

Jeio Tech Ductless Fume Hood (DLH-11G)

Product Code: AAHB2012K

Brand: Jeio Tech

Jeio Tech's Ductless Fume Hood (DLH-11G) provides laboratories with a safe and energy-saving mobile workspace free from toxic vapours and fumes without the need of costly ductwork.

It comes with a high-quality polyester fibre pre-filter for trapping larger particles and increasing the life of the main HEPA filter. Their large-capacity blower maintains a sufficient intake flow rate and reduces noise (less than 50dB under normal operation).

This ductless fume hood's internal airflow speed can also be easily monitored with their built-in anemometer.

Features:

Performance:

- A variety of filters and work surfaces available to suit your specific experimental needs.
- High-quality polyester fibre pre-filter for trapping larger particles and increasing the life of the main HEPA filter.
- Large-capacity blower maintaining sufficient intake flow rate and reducing noise (less than 55dB under normal operation).
- Fluorescent light installed outside the workplace in order to prevent the airflow hindrance as well as the contamination while maintaining illumination intensity.

Convenience:

- Easy monitoring of the internal airflow speed thanks to built-in anemometer.
- Comfortable front access to cartridge type of filters for easy replacement.
- Built-in utility hole for easily routing the cords or wires of the equipment placed inside the hood.
- Fully or half openable front door for convenient transport of experimental apparatuses and equipment into or out of the workspace.

Standards Compliance:

- Efficiency and capacity of activated carbon filters: BS 7989:2001.
- Structure, electrical outlet, lighting, and sound level: BS 7258-1:1994.
- Local smoke, large volume visualisation, face velocity, and tracer gas: ANSI/ASHRAE 110-1995 and NF EN 14175-1.



Specifications:

Fume Hood Type		Ductless
Permissible Environmental Condition (°C)		Temperature: 5° to 40° Maximum Relative Humidity: 80% Altitude up to 2000m
Controller		Microprocessor control
Face Velocity		Initial Set Point: 0.4m/s, 80fpm
Air Flow Meter		Swing vane type
Main Filter		Chemical filter (optional 6 different filters)
Pre Filter		Washable high efficiency nylon filter
Material(s)	Main Body & Window (front/side)	2.0mm steel (epoxy powder-coated), 8mm/6mm thick acrylic resin
	Work Surface	Optional 6 different work surfaces
Fluorescent Light Intensity		> 600lux
Noise Level		55dB under normal operation
Dimensions (w x d x h)	Internal (mm)	1180 x 640 x 800mm
	External - without stand (mm)	1200 x 660 x 1250mm
	External - with stand (mm)	1200 x 660 x 1985mm
	Net Weight - body (kg)	118
	Net Weight - body and stand (kg)	140
Electrical Requirements (230V)		50Hz, 0.6A

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