



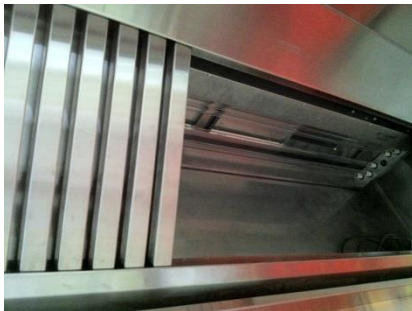
ecocanopy™ ecoshield™ UV System



Introduction

ecocanopy™ UVSACRA

Exhaust air quality is a major concern for commercial kitchen operators, especially in densely built up areas. Discharging grease and odour free exhaust air is a necessity in order to satisfy council regulations and keep neighbouring property occupants happy. ecocanopy™ have incorporated ecoshield™ UV systems in their UV range of exhaust hoods to remove up to 95% of grease and odour prior to discharging air into the atmosphere. The ecoshield™ UV system can be combined with the ecocanopy™ PHC auxiliary filtration system to further increase efficiency.



ecoshield™ UV system behind Baffle filters



Click in- Click out tube replacement

How it works

As the grease and heat laden air travels through the ecoshield™ Baffle filters, large grease particles are trapped allowing only small particles to pass through onto the UV system. The UV light emits radiation in the UV-C band and also creates ozone. When UV-C light directly hits grease particles a chemical process takes place and breaks them into microscopic compounds. The ozone, created from the interaction of the UV light with the oxygen molecules in the air, continues to react with the grease molecules as they move through the exhaust ducts to the outside. The end result is; odour and grease free exhaust air being vented out into the atmosphere.

Specifications

Sizes: To suite Hood dimensions and Airflow requirements

Life span: 12000 Hours (Tubes), 24000Hours (Ballasts)

Tube Replacement: Click in- Click out system (DIY)

Electrical Requirements: 240V, 15A GPO

The ecoshield™ UV System is available in featured ecocanopy™ *CodeMark approved canopies*.
All ecoshield™ systems are designed and assembled in Australia.

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