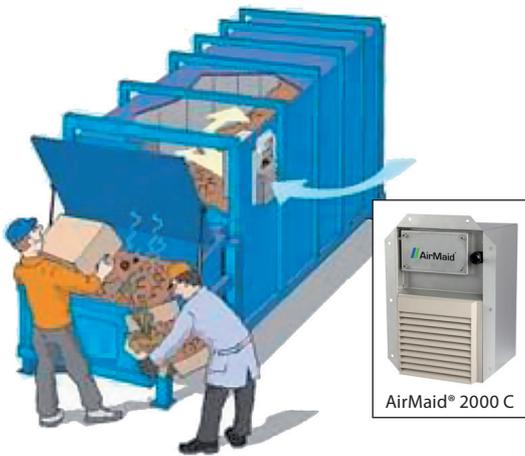


## Operation Manual AirMaid® C



### INSTALLATION



The installation of the generator **MUST** be vertical, like the figure below. Make sure that the position is safe so that the generator is not exposed to water or mechanical damage both inside and outside the container. A typical installation is shown in the picture.

Prepare a rectangular hole in the container. Width should be 185 mm and height 295 mm. Prepare 10xM6 holes according to the layout drawing on the last page of this manual.

Fix the sealing of NEOPREN rubber around the hole and install the generator. Make sure that the sealing is well fixed around the generator and fix the stainless steel frame at last with 10xM6 screws from the outside.

As standard the generator is delivered with a 5m cable without any connector. An authorized person should connect the cable to a 2-pole safety switch. The outgoing cable from the generator can be either on the backside or the front side. As standard the cable is fixed on the front side.

### START UP



The ozone generator is equipped with an asymmetrical timer to control the ozone production.

To adjust the timer the main power has to be switched OFF behind the front cover. The period of ozone production (ON) can be adjusted TON. The period of ozone production (OFF) can be adjusted by the TOFF. As standard the settings is made according to the sample below.

#### Sample

The settings in the picture are made according to:

TON: 1-10 s      TOFF: 0-60s  
2                      5

Ozone is produced in 2s and then it goes down in 30s. By combining the white knob (period) and blue knob (range) the time period can be adjusted between 0,1s to 100h.

## OPERATING LIMITS

The incoming air to the generator should be as clean as possible. The temperature should be less than 40°C.

## SERVICE AND MAINTENANCE

During normal conditions the air filter should be changed at least 2 times per year. If the incoming air is not clean the changes must be made more often. **While changing the filter the main power should be switched OFF.** The frame of the filter is removed and the filter is changed.

Do also check that the fan is running properly and that the glass tubes of the ozone unit are clean from dust. If the tubes are dirty they should be cleaned with a soft towel in combination with water.

**Do never use any sharp tools to clean the glass tubes since they might break.**

If the generator is not working properly please contact the manufacturer or the distributor.

## TECHNICAL SPECIFICATION

Models	Ozone capacity	Dimensions	Electrical data	Fan capacity	Material
AirMaid® 500 C	0-500 mg/h	WxLxD: 182x293x220mm Weight: 5,5 kg	Voltage: 230V / 50 Hz Power: 55W	160m <sup>3</sup> / h (ideal)	AISI 316
AirMaid® 2000 C	0-2000 mg/h	WxLxD: 182x293x220mm Weight: 5,5 kg	Voltage: 230V / 50 Hz Power: 100W	160m <sup>3</sup> / h (ideal)	AISI 316
AirMaid® 5000 C	0-5000 mg/h	WxLxD: 182x293x220mm Weight: 5,5 kg	Voltage: 230V / 50 Hz Power: 200W	160m <sup>3</sup> / h (ideal)	AISI 316

### Reactivity of Ozone

Ozone is a strong oxidation agent and consequently high concentrations of ozone are harmful to health. The local legislation for the permitted concentration of ozone should be observed. Interzon recommends that all persons using the ozone generator should be familiar with the risks associated with elevated concentrations of ozone.

Complies with the EMC and the low voltage directives



For additional information please contact Interzon AB.

