

Product Name :
Laminar Air Flow Unit

Product Code :
NAAY-M57



Description :

Laminar Air Flow Unit - VERTICAL : DELUXE MODEL

Body made of cold rolled sheet duly powder coated. Table made of S. S. 304, front door of clear acrylic, UV lamps will be Phillips/equal imported make. Other standard accessories such as Manometer, gas inlet, castor wheels, illumination, additional power point are included in the price.

Working Size

2 X 2 X 2

3 X 2 X 2

4 X 2 X 2

6 X 2 X 2

Laminar Air Flow Unit HORIZONTAL

Direction of flow: Horizontal

Cleanliness: CLASS 100

Velocity: 90 FPM +/- 20%

HEPA FILTER: Size and quantity will depend on the size selected

Particle retention: Above 0.3 micron

Blower Assembly: 1/3 HP, 1440 RPM

Noise level: 65 decibel +/- 5%

Rate of air flow: 0.40 to 0.75 M/Sec (90 FPM)

Vibration level: < 2.5 micron

HEPA FILTER :

Particle retention will be 0.3 micron at rated velocity, Pressure drop will be 23 mm WG, Efficiency 99.97%.

Protected with specially perforated SS grill at the downstream side.

PRE FILTER :

size will depend on the size selected. Particle retention down to 15 micron at rated velocity, Pressure drop 6 mm WG, Efficiency 90 % Protected with specially perforated SS grill.

BLOWER ASSEMBLY :

consists of a 1/4 HP, 1440 RPM, single phase Motor with double end shaft and a pair of aluminum centrifugal type impeller directly coupled on both ends of the motor & encased within an MS blower housing.

MATERIAL OF CONSTRUCTION :

The complete LAMINAR AIR FLOW BENCH will be fabricated by using Powder coated CRC sheet with square pipes. Front door made of 6 mm clear acrylic (polycarbonate at extra cost) with double folding facility. Working table will be of complete stainless steel. Ultra violet lamp of 3 feet 30 watts-Philips- Holland make will be provided.

STANDARD ACCESSORIES :

The equipment will be provided with 40 watt daylight lamps with diffusers, Gas cock, castor wheels, pressure differential manometer, additional 5 amps power point, side screens made of 6 mm clear acrylic.

Working Size :

2 X 2 X 2 / 3 X 2 X 2 / 4 X 2 X 2 / 6 X 2 X 2

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