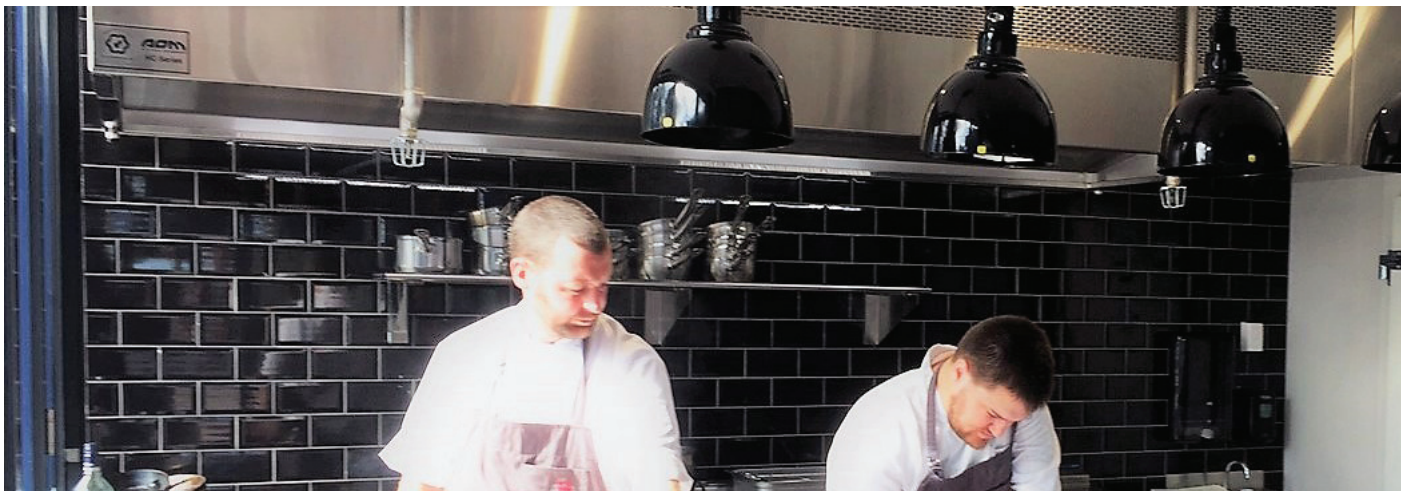


HCU Series Exhaust Hood [UV Treatment]

High performance low velocity kitchen exhaust hood for cost-effective grease and odour control using UV technology

- Improve a base model HCE Series hood particle and odour treatment by including built-in UV treatment thus decreasing the build-up of grease in the ducting
- Minimising the risk of nuisance of exhaust discharges for light type cooking processes by benefiting from both the capacity for particle and odour breakdown of the UV treatment
- Integrate the ANSUL range of fire suppression systems
AOM Australia is a certified supplier of ANSUL R-102 and Piranha restaurant fire suppression systems



Features

Designed to be the most efficient, cost effective and sustainable solution for kitchen exhaust air collection and treatment.

- High quality manufacturing in 304 SS 1.2mm stainless steel
- Equipped with high efficiency AOM range of **stainless steel baffle grease filters**
- Energy efficient LED lighting to Australian Standards
- Integrated Make Up Air solutions include front face low velocity as well as **AOM AirStream** capture jet.

UV treatment system supplied by a recognised Australian UV lamp supplier as ozone producing 254 nm wavelength certified to 100,000 hours of typical service life.

Key Clients



Performance hood as per Australian Standards AS1668.2-2012 section 3.6

Exhaust airflows calculation sheet provided with every exhaust hood based on VDI Standard 2052

Custom-made to suit the project's needs

With a network of manufacturers covering Australia, New Zealand, Asia-Pacific as well as further international partners, AOM HCU series hoods are manufactured locally and custom-made to meet the requirements for each individual commercial cooking line.

