



Air Metrics Environment Pte Ltd is a sister company of Hyun Metal Industries Pte Ltd established in 2000. Our experience in kitchen exhaust ventilation and ducting works spans longer than 15 years, with our knowledge in this industry, We setup Air Metrics Environment Pte Ltd in order to solve troublesome problems in all F&B kitchens providing a one stop solution for your kitchen exhaust system.

We also work closely with NEA & SCDF to ensure our products and services are within the stipulated guidelines recommended.

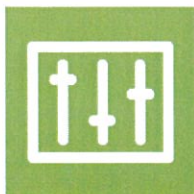
Kitchen Exhaust One Stop Solution



**Ozygreen
Ozone Generator
Air Cleaning System**
> Ozone Generator Servicing



Service & Maintenance
> Degreasing Of Hood, Duct & Fan
> Dedusting Of Fresh Air System
> Repair & Replacement Of Fan Motors



Design & Build
> Electrical Control Panel
> Kitchen Exhaust System
> Kitchen Fresh Air System

Ozygreen Ozone Generator Air Cleaning System

What is Ozone?

Ozone is a molecule composed of 3 atoms of oxygen, 2 atoms of oxygen forms O₂, the basic oxygen that we breathe in.

Ozone is an unstable molecule, the 3 oxygen atom will detach from it and re-attach to molecules of the other substances, thereby altering their chemical composition.

It's a well-known powerful disinfectant as it will remove the odour from the kitchen exhaust system and reduces grease particles to water and dry minerals.

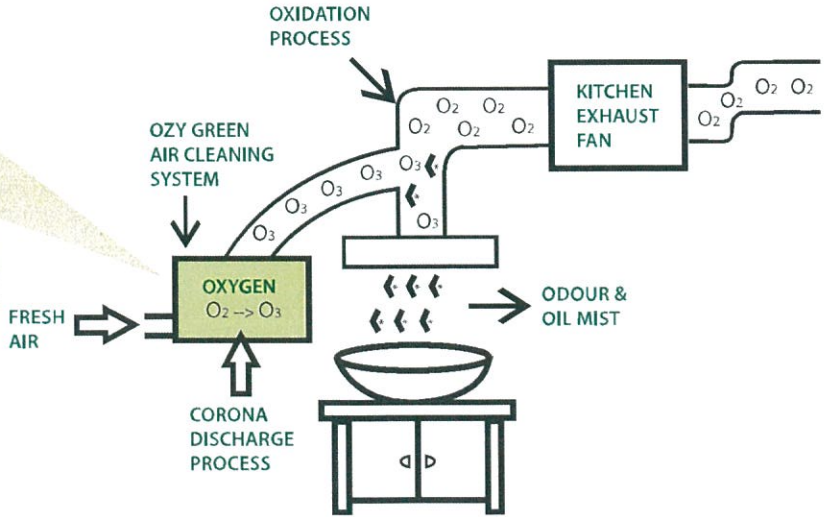
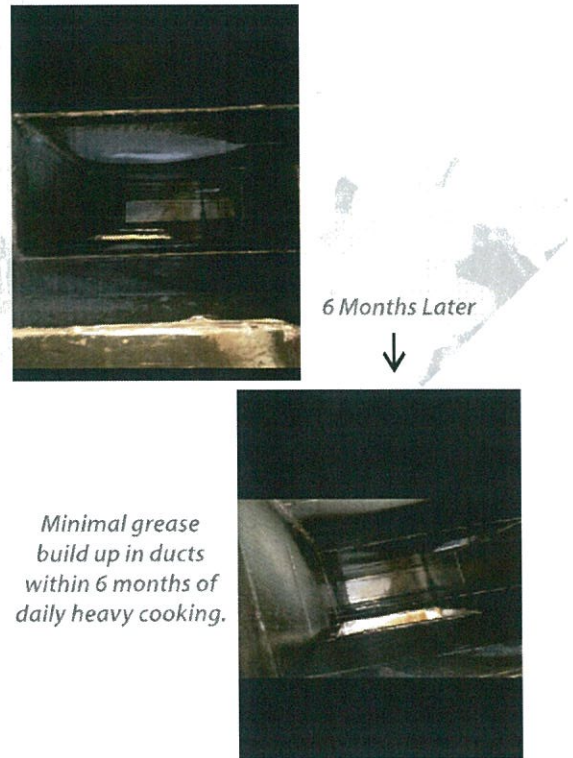
Top Few Benefits:

