

*Meeting and surpassing Australian
air barrier containment test method
AS1807:2021 Clause 4.9*

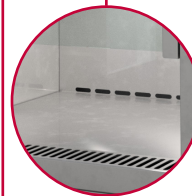
INTRODUCING THE NEW *UltraSafe™* 60

The UltraSafe™ 60 offers a compact Class II Biological Safety Cabinet without compromising on product, environment and operator comfort and safety.

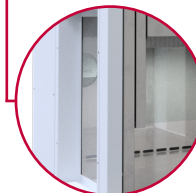
The UltraSafe™ 60 is a compact class II biological cabinet design that compliments our standard UltraSafe™ range of safety cabinets. Due to the compact nature, the UltraSafe™ 60 can fit into the most crowded of laboratories, where space remains a premium. Suitable for applications in laboratories, pharmaceutical labs, universities, community centers, retail dispensing pharmacies, anywhere a controlled environment is required to protect product, environment, and operator.

Mobile Laboratories (Vehicles)

The UltraSafe™ 60 can be easily installed into a mobile laboratory. Where quicker access to remote regional areas as part of the first responder test clinic can be established. Mobile test labs can be quickly established, and easily re-located at minimum expense to another location. A controlled environment is essential for preserving samples and eliminating cross contamination. UltraSafe™ 60 is now available to the wider community, as a compact module.



Front grille and scratch-free stainless steel work zone, sits inline with the opening window. This provides a strong air barrier containment which reduces contamination leakage and cross contamination.



Transparent side windows are constructed of UV resistant glass. This is to offers a well-lit working space and the opportunity to observe operational activities whilst maintaining distance between operator and observer.



User friendly electronic touch control panel with a digital display for ease of use and free of gimmicks.



User friendly

The Ultrasafe™ 60 features easy-to-use control panels, comfortable working height, and accessories to ensure a user friendly and comfortable use of the cabinet. The control panel features electronic touch buttons and a digital output displaying performance and status. The opening window height ensures a comfortable experience for the user, offers good air barrier containment, and provides more robustness and consistency in design than a sash window. Various extra's and accessories can be added to increase user comfort and operation of the cabinet. This includes:

OPTIONAL EXTRA'S

- Gas tap (solenoid- interlocked)
- Service taps (air, CO2, etc)
- Vacuum tap (disc filter holder)
- Extra power outlet (1x power outlet supplied as standard feature)
- Decontamination panel

ACCESSORIES

- Electronic controlled cabinet stand
- Fixed height stand
- Non-restrictive arm rest (maintains air barrier containment)

Construction

The Ultrasafe™ 60 is constructed with a powder-coated electro-galvansied steel main body, with the external in oyster white (which can be changed on request). The work surface is constructed from 304 grade stainless steel to provide an easily cleanable and sterile workspace. The Ultrasafe™ has side viewing windows made of UV resistant glass to maximize light and visibility of the cabinet, whilst also providing a bright and open working space.

As an engineering, manufacturing and filtration company, AES Environmental can offer bespoke options and add-ons to your Ultrasafe™. Our cabinets can be designed to suit specific needs including taps, power outlets and external colour dimensions.

Intergrated HEPA filtration system

The Ultrasafe™ 60 features an integrated HEPA laminar flow unidirectional supply filtration system and a HEPA exhaust filter. The HEPA filters are constructed from H14(HEPA efficiency rating 99.995% efficiency for 0.1 to 0.3 micron) material.

The HEPA filters are constructed from pleated H14 media with aluminum pleat dividers inserted, delivering and extended service life.



Certification

Ultrasafe™ 60 class II biological safety cabinets are designed to meet Australian standards such as 2252.2 (for class II cabinets) and additionally NSF, EU and KI discuss air barrier test method. Class II Biological safety cabinets are designed to be used for products which require air barrier containment and unidirectional flow of air. Class II biological safety cabinets assures users that samples, environment, and operators are protected in the workspace.

These cabinets are suited for products in risk categories 1 (low individual and community risk), 2 (moderate individual and low community risk) and 3 (high individual and moderate community risk). Class II biological safety cabinets that meet 2252.2 and on-site certified to AS1807:2021 Clause 4.9 will reduce the risk of cross contamination in samples. Improving reporting accuracy, workplace efficiency and reducing cost to repeat the process due to uncertainty or doubt arriving from the work process

Made in Australia

The Ultrasafe™ 60 class II biological safety cabinets are designed and manufactured in our factory in Sydney, Australia to comply with Australian Standards. Manufacturing our products in Australia establishes a commitment that our products comply with Australian standards.

Support

From years of experience in the design and manufacture of safety cabinets in Australia, the new generation Ultrasafe™ series cabinets have been designed with the end user in mind. Simple to operate and encompassing safety and reliability this stylish new cabinet is supported by our nationally focused spare parts and service divisions located across Australia.



AES Environmental maintains an ISO 9001:2015 quality management system to ensure process and product conformance.

Product Specifications

	Part No.	Cabinet Dimensions			Workspace dimensions				Weight
		Height	Width	Depth	Opening height	Height	Width	Depth	
Ultrasafe™ 60 Front Exhaust	1687-6000/60F	1100mm	720mm	690mm	180mm	500mm	575mm	552mm	100kg

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In keeping with our policy of continuing product improvement, we reserve the right to alter specifications without notice.



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