

## Jeio Tech Ductless Fume Hood (DLH-01G)

**Product Code:** AAHB2002K

**Brand:** Jeio Tech

Jeio Tech's Ductless Fume Hood (DLH-01G) 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:

<b>Fume Hood Type</b>		Ductless
<b>Permissible Environmental Condition (°C)</b>		<b>Temperature:</b> 5° to 40° <b>Maximum Relative Humidity:</b> 80% Altitude up to 2000m
<b>Controller</b>		Microprocessor control
<b>Face Velocity</b>		<b>Initial Set Point:</b> 0.4m/s, 80fpm
<b>Air Flow Meter</b>		Swing vane type
<b>Main Filter</b>		Chemical filter (optional 6 different filters)
<b>Pre Filter</b>		Washable high efficiency nylon filter
<b>Material(s)</b>	<b>Main Body &amp; Window (front/side)</b>	2.0mm steel (epoxy powder-coated), 8mm/6mm thick acrylic resin
	<b>Work Surface</b>	Optional 6 different work surfaces
<b>Fluorescent Light Intensity</b>		> 600lux
<b>Noise Level</b>		55dB under normal operation
<b>Dimensions (w x d x h)</b>	<b>Internal (mm)</b>	880 x 640 x 800mm
	<b>External - without stand (mm)</b>	900 x 660 x 1250mm
	<b>External - with stand (mm)</b>	900 x 660 x 1985mm
	<b>Net Weight - body (kg)</b>	100
	<b>Net Weight - body and stand (kg)</b>	120
<b>Electrical Requirements (230V)</b>		50Hz, 0.6A

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