

HCE Series Exhaust Hood

Custom-built high performance low velocity kitchen exhaust hoods certified to Australian Standards AS1668.2-2012

- **Decrease the energy consumption of the kitchen exhaust system by optimising exhaust and make up airflow values**
AOM provides detailed airflow calculation sheets based on the VDI 2052 method (now EU Standard) to support this
- **Benefit from high-quality stainless steel finishes, energy saving LED lights and connections to in-built make up air**
- **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 grease filters** (either honeycomb or baffle 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.

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 HCE 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

Key Clients

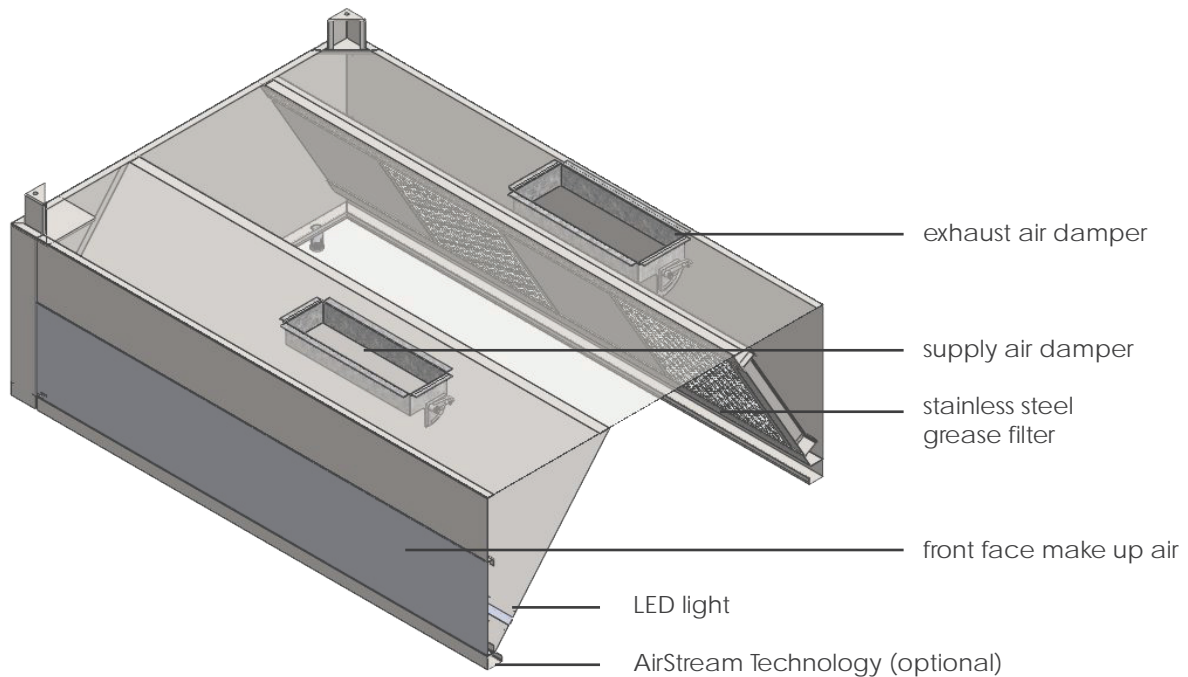




Technical Data

Hood Models

- HCE Standard wall-mounted exhaust hood with air supply plenum
- HCIE Standard island configuration exhaust hood with 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	65-125 pa depending on the choice of grease filter
	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 HCE: 1200mm-1900mm; HCIE: 1900mm-3600mm
 ** The height range for HCE & HCIE: 400mm-1000mm;