

air quality solutions

Product Information Guide

PuraAir state-of-the-art Commercial Odour Control Systems destroy the airborne bacteria and viruses that cause odours, ensuring a safe and healthy environment with a clean air experience.

Just the way nature intended...



UVC Series 1000

Commercial odour control systems

PuraAir's High Performance Commercial Odour Control System Series eliminates unwanted odours and destroys bacteria and viruses by utilising an ultraviolet ray UVC germicidal lamp and UV lamp ozone generating technologies.

The air sanitation process involves a continuous filtering of the airborne dust particles through active carbon filters. These carbon filters draw in unwanted particles that create odours and can be harmful. As the particles pass through the filters they enter the UVC germicidal light chamber and the UV light waves change their DNA and effectively destroy them in a process known as **irradiation**.



- ✓ Bacteria & Virus Control
- ✓ Mould & Fungal Spores Control
- ✓ Chemical Free
- ✓ Adaptive Command Control
- ✓ High Flow Distribution System
- ✓ Low Maintenance
- ✓ High Quality UV Lamps
- ✓ Energy Efficient
- ✓ Quiet Operation
- ✓ Uniquely Engineered

OPTIONAL • *Ozone Sensor*
• *Remote Control*
• *Timer Function*

The advanced stage of the air sanitation process is when **ozone** (O^3) is produced by the UV light waves. It is dispersed by a high flow air distribution system to the area that needs to be treated. For example, in a hi-rise garbage chute application, the O^3 is delivered into the garbage chute and bin where the odour originates; here the building's garbage chute's natural up draft carries O^3 from the bottom to the top, destroying bacteria and viruses. This, therefore, eliminates and prevents the unwanted odours from entering the building's residential or common areas to provide a sanitised environment.



Hi-Rise Garbage Chutes



Garbage Compactors



Bin Collection Areas

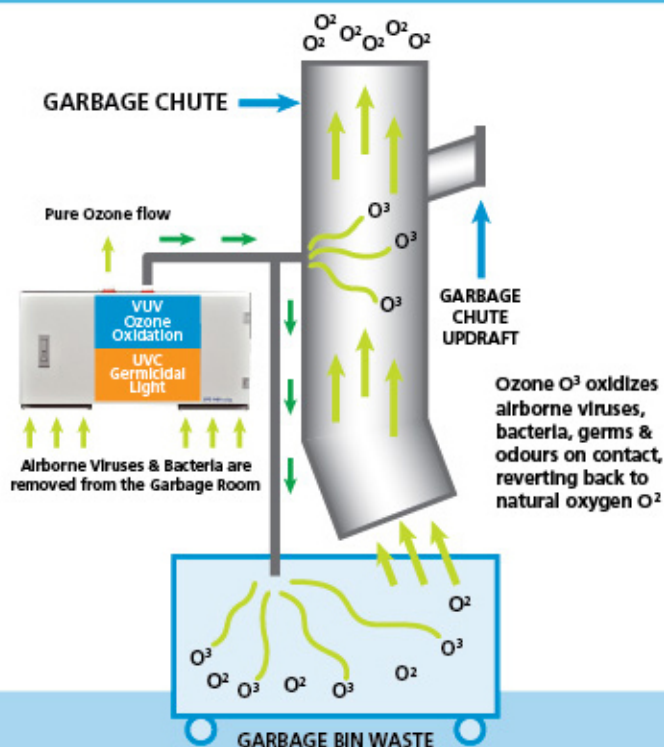


Waste Water Rooms

Ozone (O_3) is a unique molecule that is 'unstable' by nature. This means that it naturally wants to break down to exist in the air as oxygen (O_2). In a process called oxidation, the 3rd atom of ozone will readily break off and bond with unwanted, often odorous particles (viruses and bacteria). The benefit is two fold: oxidation neutralizes the unwanted particles and the two remaining atoms continue to exist in the air as oxygen O_2 . The result - the air is cleaner, fresher and odour free.



Our system uses **oxidation**; a process that, in fact, occurs naturally in the air.



Our air sanitation products can be customised to suit your application and are engineered specifically for controlling odours in environments such as:

- Hi-rise apartment garbage chutes
- Garbage compactors systems
- Garbage bin collection areas
- Grease trap rooms
- Waste water rooms
- Wet food waste areas

(Please note: the diagram only represents one of many uses for this product)



Hotel / Apartment Foyers



Fitness Centres



Hotel Rooms



Retail Stores

Pura-Scenting Range by PuraAir

PuraAir is a market leading company which offers professional scenting solutions utilising Pura-Scent diffusers and Porta-Scent vapour technology systems. Pura-Scenting enables you to naturally discover and experience the power of scent, whether you are looking for a permanent discrete HVAC installation or a portable vapour system, we have the scenting solution for you.

Pura-Scent diffusing systems are designed for:

- Hotel / Apartment Foyers
- Entertainment Areas
- Fitness Centres & Day Spas
- Hi Rise Apartment Garbage Chutes
- Garbage Compactors & Loading Docks
- Board / Convention Rooms
- Learning Centres
- Bars & Clubs
- Retail Stores
- Medical Practices & Aged Care Facilities

The Sense of Smell is a powerful thing...

The effect of fragrance on our consciousness is not to be under-estimated. Fragrances can be responsible for creating mood and signalling cleanliness; they can motivate us, relieve stress or simply create a general sense of wellbeing. Fragrances are 'platform technologies' that can create benefits for your business. By improving your air ambience, a fragrance has been proven to increase sales and create a lasting impression on a customer. People will linger longer in places where there is a pleasant smelling atmosphere and they will make a positive subconscious connection with that business. All forward moving industries and businesses now take fragrance very seriously and use it as a means to improve profit margins.



Porta-Scent Portable Vapour Unit is designed for:

- Rest Rooms
- Locker Rooms
- Garbage Rooms
- Hotel Rooms
- Office Areas



Our Scenting Range... ■ Aromatherapy ■ Odour Encapsulating ■ Signature



Should you have any further queries, please do not hesitate to contact us.

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