

# LFC Series Recirculating Fume Cabinet



## Description

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.



*The upper housing*

*Optional open-base work area*



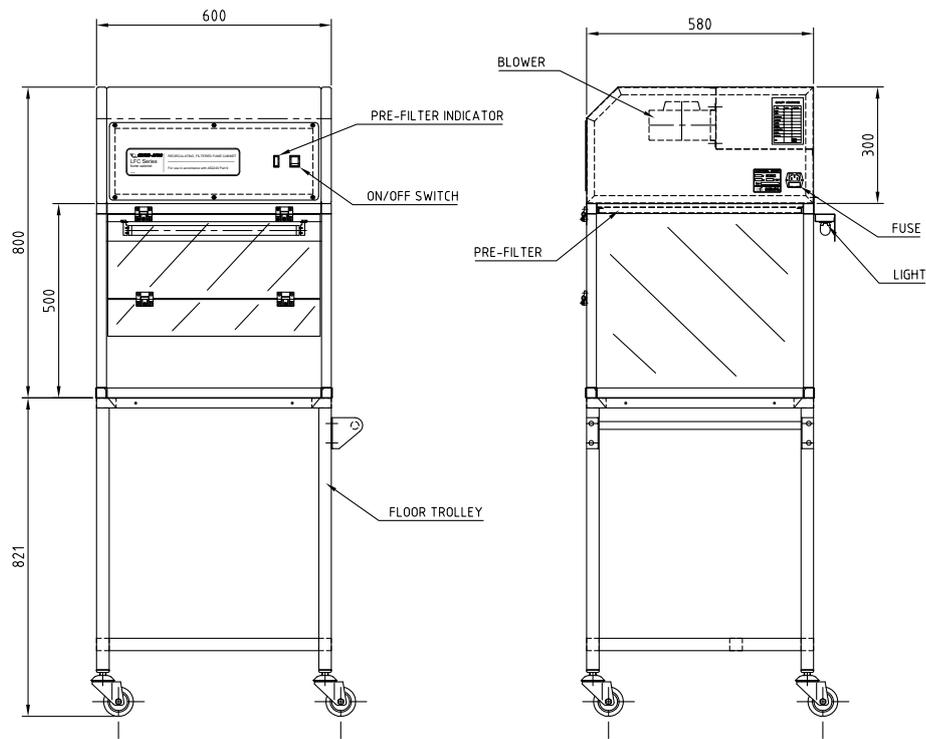
## Application

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) and 1200mm (LFC120).

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





## 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

**Carbon filter no. & mass LFC60** 1 x 4kg

**Carbon filter no. & mass LFC900 & LFC1200** 2 x 4kg

**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

## On-Site Testing

Cytotoxic drug safety cabinets are factory tested and certified by a NATA-Accredited laboratory. Additional testing and certification is recommended as follows:

- On site prior to use
- After maintenance
- After filter replacement
- After re-location
- At least annually
- In special circumstances, e.g. if faulty operation is suspected.



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

## Important note:

Specifiers and intending users should see AS2243.9, Clause 1.2 which sets out the intended applications and limitations of these cabinets.

## THE COMPANY

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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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