



V-MAC ENGINEERS

All Manufactures & Suppliers of Pharmaceuticals SS Equipments



"V-are Give You Possibilities"
Quality is Excellence Everywhere





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INTRODUCTION

V-MAC ENGINEERS one of the leading manufacturing of Clean Room Equipment & Stainless Steel Furniture, Supplying solution to a diverse of industries that keep product, process, people and environment free from contamination.

V-MAC ENGINEERS offer conceptual study, Design, Supply, Installation Commissioning and Qualification / Validation of Following Products.

- Laminar Flow Unit (Horizontal, Vertical, Ceiling Suspended, Reverse)
- Dispensing / Sampling Booth
- Static / Dynamic Pass Box
- Stainless Steel Furniture (Exterior & Interior)
- Clean Room Equipment & Accessories
- Stainless Steel Stair Railing, Wall Guards, SS Clading
- Laboratory Furniture & Accessories
- Hospital Furniture
- Industrial Furniture (Cabinet, Lockers, Trolleys, Compactors, Etc.

As per relevant International Standards/GMP/GLP Norms Full line up of our products are designed and develops as per international standard such as ISO, IEST, ASHRAE, Etc. with advanced features and latest technology for the optimum performance hence guaranteed compliance to DQ, IQ, OP, PQ Regulatory Documentation protocol.

We request you to register V-MAC ENGINEERS in your approved list of suppliers for the above products and give us an opportunity to the pleasure of serving your esteemed Organization at an earliest. Assuring you our best and prompt services always.



QUALITY

We're committed to using the highest quality raw material with best available facility and techniques to give quality products to our clients. we truly believe in creating happiness through giving best quality to end



TECHNOLOGY

Our team is desperate to learn new technology and implement it in process of manufacturing. To give best Design a New Shape & a Quality end product



SERVICE

Stark assure our client to give service from the moment we get into business with our 24 x 7 email customer services support. our technical team will always be ready to give best service support.



ABOUT US

V-MAC ENGINEERS is the leading sheet metal fabrication unit in India. Craftsman of fabrication with an innovation culture is the hallmark of V-MAC ENGINEERS

V-MAC ENGINEERS other key thrust area are R&D, Latest Technology, Quality Control and Qualification Human Resources. V-MAC ENGINEERS has a crack team of engineers & Technicians who bring their core competence to the to accomplish a task from start to finish, leaving nothing to chance. V-MAC ENGINEERS has a pool of technical experts worked with many leading national and multinational corporation thus creating a rich and varied team of Engineers.

Our Production facilities offer accurate and automatic fabrication equipment along with a well Co-Ordinated work force of highly skilled technicians to give customized jobs to our client with best possible quality.

We are single source solution for sheet metal Fabrication, Clean Room Equipments, This makes us accountable to you as a single nodal agency.

As per relevant International Standards/GMP/GLP Norms Full line up of our products are designed and develops as per international standard such as ISO, IEST, ASHRAE, Etc. with advanced features and latest technology for the optimum performance hence guaranteed compliance to DQ, IQ, OP, PQ Regulatory Documentation protocol.

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PRODUCTS

LAMINAR FLOW UNITS

- HORIZONTAL LAMINAR FLOW UNITS
- CEILING SUSPENDED LAF UNIT
- VERTICAL LAMINAR AIR FLOW UNIT
- PORTABLE TROLLEY LAF UNITS
- TABLE TOP LAF UNITS
- REVERSE LAF UNIT

CLEAN ROOM EQUIPMENT

- STATIC / DYNAMIC PASS BOX
- AIR CURTAINS
- STATIC / DYNAMIC GARMENT CUBICAL
- DISPENSING / SAMPLING BOOTH
- AIR SHOWER
- FUME CUPBOARDS
- FUME HOODS

STRUCTURAL FABRICATION

- WALL GUARDS
- SS CLADDING
- STAIR RAILING
- PLATFORM FOR BOILER / TANK ETC.
- LADDERS
- Q.C./Q.A./MICRO SS FURNITURE

CHANGE ROOM EQUIPMENT

- SS APRON CABINET
- CROSS OVER BENCH
- GARMENT CABINET
- SHOE RACK
- LOCKERS (SHOE, GARMENT)
- DUSTBIN
- GLOW BOX
- WASH BASIN
- SS MIRROR

