

Laminar Flow Hood

Size : 3 feet wide

Approx.ext dimensions (W x D x H): 1035 x 810 x 1400 mm

Approx. int work area space : 0.40-0.45 m²

Average airflow velocity: 0.4-0.5 m/s

Inflow : 250-260 cmh

ULPA filter typical efficiency :

>99.999% at 0.1 to 0.3 micron, ULPA as per IEST-RP-CC001.3 USA

>99.999% at MPPS, H14 as per EN 1822 EU

Sound emission:

NSF / ANSI 49 : < 56.6 dBA

EN 12469 : < 52.0 dBA

Fluorescent Lamp Intensity (Lux): 1200-1300 Lux

Fluorescent Lamp Intensity (ft-cd): 100-130 ft-cd

Main Body : 1.2 mm (0.05") 18 gauge electro-galvanized steel with oven-baked epoxy-polyester with antimicrobial powder coated finish

Work Zone: 1.5 mm (0.06") 16 gauge stainless steel, type 304, with 4B finish

Side Walls: UV absorbing tempered glass, 5 mm (0.2"), colorless and transparent

Electrical: 220-240V, AC, 50Hz, 1Ø

Cabinet Full Load Amps (FLA) : 3.5

Heat Load (BTU / Hr) : 447

Nominal Power Consumption (W) : 131

Net Weight: 160-180 Kgs

Standards Compliance:

For Cabinets : EN 12469, Europe, SANS12469, South Africa

For Air Quality : ISO 14644.1, Class 3 Worldwide

JIS B9920, Class 3, Japan

JIS BS5295, Class 3, Japan

For Filtration : EN-1822 (H14), Europe

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IEST-RP-CC001.3, USA

IEST-RP-CC007, USA

IEST-RP-CC034.1, USA

For Electrical Safety: IEC61010-1, Worldwide

EN-61010-1, Europe

UL-C-61010-1, USA

CAN/ CSA22.2, No.61010-1

Direct Mounted Electrical Outlet - Plug Code H

American Style Universal Service Fixture for Air/Gas/ Vacuum/Nitrogen

Terms & Conditions

Installation and training should be provided at the customer site. Installation requirement should be intimated in advance.

A list of users with full contact details (in India) of the proposed system should be provided.

A minimum of one year warranty, including one-year standard warranty is required.

Document on the market share of the company in India should be provided. Proof of authorization from the parent company to sell and service the equipment in India must be supplied by the vendor.