

HCFO Series Exhaust Hood [Electrostatics]

High performance low velocity kitchen exhaust hood for high efficiency filtration of grease and smoke with in-built electrostatic precipitators as well as odour mitigation

- **Decrease Fire Risk of Exhaust System** through high efficiency particle/grease filtration (98%) built into the exhaust hood
- **Comply to AS1668.2-2012 section C3.10.3 Concessions for horizontal discharge** for all cooking process types based on the AOM Performance Certification for this model hood
- **Minimise the risk of nuisance of exhaust discharges** through high efficiency particle filtration and odour mitigation
- **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

The AOM HCFO Series hoods eliminate grease, smoke and odour from all types of cooking processes.

- 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

Equipped with AOM FILTRAIR™ technology

AOM high efficiency FILTRAIR™ technology is comprised of a three-stage filtration system:

1. AOM stainless steel grease filters
2. AOM electrostatic cells for grease and smoke filtration (in-built in hood)
3. AOM OG Series Ozone Generators for odour mitigation (optional).

Certification and Testing

- Exhaust hoods certified by Globemark certification to Australian Standard AS1668.2-2012 Mechanical Ventilation in Buildings
- Performance Certification supplied to fully comply with AS1668.2-2012 Section C3.10.3 Concessions to horizontal discharge of commercial kitchen exhaust
- Particle Filtration tested and certified to 98% at 0.3 micron to a range of international standards as well as local independent testing (University of Sydney)
- Odour mitigation tested and certified up to 90% based on relevant Australian Standard to Odour Assessments (AS 4323.3)

Key Clients

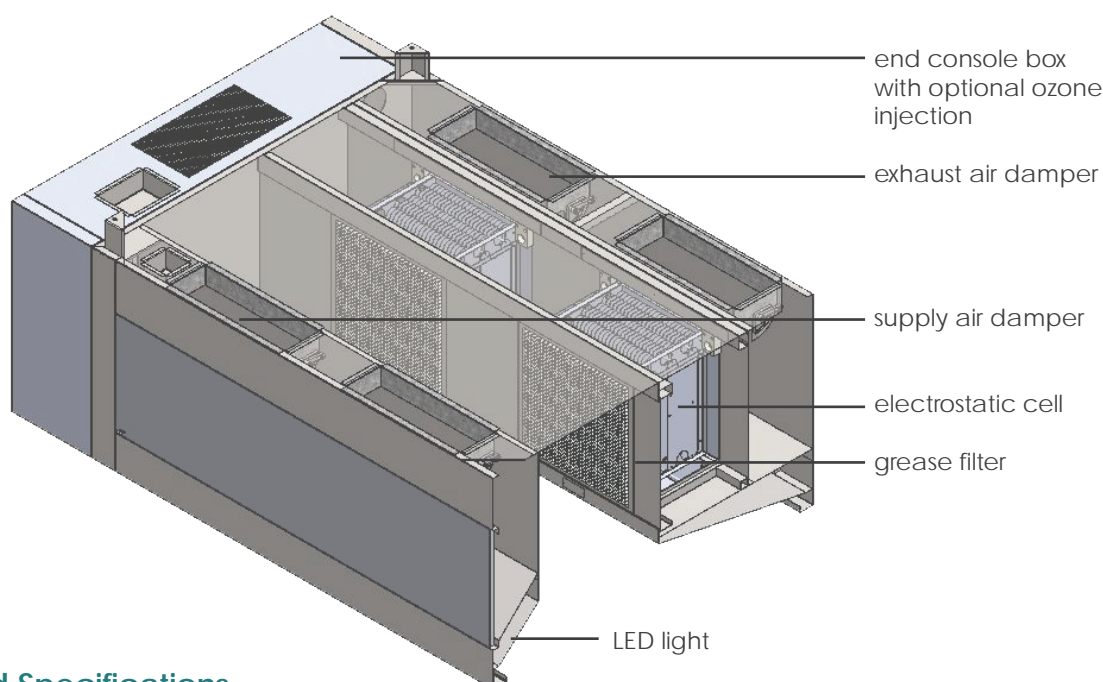




Technical Data

Hood Models

| | |
|-------|---|
| HCFO | Standard wall-mounted exhaust hood with single pass electrostatic filters, ozone generators and air supply plenum |
| HCF | Standard wall-mounted exhaust hood with electrostatic filters and air supply plenum |
| HCPFO | Standard wall-mounted exhaust hood with double pass electrostatic filters, ozone generators and 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 | 75 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 CARBONBOX carbon modules for final odour mitigation ANSUL in hood fire suppression systems (R-102 or Piranha) |

* The width range for HCFO: 1200mm-1900mm; HCIFO: 1900mm-3600mm

** The height range for HCFO & HCIFO: 500mm-1000mm