

# Lamers *Indoor Air Quality*

*Clean Air - the natural odour eater*



CleanAir ozone generator type 10SS



CleanAir ozone generator type 20SS

## Some key applications of CleanAir odour neutralisers:

- Companies that regularly face temporary or frequently-recurring problems with odours.
- To prevent the threat of smells transferring to other products during storage.
- With problems caused by unpleasant smells from the surrounding area
- Converting smoking areas into non-smoking areas.

- Permanently removes unwanted smells
- Works simply and quickly in unoccupied spaces
- No use of chemicals
- Kills airborne bacteria, fungus, mold, mildew and viruses
- No side effects

## These include:

Specialist cleaning companies  
 Fire damage repair companies  
 Food industry  
 Storage and transhipment companies  
 Transport companies  
 Cold stores  
 Storage of cheese and fruit  
 Housing corporations  
 Building management  
 Waste containers

Hire companies  
 Car cleaning companies  
 Carpet cleaners  
 Car hire  
 Water damage repair companies  
 Tour operators  
 Hotels / motels / holiday parks  
 Sport facilities  
 Restaurants and bars

## Which odours do the CleanAir smell neutralisers permanently remove?

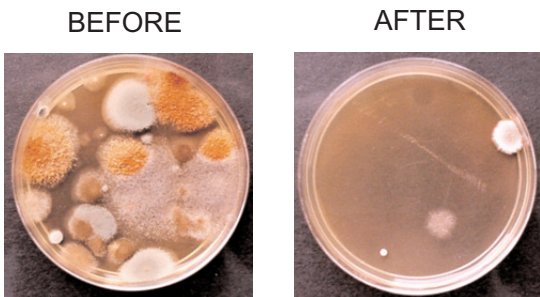
smoke	fire	paint	sewage
cooking smells	volatile organics	rotting food	pets
fungi	bacteria	viruses	urine
vomit	ammonia	thinner	garlic
tobacco smoke etc.			

## How does the CleanAir generator work?

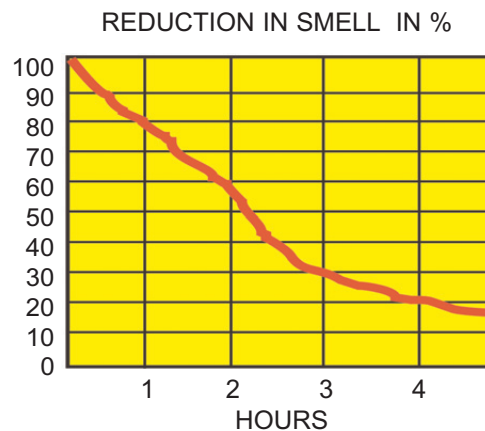
Most unpleasant odours are caused by organic compounds containing carbon (C). Because CleanAir generators produce ozone and when in contact with ozone carbon compounds are converted into carbon dioxide (CO<sub>2</sub>) and water (H<sub>2</sub>O). Any smell permanently disappears and does not return. Any remaining ozone soon converts back to oxygen. The result is that CleanAir generators for example:

- significantly reduces of the smell of smoke and other odours from buildings, clothing, curtains, furniture, etc.,
- drastically reduce the amount of fungi and bacteria in the air,
- inhibits the growth of fungi and bacteria,
- reduces the smell of diesel, domestic fuel oil, solvents, carpeting, paint,
- remove smells which occur in the processes of rotting or decay, vomit, body odours.

## Is ozone effective on fungi, bacteria and viruses?



Within 24 hours ozone kills 80-90% of the fungi and bacteria present in the air.



## Is ozone unhealthy?

The CleanAir generators are designed for professional use and are not allowed to be used in the presence of people or animals. Ozone is unhealthy in extremely high concentrations and if it remains present for long periods. The internationally accepted MAC value is 0.1 ppm. The characteristic smell is recognisable at 0.01 ppm, so well below the accepted MAC value.

## TECHNICAL DATA:

	CleanAir 10 SS	CleanAir 20 SS
Ventilator	77 m3 /hour	110 m3/hour
Ozon concentratie *	13,5ppm	45*ppm
Ozone concentration *	13.5 ppm	45*ppm
Ozone volume	1887 mg/hour	9090 mg/hour
Method of production	UV aimed at a Hydrating "Quad metallic" coating**	idem
Voltage	230	230
Current	2.5 Ampere	3 Ampere
Weight	8 kg.	17 kg
Dimensions	lxbxh 66 x 44 x 39 cm	lxbxh 109 x 43 x 39 cm
Equipment	Made from stainless steel	idem
Control switch	on/off, adjustable time clock and hour register	idem
* at the outlet with a relative atmospheric humidity of 40% and a temperature of 25oC		
** patent		