PHARMA / LAB ACCESSORIES

- SCOOP - HALF & FULL, SCORPION
- SOP STAND
- PETRY STAND
- SPATULA
- SCRAPER
- SAMPLERS - POWDER & LIQUID
- FIRST AID BOX
- UTILITY BOX
- TOOL BOX
- JAR MUG & CONTAINERS

PHARMA / LAB ACCESSORIES

- TROLLEYS - 2 TIER, 3 TIER
- MATERIAL MOVEMENT TROLLEY
- PLATFORM TROLLEY
- CAGE TROLLEY
- LINEN TROLLEY
- CANTEEN TABLES
- TABLE & STOOLS
- COMPACTORS (MANUAL & MECHANICAL)
- PALLETS
- BAINE MARIE
- RACK, LADDER, PLATFORMS
- CUSTOM DESIGNED FURNITURE
- PUBLIC BENCH - 3 SEATER & 4 SEATER
- CONTAINERS



STATIC PASS BOX



APPLICATION :

- o Pharmaceuticals Industries
- o Chemical Research Laboratories
- o Semiconductor Production
- o Electronic Industry
- o Food Processing Industry

STATIC PASS BOX

V-Mac Engineers presents its static pass box equipment, fabricated with powder coated 304 / 316 grades stainless steel and high quality components and are capable of eradicating pollutants completely from the air. These static pass boxes are installed in manufacturing areas and filter the incoming air in order to keep the air free from dust and other contaminants. With UV light along with hour meter, Fluorescent light, buzzer indicator to know the material is kept inside and indicating lamp, these static pass boxes provide excellent working performance in the clean room unit.

Product	Static Pass Box
Construction	Stainless Steel 304/316/316L
Door	Solid Door W/C Mechanical or Electrical Interlocked
Window	Tempered Glass
UV Light	Optional
Power Supply	220/230 Volte
Accessories	Hour Meter Magnehelic / Minihelic Pressure Gauge
Electricals	Digital Indicator, Fluorescent Light, UV Light, Electro Magnet for door interlocking, Buzzer and Indicator lamps
Cleanliness	Class - 100
Certifications	MOC, Filters, Blower Motor, UV Lamp, DQ, IQ and OQ.

DYNAMIC PASS BOX



APPLICATION :

- o Pharmaceuticals Industries
- o Chemical Research Laboratories
- o Semiconductor Production
- o Electronic Industry
- o Food Processing Industry

DYNAMIC PASS BOX

Dynamic Pass Box equipment are made of powder coated high grades stainless steel (304 / 316 / 316 L) with international quality standard components including mechanically or electrically interlocked doors and UV light. These dynamic pass box equipment are equipped with suction filter made of stainless steel with 95% down to 5 μ efficiency (EU-4 rating) and supply filter made of aluminum with 99.999% down to 0.001 μ (EU-14 Rating.) An interlock guard system controls the inlet and the outlet of PASS BOX not be opened at the same time, in order to prevent the cross contamination.

Product	Dynamic Pass Through Box
Construction	Stainless Steel 304/316/316L
Door	Solid Door W/C Mechanical or Electrical Interlocked
Window	Tempered Glass
UV Light	Optional
Hepa Filter	Optional
Suction Filter	Stainless Steel w/ 95% down to 5 μ Efficiency (EU-4 Rating.)
Supply Filter	Aluminum w/99.999% down to 0.001 μ (EU-14 Rating)
Blower	Branded Heavy Duty
Noise	<78
Power Supply	220/230 Volte
Accessories	Hour Meter Magnehelic / Minihelic Pressure Gauge
Electricals	Digital Indicator, Fluorescent Light, UV Light, Electro Magnet for door interlocking, Buzzer and Indicator lamps
Cleanliness	Class - 100
Certifications	MOC, Filters, Blower Motor, UV Lamp, DQ, IQ and OQ.



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DISPENSING / SAMPLING BOOTH

Equipment is Used for Dispensing of Powder and Chemical and to minimize the risk of Contaminating the work zone and ensure health safety for persone working with chemicals/powder. This Equipment is based on the recirculation of air. This ensure that the doud formed by the material dispensed is sucked in natural pattern of movement and arrested through pre-filters. The air is than supplied back at the work zone though HEPA, After the initial cycles, we achieve class 100 hazard proof laminar movement of air and handling of material.