- Highly effective in removing odour
- Grease reduction
- Does not create static loss in your kitchen exhaust
- Long term cost saving
- Fire safety and preventing oil leakage at duct joints

Lab Test Report By Analytic Laboratories

SOURCE EMISSION MONITORING FOR KITCHEN EXHAUST (TREATED BY OZONE GENERATOR) AT SPIZE RESTAURANT(BEDOK) ON 14 OCTOBER 2015					
Sampling Location	Pollutant	Date/Time Sampling Period (mins)	Sampling Flow Rate (l/min)	Concentration	*Reduction Efficiency
Frying Station Exhaust Inlet	Oil Mist	14/10/15 1215 - 1245 (30)	2.0	3.95 mg/Nm ³	98.3%
Wok Station Inlet 1	Oil Mist	14/10/15 1215 - 1245 (30)	2.0	3.15 mg/Nm ³	
Wok Station Inlet 2	Oil Mist	14/10/15 1215 - 1245 (30)	2.0	3.56 mg/Nm ³	
Exhaust Outlet	Oil Mist	14/10/15 1215 - 1245 (30)	2.0	0.18 mg/Nm ³	
Frying Station Exhaust Inlet	Odour	14/10/15 1215 - 1228 (13)	3.0	2896 sou/m ³	98.6%
Wok Station Inlet 1	Odour	14/10/15 1215 - 1228 (13)	3.0	90.5 sou/m ³	
Wok Station Inlet 2	Odour	14/10/15 1215 - 1228 (13)	3.0	181 sou/m ³	
Exhaust Outlet	Odour	14/10/15 1215 - 1228 (13)	3.0	45.2 sou/m ³	

Remark: 1. * - Total Inlet Concentration = Frying Station Exhaust Inlet Concentration + 2x Wok Station Exhaust Inlet Concentration
2. - An ozone generator, model 50C with ozone output 50G/hr was installed in the kitchen exhaust system.



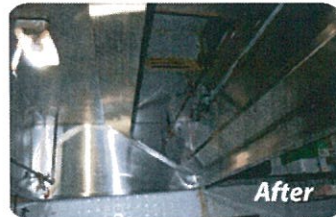
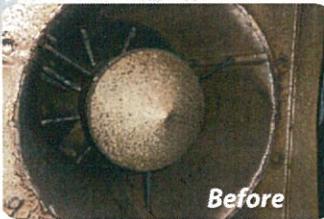
Kitchen Exhaust System Cleaning

In Singapore, a handful of fire breakout in coffeeshops and restaurants are involved with kitchen exhaust system. Grease vapours travel into the hood, through the filters, and into duct work that leads to the exhaust fan and channel out of the building.



Grease is a fuel that can ignite, if sufficient, with a simple spark from the kitchen cooking line and spread throughout the exhaust system within seconds causing severe property damage and potential loss of life.

Kitchen Exhaust System cleaning and degreasing are essential in the prevention of kitchen grease fires and are usually required by insurance companies and governing authorities. We use environmentally friendly cleaning products and dedicated equipment with professional gears. We expertise in duct cleaning and specialize in completing the job on time and on target.



Benefits of regular maintenance of kitchen exhaust system:-

- Fire safety
- Preventing Leakage caused by duct corrosion
- Hygiene
- Healthier working environment
- Longer kitchen exhaust lifespan

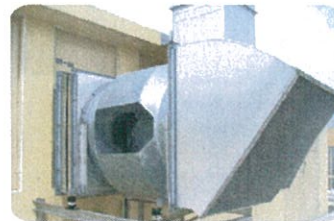
We offer regular interval cleaning of kitchen exhaust systems and will be happy to perform routine inspections of the system, after your initial cleaning, to determine the appropriate maintenance schedule of cleaning.

