



# VERTICAL / HORIZONTAL LAMINAR FLOWHOOD

## Product Description

The P2M Laminar Flowhood is a self-contained system that provides an economical contamination controlled environment. It provides an ISO Class 5 (FS 209E Class 100) environment using HEPA filters to remove up to 99.99% of 0.3 $\mu$ m or larger particles.

The continuous flow of clean filtered air ensures that the work area defined within the clear acrylic side panels is constantly purged of any contaminants present.

The vertical laminar flow is selected when the equipment is tall and narrow. The horizontal laminar flow is chosen when the product or process must be the first in line with the clean air or when workers lean over work surfaces when carrying out the process.



## Features

- ISO 14644-1 Class 5 environment utilizing HEPA/ULPA filter
- Steel construction finished in corrosion-resistant polyester-epoxy coating
- Perforated diffuser screen protects the HEPA filter and maintains uniform airflow velocity within the work area
- Clean work zone environment created for optimum product protection.
- Custom-design to order
- Instrumentation as required



Wheel and Level Adjust



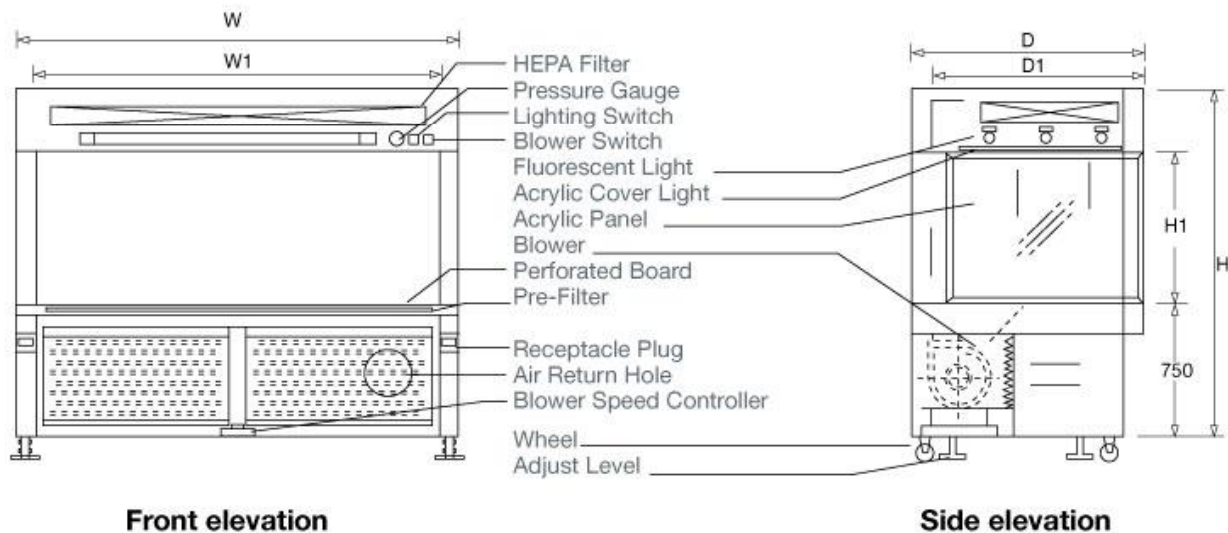
Pressure Gauge (optional)



Control Switches

# VERTICAL / HORIZONTAL LAMINAR FLOWHOOD

## VERTICAL LAMINAR FLOWHOOD



Front elevation

Side elevation

## Standard Technical Specifications

MODEL	P2M-VLFT-1
CLEANLINESS STANDARD	CLASS 100
CONSTRUCTION	ELECTROGALVANISED METAL SHEET
FINISHING	POWDER COATING
COLOUR	STANDARD WHITE
EXTERNAL DIMENSION W x D x H (MM.)	1400 x 800 x 2100
INTERNAL DIMENSION W1 x D1 x H1 (MM.)	1300 x 750 x 750
AIR VELOCITY (M/S)	0.45 M/S
LIGHT FIXTURE	FLUORESCENT 18 WATT x 2 PCS.
HEPA-FILTER SIZE (MM.)	610 x 1220 x 75
QTY.	1 PC.
EFFICIENCY	99.99% AT 0.3 UM.
PRE-FILTER	WASHABLE NON WOVEN POLYESTER
PRESSURE GAUGE	INCHES W.G.
ELECTRICAL POWER	AC 220 VOLT, 50 HZ, 1 PHASE
POWER CORD (MM.)	1000 (L)

Customized orders are most welcomed.

The following options are available:

1. 100% Stainless Steel
2. Pre-filter
3. Insect-net

W = External Width    W1 = Internal Width (Working Area Width)  
 D = External Depth    D1 = Internal Depth (Working Area Depth)  
 H = External Height    H1 = Internal Height (Working Area Height)



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