

Specification / technical data

Supply voltage	230V / 50Hz
Max power	50W
Ambient temperature	-20°C...+50°C
Max relative humidity	* 80%
Fuse	0.5 A (230V slow)

* At higher humidity, the ozone production of the air cleaner will be lower. If humidity decreases again, the ozone production will increase.

Diameter [mm]	Ozone plates	Max capacity [m3/h]
Φ 160	2	1,200
Φ 200	3	1,800
Φ 250	4	2,400
Φ 315	5	3,000
Φ 355	5	3,000

Handling / transport

During transport it must be ensured that the ozone plates and wiring cannot be damaged. Always check the ozone plates and wiring on receipt for damage or irregularities.

There are no specific (environmental) requirements for the destruction of the air cleaner.

Maintenance and repair

Maintenance and installation of the air cleaner may only be carried out in accordance with locally applicable regulations by certified personnel and AFTER the air cleaner has been completely isolated from the mains.

The user is responsible for (dis)assembly and repair of the air cleaner.

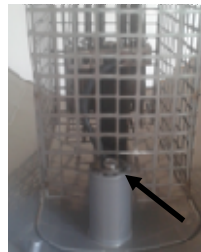
The air cleaner is virtually maintenance-free. After very long periods of intensive use, the ozone plates can become contaminated; these can be disassembled and replaced.

Before the air cleaner may be disassembled, it must be switched off and the plug must be unplugged.

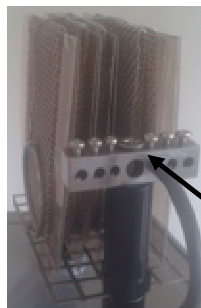
- 1) Disassemble the ozone reactor by loosening the 4 nuts on the housing. The reactor can be fully removed from the tube by letting it drop.



- 2) Loosen the 2 screws on the reactor cage so it can be removed.



- 3) Dismantle the 2 screws and the wiring on the reactor so the reactor can be removed. Assembly is the reverse of the previous steps.



User manual



Odor removal



Remove odors permanently

Introduction

The air cleaner uses ozone to completely remove odors. Ozone is naturally recognizable as the fresh air after a thunderstorm.

The air cleaner can be used as an supplement to carbon filters to be 100% sure that all odors are removed. The air cleaner also functions at high humidity.

When using the air cleaner, safety must be observed. Please read the safety measures carefully.

Advantages

- **Additional performance of your system**
- **100% certainty of odor removal**
- **Lightweight & easy to install**
- **Low maintenance with easy-to-replace plug & play ozone reactor**

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Safety measures

The air cleaner is intended for industrial use only.

Risk of contact with high voltage

The air cleaner uses very high voltages. Conductive (metal) parts must NOT be touched when the air cleaner is connected to mains power (230V).



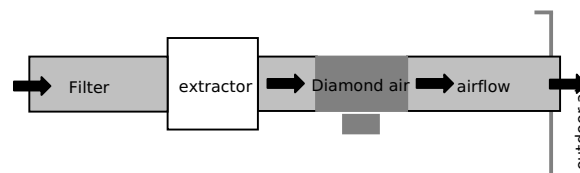
Before connecting the air cleaner to mains voltage, the air cleaner must be installed in a ventilation duct.

Short-circuit protection

The air cleaner is protected against short circuits by a fuse. If the fuse fails, the air cleaner must be switched off before replacing the fuse. The fuse is located at the mains connection. The fuse can be replaced without dismantling the air cleaner.

Ozone output

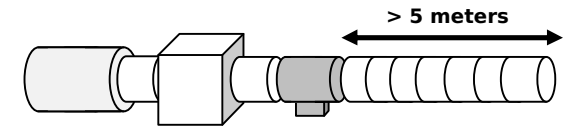
The air cleaner uses high concentrations of ozone. Inhaling high dosages can be harmful to health. Before connecting the air cleaner to mains voltage, it must be installed in a ventilation duct. The air cleaner should only be switched on if there is an air flow in the ventilation duct going to the outdoors. The airflow is created by the extractor.



Therefore the airflow must NOT be blown into an enclosed space due to high ozone concentrations. The released ozone will react with the polluted air. All odors will be neutralized. Some ozone may remain and will decompose into oxygen.

Installation instructions

The air cleaner should be installed in a ventilation duct after the extractor. Use a minimum of 5 meters of air hose after the air has passed through the air cleaner to give the ozone enough time to react with the polluted air.



carbon extractor Diamond air hose filter

Wiring diagram

A plug with earth connection (PE) must be connected to the mains socket.

Operation

The air cleaner is easily operated by plugging it into mains power and turning on the switch.



There are 3 settings of ozone capacity:
HIGH - MEDIUM - LOW



