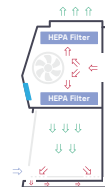




Features & Benefits

INFO

- Recirculating Technology
- Energy Efficient
- ISO 5 Clean Environment
- High-Quality HEPA Filters
- Public Health Agency Tested
- Infra-Red Intelligent Sash Safety



Guaranteed Sample, Personnel & Environmental Protection

Solution

The Guardian Class 2 Biological Safety Cabinet is an essential tool for laboratories handling biohazardous materials, offering guaranteed protection to the user, the environment, and the sample.

Equipped with H14 HEPA filters, [99.97% efficiency for particles down to 0.3 microns], the cabinet maintains an ISO Class 5 clean environment, essential for microbiological, pharmaceutical, and clinical applications.

Protection



Operation

The cabinet operates by creating a controlled airflow environment.

HEPA-filtered vertical laminar airflow protects samples from contamination while simultaneously filtering air away from the operator to ensure personal safety.

The air passes through the work zone, collecting any potentially harmful particles, and is then exhausted through a second HEPA filter to prevent environmental contamination.

Technical Specification

INFO

	MSC800	MSC1200	MSC1800
External Dimensions (W x D x H)	800mm x 750mm x 1321mm *	1200mm x 750mm x 1321mm *	1800mm x 750mm x 1321mm *
Internal Dimensions (W x D x H)	707mm x 510mm x 741mm	1107mm x 510mm x 741mm	1707mm x 510mm x 741mm
Air Cleanliness	ISO Class 5		
Primary Filter	H14 HEPA Filter - 99.97% efficient at 0.3µm		
Power Consumption	100 watts	150 watts	320 watts
Sound Level	circa. 54dB(A)		

*HEPA outlet +46mm/optional carbon outlet +55mm | Double HEPA & carbon outlet +129mm

Filtration System

H14 HEPA filters offer Contamination Protection and an ISO Class 5 Clean Environment.

Touchscreen Interface

Real-time monitoring of airflow and filter saturation enhances user safety and reduces downtime.

UV Chamber Disinfection

Pre-programmed Start and Finish ensures efficient and complete disinfection.



BS EN 12469 : 2025

Fully compliant for Class 2 Biological Safety Cabinets and Independently approved to by the UK Health Protection Agency.

Infra-Red Intelligent Sash Safety

IRISS system aborts sash closure if engaged, preventing potential injury or damage.

Sectional Work Surface

Three-part, removable, mirror finish 316-grade stainless steel, include profiled air in-take grilles to ensure efficient airflow.



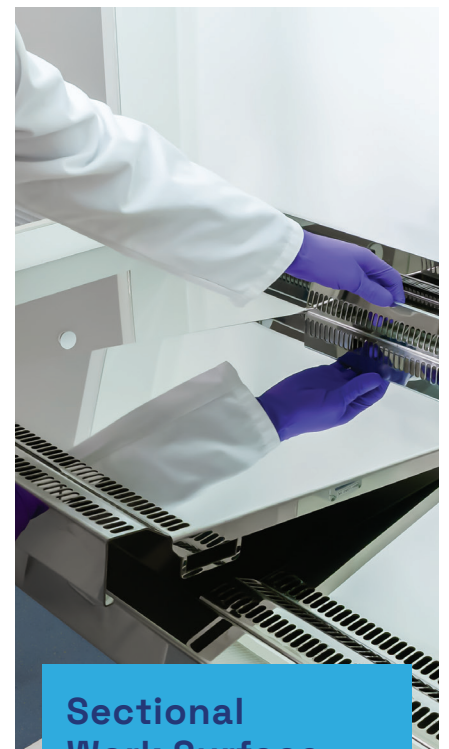
Guaranteed Protection

High quality HEPA filters are 99.97% efficient at 0.3 microns, creating an ISO 5 clean environment.



UV Chamber Disinfection

Pre-programmed start and finish ensures efficient and complete disinfection.



Sectional Work Surface

Mirror finish 316-grade stainless steel, include profiled air in-take grilles to ensure efficient airflow.