Do not hesitate to call us for a free survey of your kitchen exhaust condition.

Repair and Replacement of Kitchen Exhaust Fan Motors

Affecting your business operation?

No worries! We have a dedicated rescue team 24/7 on standby for you!



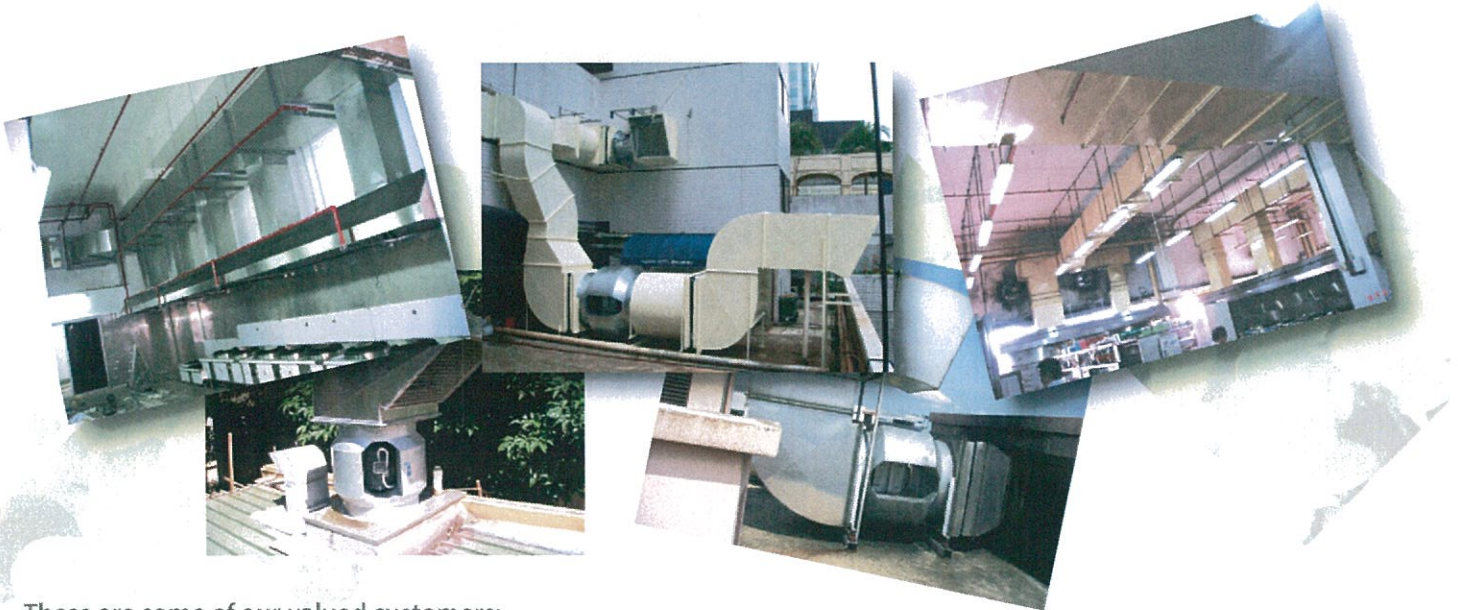
We are just a phone call away from you : 6756 6617

Design and Build of Kitchen Ventilation System

With more than 20 years experience in this industry, we set the standard for commercial kitchen ventilation equipment and service, and offers the most competitive pricing.

Known for the fastest and most reliable leader in the industry, we are able to customize the system based on your needs but we do also follow **strictly** to the guidelines by the relevant governing authorities.

Our knowledge in the ventilation regulations and the different formulas & calculations, we are able to guarantee you till high satisfaction!



These are some of our valued customers:



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