



## The Air Odor treatment and Purification Technology

### OUR SOLUTION IS CENTERED ON REDUCING THE IMPACTS.

The present technology consists of supplying a compact Unit for the treatment of odor up to 12 000 CFM per unit of exhausted or recycled air to produce an acceptable exhaust gas. Our principal methodology for treating contaminated gases involves de-odorization using plasma decomposition, before being released to the atmosphere.



### THIS OVERALL SYSTEM PRESENTS THE FOLLOWING ADVANTAGES:

- Minimal footprint for ease of installation
- Elevated or rooftop installation optional to further optimize floor space utilization
- Recirculation not required
- Lower operating cost of operations, "on-demand" electricity vs "constant" natural gas (a minimum of 30% less than natural gas)
- Easily scalable for future additions by adding Air Unit modules, as required
- Seamless integration with the current process
- Fully automated PLC based controls facilitating operational decisions

### Size and Weight

- Typical Airflow: Modules up to 12,885 SCFM
- Approximate Footprint:
  - o Unit - 2.5m x .5m
  - o Control Panel - 2m x .8m
  - o Ozone Destruct - 2m x 3m x 2m
- Approximate weight: 900lbs. per element
- Stack Height: 4m
- Stack Diameter: 1m
- All Air Unit components install location: Indoors or rooftop

### Utilities Required

- Electrical Power: 575 V / 60 Hz / 3 Ph, other upon request
- System Process Exhaust Fan