GENERAL SPECIFICATION :

- Triple Stage Filtration (Pre, Intermediate, HEPA)
- Motor Blower from EBM-NADI, Nav Bharat Motor
- Double Skin side panels
- Coving Provided on all inside corners
- Dwyer make Differential pressure gauge
- Fluorescent lights with milky white diffuser
- Feather touch switch for on/off

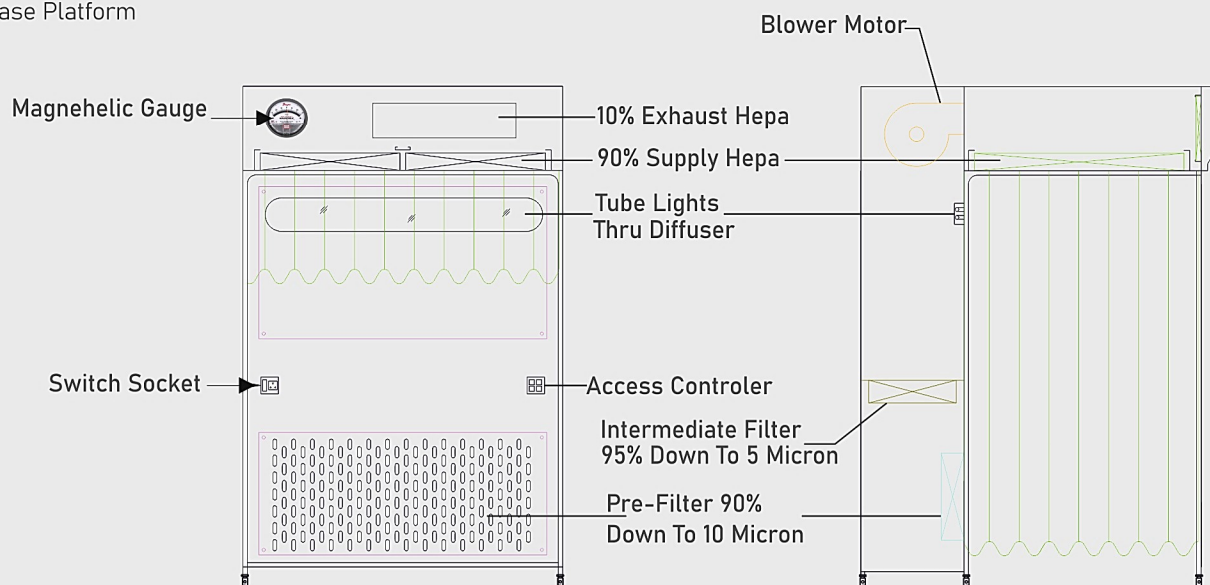
OPTIONAL FEATURES:

- Side panels with view Windows
- SS Perorated grill for HEPA Filter
- PVC Curtains
- Front Doors (Hinged Type)
- Sodium Vapour Lamp
- VFD Based Control Systems
- Audio Visual Alarm Indicating Condition of HEPA Filters
- Flame Proof Electrical Fitting
- Stand for Weighing Scale.
- Access Control Panel
- Flame Proof Motor Blower and Electrical Fitting
- 3 Magnehelic Gauge for Three Filtration Stages
- SS base Platform



APPLICATION :

- o Pharmaceuticals Industries
- o Chemical Research Laboratories
- o Semiconductor Production
- o Electronic Industry
- o Food Processing Industry



V-MAC ENGINEERS Dispensing Booth can be custom engineering to any size as per user's requirement.



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HORIZONTAL LAMINAR FLOW UNIT

V-MAC ENGINEERS Laminar Flow Unit Creates a particle free working environment by taking air through a filtration system and exhausting it across a work surface in a laminar or unidirectional air stream. Laminar flow unit are used in micro labs for testing and experimenting different chemical without contaminating with the worker and atmosphere.

Commonly, the filtration system comprises of a pre-filter and a HEPA Filter. Because the air within the cabinet dose not contain any airborne particle, it is also sterile.

The Laminar flow cabinet is usually enclosed on the side and kept under constant positive pressure in order to prevent the infiltration of contaminated room air.

