

UVi-Aire



Portable Air purifier & Deodorizer **POG 7000A**

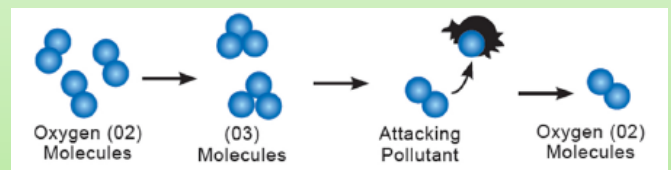
Ozone is created naturally near the ground by lightning. The fresh smell in the air after a thunderstorm is ozone. Ozone (O_3) is an allotropic form of oxygen: it is oxygen in its most active state; it therefore means a more generous supply of oxygen, the life giver. Nature produces ozone for the purpose of purifying the air, and to destroy all organic decay upon which disease germs and bacteria thrive. It is the pathogens that create unhealthy air and odour in the environment.



Ozone (O_3) is a powerful oxidant and bactericide and is sometimes called "activated oxygen", or "triatomic oxygen", contains three atoms of oxygen rather than the two atoms we normally breathe.

This Portable Air Purifier and Deodorizer, POG7000A is the versatile and effective solution to all forms of indoor pollution; cleaning the environment of mould, fungi, mildew, bacteria, virus and various odours.

The POG7000A produces ozone via the corona discharge method.



The POG7000A takes in oxygen (O_2) from the air and convert it to ozone (O_3) which attacks bacteria, virus and various organic molecules and pathogens in the air and materials. It is a "suicidal" molecule looking for contaminants to attack, oxidizing them and eventually destroying itself in the process.

Ozone has a very short lifespan and will last 15-20 minutes in ambient temperature before returning to "normal" oxygen.



Portable Air purifier & Deodorizer

TYPICAL APPLICATIONS:

- *Hotel Rooms
- *Gymnasiums
- *Supermarkets
- *Bars & Pubs
- *Hospitals
- *Food Preparation Areas
- *Locker Rooms
- *Kitchens
- *Wet Markets
- *Garbage Rooms

The POG7000A is light and portable, can be moved from room to room and is simple to operate. There are no confusing digital switches and timers to set. The controls are simple: On Position / Off Position and Timer mode (in blocks of 15mins to 12 hours). This convenient operation is especially useful for hotels,



SPECIFICATIONS

Weight	5.8 Kg
Dimension (mm)	H:260 x L:310 x D:185
Housing	Powder Coated Steel
Voltage	230 VAC
Power	30 Watts
Ozone Output	7000mg/Hr
Controls	Manual (with Timer)
Area Coverage	200 Sq metres

This unit has a fan that circulates the ozone into the area to be treated. There is no costly or harmful chemical to replace and maintenance is minimal. It replaces other often ineffective method of odour control such as constant fresh air replenishment with consequent heat or cold air loss, or “deodorizing” by masking odours with artificial fragrances.



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