



*LFCEDU Cabinet shown above with optional open-base work area*



*LFCEDU Cabinet shown with optional trolley stand and work tray*

**EMAIL  
AIRHANDLING**



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## LFC Cabinet

The LFC Series fume cabinet is a compact, recirculating fume cabinet that has been designed to provide operator safety and ease of use in laboratory applications. Capture of fumes is achieved by inward airflow at a velocity of  $> 0.5$  m/s and carbon filtration of exhaust air.

The upper housing contains the mains switch, low-airflow alarm, speed control and carbon filter.

Cabinets are supplied with an open base and can be positioned over an existing utility such as a sink or be placed directly on to a flat bench. The LFC cabinets are available in three widths; 600mm (LFC60), 900mm (LFC90). An optional work tray, manufactured from polypropylene, is available if containment of spills is required. A trolley stand is also available as an option across the LFC cabinet range.

The standard activated-carbon filter is suitable for use with a wide range of common laboratory fumes. Special-purpose carbon filters for specific applications are available to order.

**AES Environmental**

# Email Air Handling - Laboratory Fume Cabinet

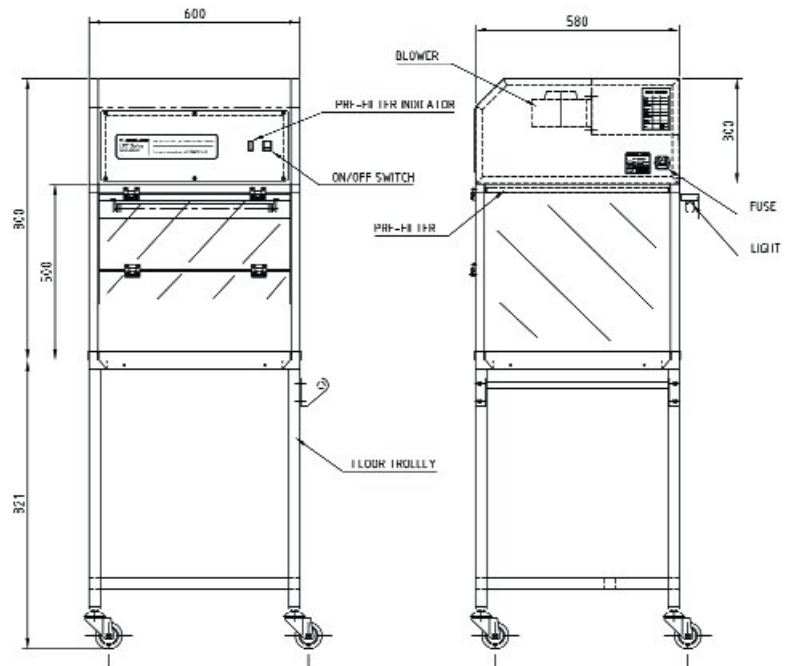
## Specifications

Construction	Baked enamel coated top module.
Colour	Grey
Windows	Clear Perspex
Spillage tray	Optional polypropylene
Fan	Centrifugal
Electrical Supply	240V, 50Hz
Controls	Mains power On/Off
Monitoring	Alarm for airflow and filter condition

Airflow m <sup>3</sup> /h	200
Face velocity m/s	> 0.5
Face velocity m/s	15 W
Carbon filter No. & mass LFC60	1 x 4 kg
Carbon filter No. & mass LFC900	2 x 4 kg
Noise level dB(A)	58

## Dimensions

Model	LFC60	LFC90	LFC120
Width	600mm	900mm	1200mm
Depth	580mm	580	580
Overall height	800mm	800	800
Working height	500mm	500	500
Work area	580 x 520	580 x 820	580 x 1120



## Testing and Maintenance

AES Environmental, a NATA-registered laboratory provides comprehensive on-site maintenance, testing and certification services for safety cabinets, laminar flow work stations, clean-rooms and HEPA filter installations. This service is available from fully- equipped laboratories in major Australian centres.

**Note:** Due to ongoing research & development, AES Environmental reserves the right to modify the product & specifications without notice.

## Addresses

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