

Operation Manual AirMaid[®] T



INSTALLATION

The AirMaid T-type generator may only be installed upright or horizontally as shown in the following two photographs. Never install the unit in any other orientation or so the input/exhaust pipes are not in the same horizontal plane!



Be sure it is not exposed to mechanical elements such as vibration, moisture, etc. The input air must be clean and filtered (using a minimum EU3-class filter) and may not exceed a temperature of 40°C.

As standard equipment the generator is delivered with a 5m power cable without an electrical plug. An authorized electrician should be used to attach the power cable to a two-pole circuit breaker.

BEFORE POWER-UP

1. Verify the installation was correctly performed.
2. Check that the exhaust air from the generator leads only to the desired area for treatment.
3. Ensure that no people work or visit the treatment area during its operation.

Use

The main power switch and a rotary knob for adjusting ozone production from 0 – 100 % is behind the door.

On the front panel you will also see a fuse holder. Please note that the fuse requirement is 2AT. As standard equipment the generator is delivered with Ø110mm couplings on the input and output ducts.



SERVICE AND MAINTENANCE

The generator does not have any built-in filtration and must therefore be provided with clean filtered air. If the air is not clean there is a risk for production disturbances in the ozone cell. The manufacturer recommends that the ozone cell is regularly checked and cleaned, as necessary, to retain optimal ozone production. The first service check shall be performed after one month in service; thereafter the inspection interval can be increased as long as the ozone cell does not become dirty.

To check, clean or replace the cell the front panel first needs to be removed, then the cell (the black molded module) can be loosened with two screws. Lift the cell gently from its mount and check the glass rods. Never use any sort of sharp or hard tools such as screwdrivers or knives to clean the cells; they are made of thin glass and can easily break. Clean the rods with a soft cloth soaked with a cleaning agent such as alcohol. Assure that the cell is placed back in its original orientation when remounting and that no cables are crimped by accident.

Ensure also that the input and output pipes are clear of dust or other sediments as this can reduce the airflow through the generator.

If the airflow through the generator is too low (under 1m/s) then the generator risks becoming overheated. The generator is designed with a built-in heat sensor that automatically turns off the unit to prevent overheating. In the case of overheating, when the temperature again drops to normal levels this switch automatically resets and the generator is started up again.

Note: Service to the generator may only be performed while its electricity is shut off.

TEKNISKA SPECIFIKATIONER

Models

AirMaid® 2000 T

AirMaid® 5000 T

Ozone capacity

0-2000 mg/h (AirMaid® 2000 T)

0-5000 mg/h (AirMaid® 5000 T)

Dimensions

WxLxH: 250x300x180 mm

Weight: 8 kg

Electrical data

A/C Source: 230V / 50 Hz

Consumption: 100 W (AirMaid® 2000 T)

100 W (AirMaid® 5000 T)

Fan capacity

160 m³/h (ideal)

Material

AISI 304

Ozone is dangerous to humans and organic materials

Ozone is a powerful oxidant and exposures to high concentrations are unhealthy. Local health regulations regarding the use of ozone should be observed.

Interzon recommends that all personnel who use the ozone generator be educated regarding the risks and precautions regarding exposure to ozone.

Meets EMC and low-voltage directives.



For further information please contact Interzon AB.