Certification and Testing

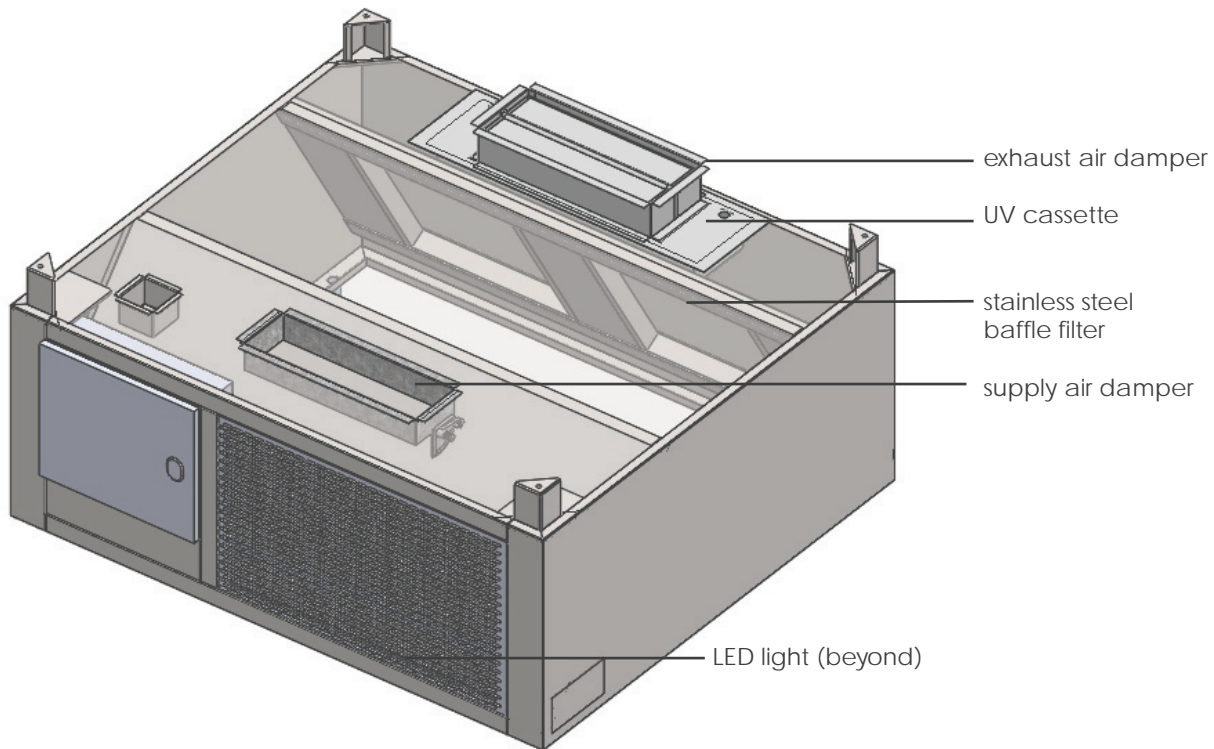
- Exhaust hoods certified by Globemark certification to Australian Standard AS1668.2-2012 Mechanical Ventilation in Buildings



Technical Data

Hood Models

- HCU Standard wall-mounted exhaust hood with UV cassette & air supply plenum
- HCIU Standard island exhaust hood with UV cassette & air supply plenum



Standard Specifications

Dimensions (mm)	Length	Based on the requirements of Australian Standards AS1668.2-2012/
	Width*	International standards and using the additional experience of AOM
	Height**	Based on the available space and the floor to ceiling to slab dimensions
Airflow (l/s)	Exhaust	Based on the requirements of Australian Standards AS1668.2-2012, German Standard VDI 2052 section 3.6, EU Standards & US Standards
	Supply	In-hood make up air supply generally fixed at 60% of exhaust airflow AirStream technology 10% of make up air supply (optional)
Material		Stainless steel 304 No.4 at 1.2mm thickness
Pressure drop (clean)	Exhaust	125 Pa
	Supply	45 pa
Potential extras		Scroll fans for make up air supply SCRUBBOX electrostatic units for high efficiency particle filtration Ozone Generators for odour mitigation ANSUL in hood fire suppression systems (R-102 or Piranha)

* The width range for HCU: 1200mm-1900mm; HCIU: 1900mm-3600mm

** The height range for HCU & HCIU: 500mm-1000mm