals may be inside the vehicle during treatment!

- The vehicles must be treated outside closed rooms and separately.
- It is recommended to wear an ozone mask "3M 9928" during the treatment.
- OSS ozone generators must <u>not</u> be operated via the car battery by using a voltage transformer.
- The treated vehicle must be secured against unauthorised access by third parties during the treatment.
- Place clearly visible signs on the vehicle "Attention Ozone Treatment"

1. Preparation of the vehicle:

- Clean all surfaces inside the vehicle.
- In a limousine, please fold down the back seat (so that the ozone also flows into the trunk).
- Route the 230V (50/60Hz) power supply to the vehicle.
- Place the ozone generator in the passenger footwell and supply it with power (please make sure that there are no objects in the footwell that could get into the air intake).
- Set the ventilation in the vehicle to circulating air.
- Set the fan to level 1 to circulate the ozone in the car and also treat the air conditioning/airflow.

2. Ozone treatment:

- Switch on the main switch of the ozone generator toggle switch to "I"
- Set the application time by using the green button on the timer (usually 30-60 minutes is sufficient for a car)
- Next, close the door <u>Please leave it ajar so that the power cable is not</u> damaged -



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- Start the unit from the outside with the remote control button "A". A premature termination is initiated by pressing button "B".
- Lock the vehicle and make it inaccessible to third parties Keep the door closed during treatment.
- After the set running time has expired, the unit switches off automatically.
- Leave the vehicle to stand for a further 30 minutes so that the ozone can continue to work.

3. Aftertreatment:

- After the ozone treatment, all doors are opened and the vehicle is ventilated in the open air for at least 60 minutes (wear an ozone mask). Please distance yourself from the vehicle again afterwards.
- After airing for 60 minutes, the ozone generator can be removed from the vehicle and the vehicle ventilation can be switched off again..
- → Ozone can be smelled in the vehicle for up to 3 days, but this is not dangerous. This is because our nose can perceive ozone even in the smallest concentrations.
- → If the vehicle still smells unpleasant after the treatment, please repeat the procedure and double the treatment time.

Note on the MAK values for working with ozone:

The maximum workplace concentration (MAK) for ozone defined by the Employer's Liability Insurance Association is as follows:

The permissible average value of ozone is at a concentration of 0.2 mg/m3 = 0.1 ppm = 1 MAK within the scope of 8 hours daily.

Note: Please read the operating instructions carefully before using the device.

All steps of these instructions are to be implemented in a binding manner.