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Advanced Ozone Products

# ***Odour Control in Extract Vents***

## ***Rugged, chemical free***

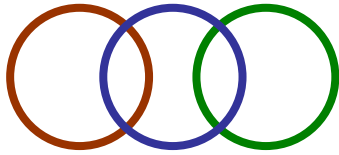


### ***Features***

- patented technology
- uses no chemicals
- environmentally friendly
- low maintenance
- very low running costs
- couples directly to existing ductwork
- up to 30 g/hr output for effluent flows of 5000 m<sup>3</sup>/hr

### ***Applications***

- food processing plants
- commercial kitchens
- restaurants
- livestock buildings
- chemical plants
- sewage plants
- industrial processes



## Ozone

One very effective way of producing ozone is using targeted energy plasma which gives some O<sub>2</sub> molecules enough energy to split in two and combine with other O<sub>2</sub> molecules, making O<sub>3</sub> which is ozone.

Ozone is also produced naturally by lightning and one property it has is that it neutralises smells, which is why everything smells so fresh after a thunderstorm. Another property of ozone is as a sanitiser as it kills bacteria, viruses and mould. Ozone is more powerful than chlorine but unlike chlorine, it:

- does not linger
- does not contaminate the environment

## Specification

	Model 2T	Model 4T
Ozone output at optimum airflow rate (g/hr)	15	30
Ozone optimum airflow rate (m <sup>3</sup> /hr)	300	600
Ozone maximum airflow rate (m <sup>3</sup> /hr)	375	750
Effluent optimum heavy odour airflow rate (m <sup>3</sup> /hr)	1500	3000
Effluent optimum light odour airflow rate (m <sup>3</sup> /hr)	2500	5000
Est. pressure drop at optimum ozone airflow with clean filters (Pa)	200	500
Est. pressure drop at optimum ozone airflow with 50% blocked filters (Pa)	400	700
Power consumption (W)	200	320
Weight (kg)	46	55
Enclosure dimensions approx (mm)	647 x 435 x 245	750 x 530 x 300
Ozone outlet	Nominal 100mm dia	
Enclosure material	Fibreglass enriched polyester	

### Features

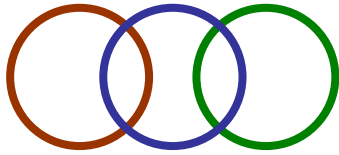
- Counter records total operating time
- Ozone remote on/off
- Ozone ON output signal

### Warranty

1 Year

## Safety Features

- Semi-automatic circuit breaker
- Door interlock
- Differential pressure regulators
- High flammability resistance



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**Odour control in restaurant kitchens**



**Odour control in chemical plants**



**Odour control in waste treatment plants**