



Exhaust Air Treatment

Odour | Pathogen | Toxic gases

Applications

- Sewage Treatment Plant
- Organic Waste Converter
- Sewage Lift Station
- Garbage Storage
- Washrooms
- Garbage Schute
- Municipal Waste Segregation

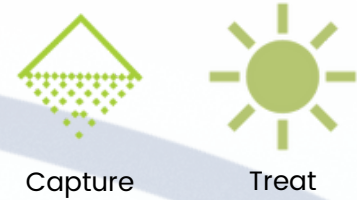
Protections

- Safety
- Compliance
- Nuisance
- Environment

A good ventilation design provides safety & comfort to the occupants. When ventilated air is discharged into the outside environment, it should be treated to comply with the PCB norms. The discharged treated exhaust air should be safe for the environment, humans, animals & plants. All pollutants present in the exhaust air can be oxidised by "ECOBOI" an advanced form of Oxidant, making exhaust air free from pathogens, toxic gases and any foul odours.

Solution - Capture and Treat

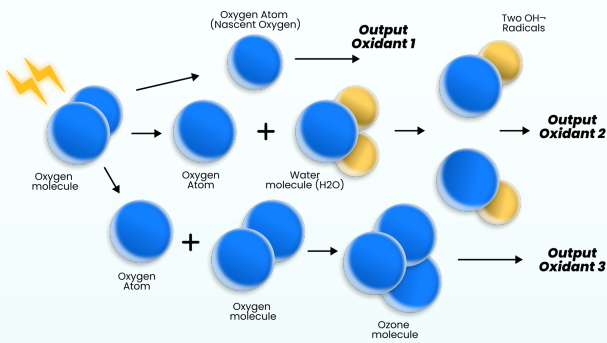
For optimum performance, the solution involves mechanical design to capture the maximum polluted air in the ductwork or a specially designed baffled Oxidation Contact Chamber (OCC) which acts like a reaction chamber and the science of oxidation. This technique is called "Capture & Treat"



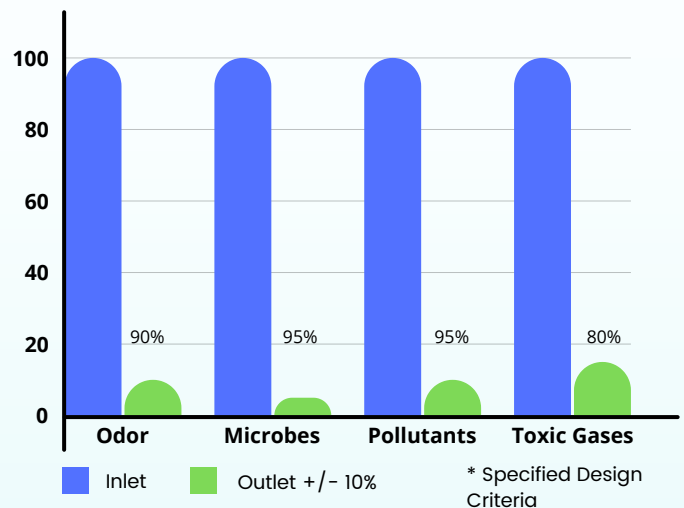
What is ECOBOI ?

ECOBOI is an advance oxidation technique, by which pollutants in the exhaust air are oxidised.

How ECOBOI is Generated?



