AirMaid®

500 C
2000 C
5000 C

# MODERN, EFFECTIVE AND ENVIRONMENTALLY FRIENDLY TECHNOLOGY FOR CONTROL OF ODOUR, GAS AND BACTERIA IN WASTE COMPACTORS


*AirMaid® C model*

## FIELD OF APPLICATIONS:

- Waste compactors
- Waste containers

## INSTALLATION

The installation of the generator MUST be vertical. 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 185mm and height 295mm. Prepare l0xM6 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 with10xM6 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 ide or the front side. As standard the cable is fixed on the front side.

## ENVIRONMENT

ENVIRONMENT
AirMaid® offers an advanced and environmental friendly technology for ozone production that is appreciated by operators that put safety, economy and environment in first place.

MAINTENANCE FREE
AirMaid® has a very long lifetime, is easy to install, is practically maintenance free, contains no consumption parts and has very low power consumption.

OZONE
Ozone is a triatomic gas formed by three oxygen molecules. Ozone is very reactive and oxidize efficiently all kinds of organic compounds.

## THREE-YEAR GUARANTEE

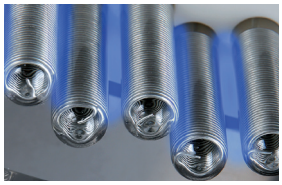
All AirMaid® products are delivered with a three-year guarantee.

## CGC "CORONA GLASS CELL"

AirMaid® is based on Interzon's unique Corona Glass Cell where ozone is produced by electrical discharge.

CGC is an Interzon invention for ozone production that has a very long service life and requires little to no maintenance.

The CGC technology has been on the market since 1996.



*CGC "Corona Glass Cell"*

INTERZON

## 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.

**Sample**
The settings in the picture are made according to:

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

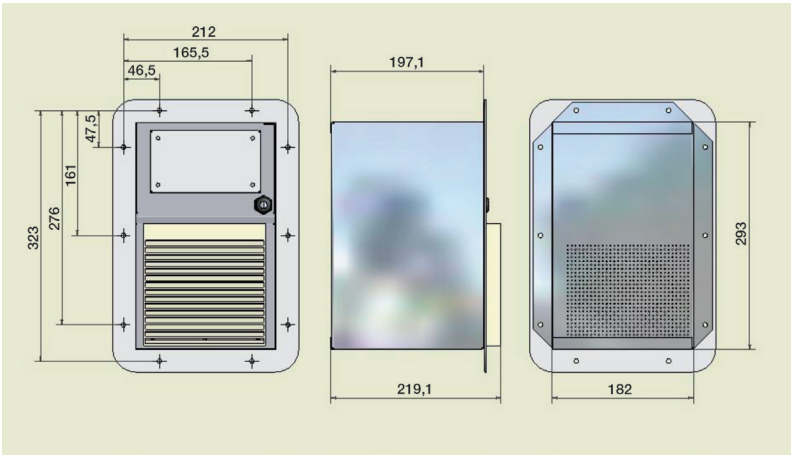
Ozone is produced in 2s and then it goes down in 30s. By combining the white knob (period) and blue knob (range) the time period can be adjusted between 0,1s to 100h.


## OPERATING LIMITS

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

## SERVICE & 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

| AirMaid® | Ozone capacity (mg/h) | Power | Voltage | Weight |
|---|---|---|---|---|
| 500 C | 500 | 50 W | 230V/50 Hz | 5,5 kg |
| 2000 C | 2000 | 100 W | 230V/50 Hz | 5,5 kg |
| 5000 C | 5000 | 200 W | 230V/50 Hz | 5,5 kg |

Material: AISI 304
Temperature field: -25 to +40°C
Fan capacity: 160m$^3$ / h (ideal)
Dimensions WxLxH: 182x293x220 mm

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