

Vertical Laminar Flow Cabinets

Laminar flow cabinets prevent contamination of semiconductor wafers, pharmaceutical products, biological samples, and other particle-sensitive materials. The working area is protected from dust and airborne contaminants as filtered air is drawn through a HEPA filter and blown in a unidirectional (laminar) flow towards the user.



The workbench is made from stainless steel so that it can be easily cleaned and less prone to corrosion.

The OPA-V1300 / V1800 features:

- Designed and manufactured to comply with AS 2252.6-2011 Controlled environments Clean workstations - Design, install and use
- LCD - with quick display for airflow velocity, UV timer, UV work time, systems work time and real-time
- 2 x waterproof sockets located in the side panel for optimum convenience when using small devices inside the cabinet
- UV-C lamp with 253.7 nanometers for efficient decontamination
- Transparent side glass windows maximise light and visibility inside the cabinet

Technical Specifications

MODELS		OPA-V1300	OPA-V1800
External size (W*D*H)		1300 x 750 x 2040 mm	1800 x 750 x 2040 mm
Internal size (W*D*H)		1200 x 645 x 160 mm	1700 x 645 x 610 mm
Max opening		430mm	
Airflow Velocity		Average of 0.3~0.5m/s	
Work surface height		750mm	
Display		LCD display	
Material	Main Body	Cold-rolled steel with anti-bacterial powder coating	
	Work Table	304 stainless steel	
	Side and Front Windows	5mm toughened glass anti-UV	
Front window		Motorised	
Pre-filter		Polyester fibre, washable	
HEPA filter		99.999% efficiency at 0.3µm	
Noise		≤65dB	
LED lamp		12W*1	16W*1
UV lamp - Emission of 253.7 nanometers		30W*1	40W*1
Consumption		400W	450W
Waterproof socket		2x, total load: ≤500W	
Power supply		AC220V±10%, 50/60Hz 110V±10%, 60Hz	
Standard Accessories		LED lamp, UV lamp x 2, manual adjustable base stand, gas tap, waterproof power socket x 2	
Optional Accessories		Electric height adjustable base stand	



Our products have been designed and tested to comply with all applicable ACMA regulatory requirements and bear the RCM mark.