ECOBOI Efficiency

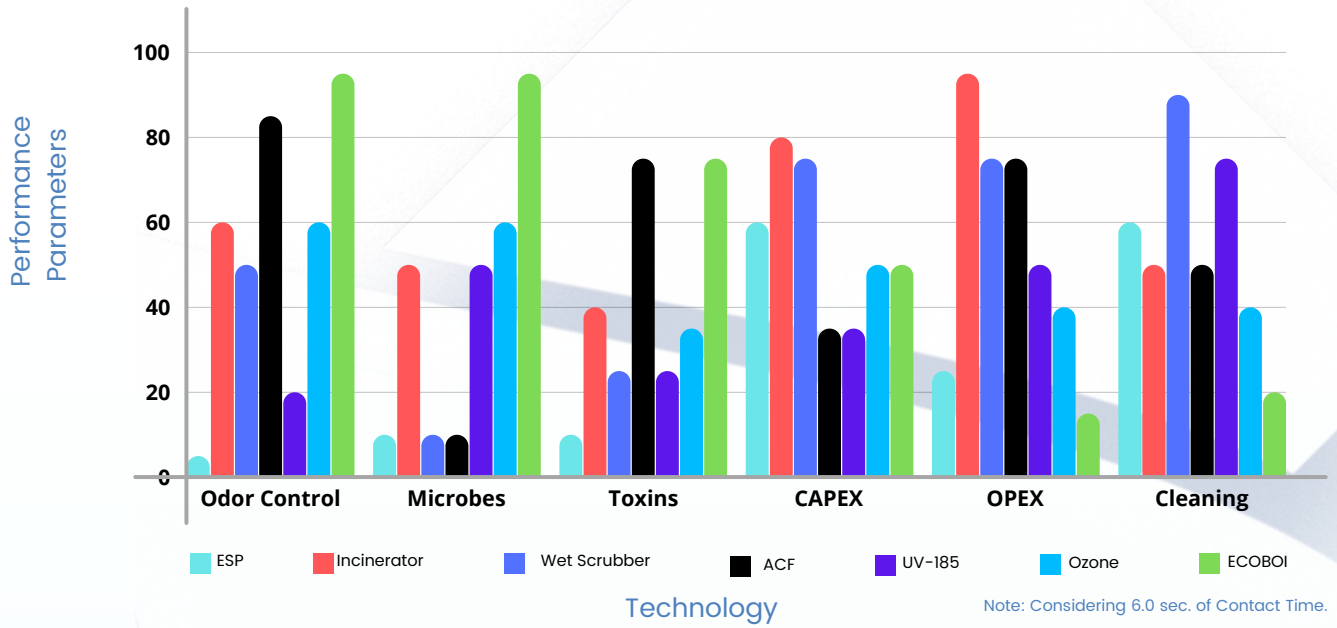


EXO 50 - EXO 200

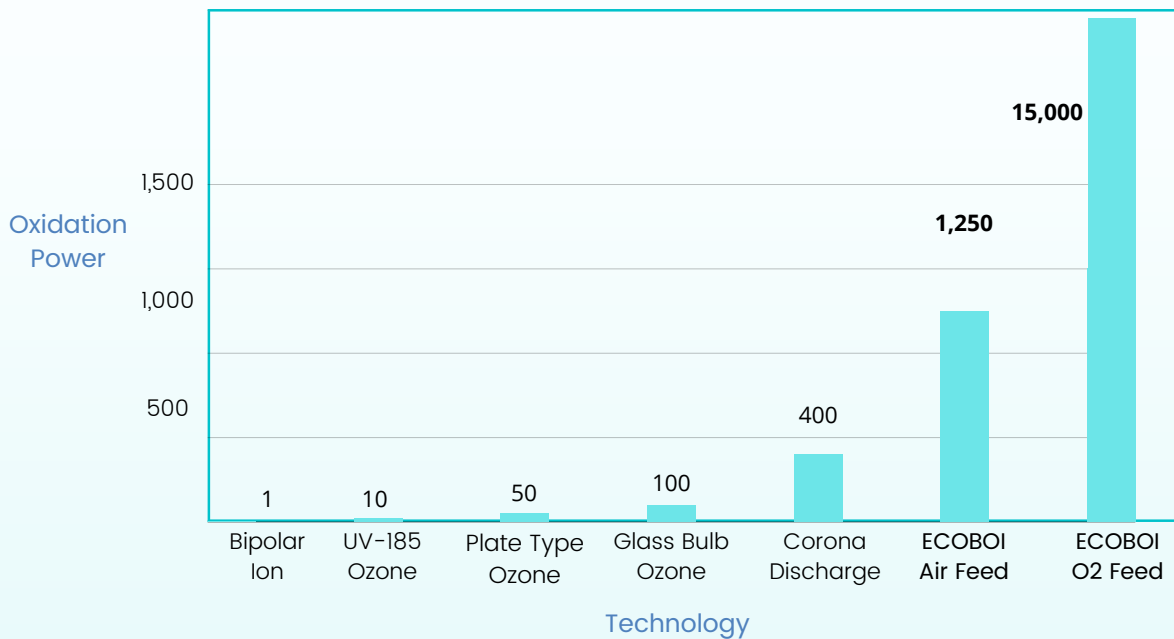


EXO OXY 300 - EXO OXY 1500

Technologies v/s Performance Parameters



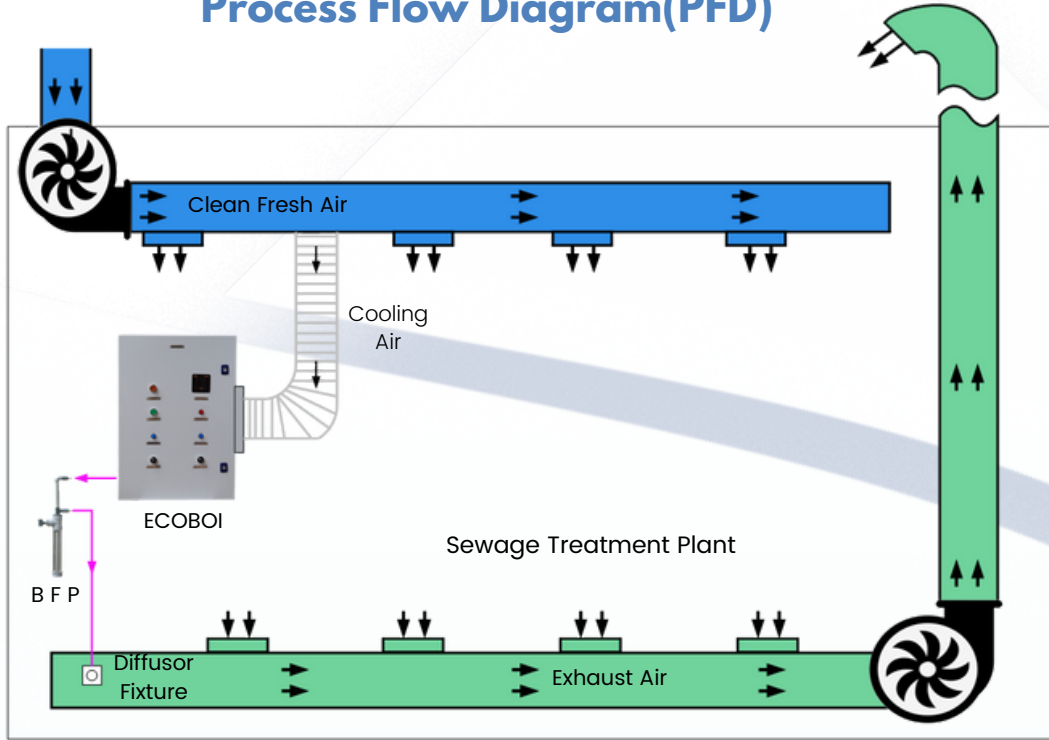
Comparison - Technology v/s Oxidation Power



Advantages

- High Performance
- Comprehensive Cleaning
- Lower Service
- Low CAPEX
- Low OPEX
- No Consumables
- Long Life
- 500 cfm to 100,000 cfm
- New Installation
- Retrofitting

Process Flow Diagram(PFD)



Comprehensive Solution



Foul Odor



Pathogens



Pollutants



Toxic Gases



Air Changes Per Hour



Exhaust Air Velocity



Contact Time



Final Exhaust Discharge End

Treatment Engineering



Up to 8000 cfm Air feed



Above 8000 cfm Oxygen feed

- Tender Specification
- Bill Of Quantity (BOQ)
- Technical Specification
- Process Flow Diagram (PFD)
- General Arrangement Drawing (GAD)
- Catalogue/Technical Data Sheet (TDS)
- Unit Picture

Application Spectrum

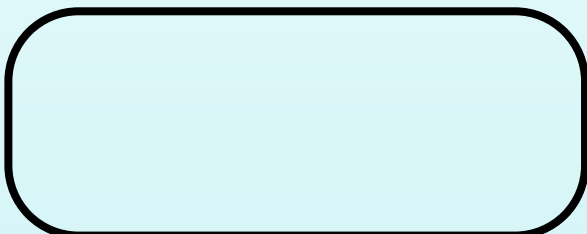
- Commercial Building
- Residential Complex
- Hospitals
- Malls and Theatres
- Private and Government offices
- Schools and Colleges



PROSOFT Mobile App



Contact Details



Patent No - 448996

ECOBOI

