

HCM Series Exhaust Hood [Misting]

High performance low velocity kitchen exhaust hood for in-built cold misting and/or hot water wash

- **Decrease Fire Risk of Exhaust System when cooking solid fuel:** through ember and spark capture/containment through cold water mist filtration
- **Decrease Hood Maintenance:** through in-built hot water wash in the hood exhaust plenum



Features

The AOM HCM Series hoods are used mainly for solid fuel cooking in order to intercept spark and embers at the hood level.

- High quality manufacturing in 304 SS 1.2mm stainless steel
- Energy efficient LED lighting to Australian Standards
- Integrated Make Up Air solutions include front face low velocity as well as **AOM AirStream** capture jet
- Fine Cold Water mist for spark and ember interception
- Optional Hot Water in-hood washing to decrease the manual servicing maintenance of the exhaust hood

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 HCM 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



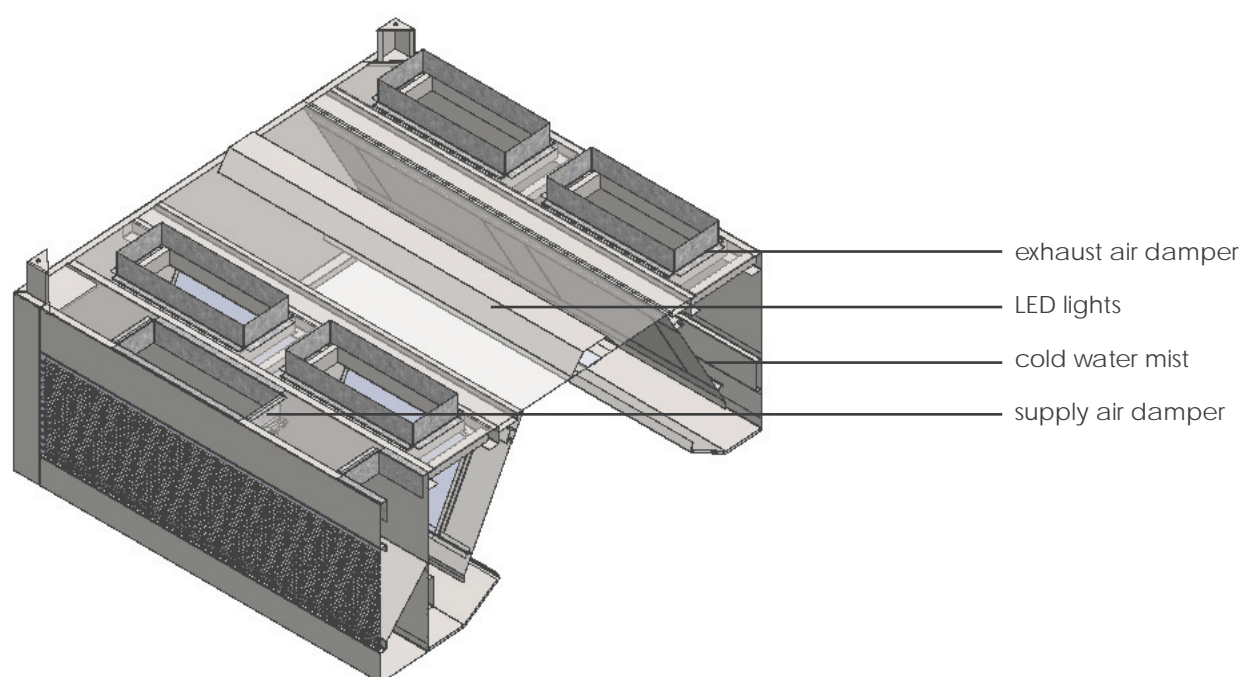
COMMERCIAL
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Technical Data

Hood Models

HCM	Standard wall-mounted exhaust hood with cold water mist
HCM+	Standard wall-mounted exhaust hood with cold water mist and hot water wash
HCIM	Standard island exhaust hood with cold water mist
HCIM+	Standard island exhaust hood with cold water mist and hot water wash



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	90 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 HCM: 1200mm-1900mm; HCIM: 1900mm-3600mm

** The height range for HCM: 500mm-1000mm