Airone
Class II Microbiological Safety Cabinet

Designed & Manufactured in the UK

The Airone Class II Safety Cabinet is designed for use in microbiology and biotechnology, with the most up-to-date microprocessor control techniques setting new standards for operator, environmental and product protection.

The Airone Class II Safety Cabinet has been independently type tested and approved to BSEN 12469:2000 by the UK's leading authority on Biological Safety Cabinets, the Health Protection Agency at Porton Down.

Operation

Air is drawn in through the front aperture, providing operator protection. The inflow air mixes with the downflow air as it enters the front intake grille and passes through the plenum where the air is split into exhaust systems. 70% of the air is recycled and pushed back into the Work Area through the downflow HEPA filter. The remaining 30% is exhausted through the exhaust air HEPA filter back into the laboratory environment.

Benefits

Ducted or Recirculating
4.3" Full Colour Touchscreen Interface
Main & Exhaust HEPA Filter Technology
Electric Front Sliding Sash with Auto Trap Detection
Hinged Sash - allows cleaning of internal glazing
Clear Glass Side Panels with Cable Holes
Constant Airflow Speed
Low Airflow Alarm
UV Lighting
Double Electrical Sockets

Environmentally Friendly

The Airone Class II Safety Cabinet also has fantastic 'green' credentials. With normal operation starting at just 100 watts of power, the cabinet uses a fraction of the power consumption of rival models. In addition, the unit has some of the most attractive sound levels available.

Overhead high-intensity LED lighting is provided as standard (> 1000LUX) to ensure even illumination of the working area. The Airone Class II range of cabinets are fitted with the latest digital high-performance fans to ensure low noise operation and low energy consumption. Energy efficiency is improved further with the use of PIR movement sensors to shut off all non-essential electronic items when the cabinet senses a period of inactivity.

01934 421 340 safelab@safelab.co.uk www.safelab.co.uk

Technical Specification

Construction

Zintec Mild Steel Frame - Epoxy-coated to prevent against corrosion
Removable Sectional Solid 316—Grade Stainless Steel Worktop
Safety Glass Side Panels

Touchscreen Control Panel

Inflow & Downflow Air Velocity Display
Sash Movement
Control For:

- UV Light
- Electrical Socket
- Cabinet Power
- Light Variable Intensity
- Electric Sash Operation

Additional Features:

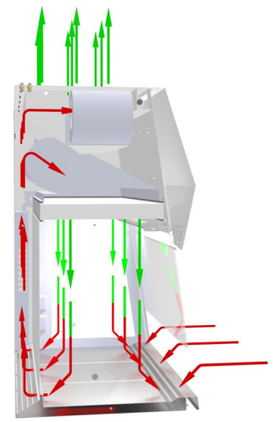
- Auto Eco Mode (5-60min or disabled)
- Airflow Monitoring
- Auto Airflow Compensation
- Audio & Visual Alarms
- Run-time Indicators
- Pin Code Access (For Maintenance & Supervisors)

Optional Extras

Base Stand
Second HEPA Exhaust Filter
Anti-Blowback Valve
Gas Valve
Vacuum Valve
Carbon Exhaust Filter Box
CI-200 Carbon Exhaust Filter (for fumigation)
Uninterrupted Power Supply (UPS)

Specifications	CLII-800	CLII-1200	CLII-1800
External Dimensions (W x D x H)	800mm x 750mm x 1350mm*	1200mm x 750mm x 1350mm*	1800mm x 750mm x 1350mm*
Working Area (W x D x H)	707mm x 500mm x 690mm	1107mm x 500mm x 690mm	1707mm x 500mm x 690mm
Air Cleanliness	> ISO Class 4 (FED Class 10)		
Primary Exhaust & Downflow Filters	H14 HEPA Filter - 99.97% efficient at 0.3µm		
Secondary Exhaust Filter	H14 HEPA Filter - 99.97% efficient at 0.3µm (optional)		
Power	100 watts	150 watts	140 watts
Weight	135kg	170kg	215kg

* Add 62mm height if second exhaust filter is fitted
Add 222mm height if anti-blowback valve is fitted



Airflow Diagram

DOC NO: L64I
ISSUE NO: 01