GENERAL SPECIFICATION :

- Polycarbonate side Panels
- MOC: SS 304 Quality, Matt Finish
- Two Stage filtration (Pre, Hepa)
- EBM-NADI Blower with low electric consumption
- Fluorescent lightFF Switches
- DOP Test Port
- Air/Gas Cock

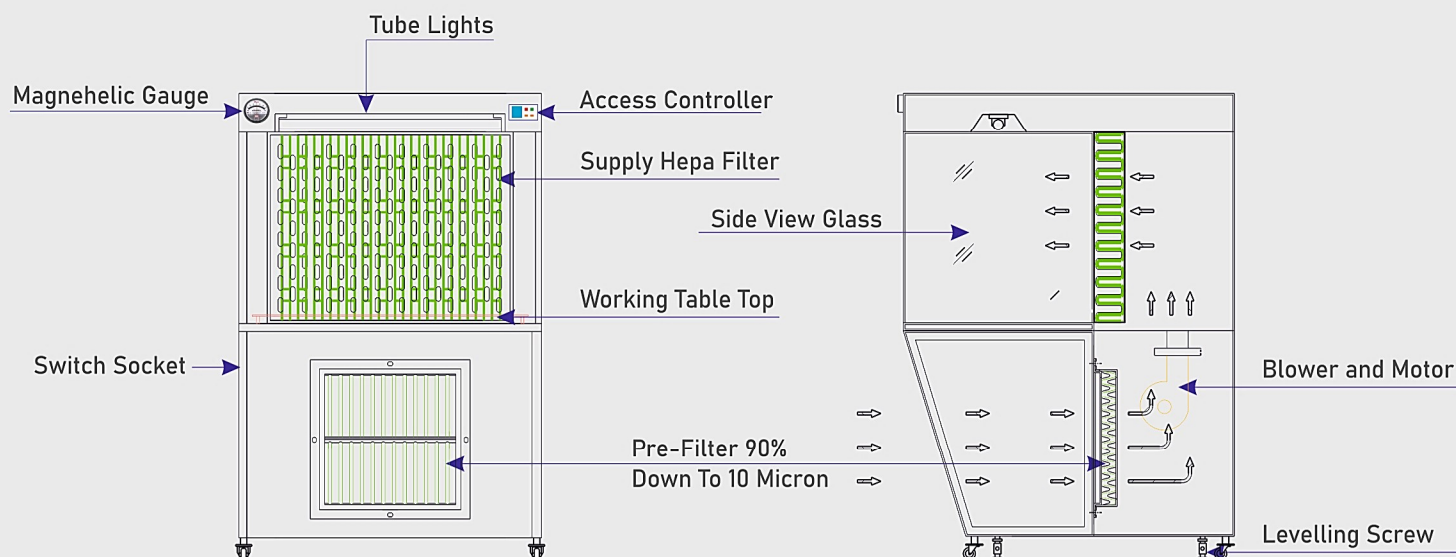
OPTIONAL FEATURES:

- Side panels of Toughened Glass
- Perforated grill for HEPA Filter
- Front Cover of Polycarbonate Sheet
- Flame Proof Electrical Fitting
- Air/Gas Cock
- Access Control Panel with LCD Display
- Available with SS 316 Table Top



APPLICATION :

- Pharmaceuticals Industries
- Chemical Research Laboratories
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VERTICAL / CEILING SUSPENDED LAF UNIT

With similar features as horizontal LAF, V-MAC ENGINEERS Vertical or Ceiling Suspended LAF Unit throw laminar air on the working area from the top i.e. vertically. The main usage of these units can be seen in operation theatres and injectable plants. Units consists of blower / motor assembly and filter assembly. it aids controlling ingress of particulate contaminants into clean room & between different classified areas.

It provides constant positive pressure on the working area in order to prevent the infiltration of contaminated room air.

Commonly, the filtration system comprises of a pre-filter and a HEPA filter. Because the air within the cabinet does not contain any airborne particle, it is also sterile.

GENERAL SPECIFICATION :

- MOC: SS 304 Quality, Matt Finish
- Two Stage filtration (Pre, Hepa)
- EBM-NADI Blower with low electric consumption
- Fluorescent light
- DWYER make Differential Pressure gauge
- Feather touch ON/OFF Switches
- DOP Test Port
- Air/Gas Cock

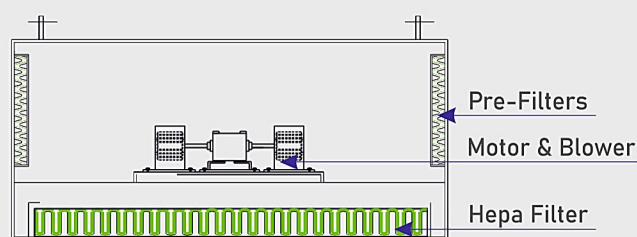
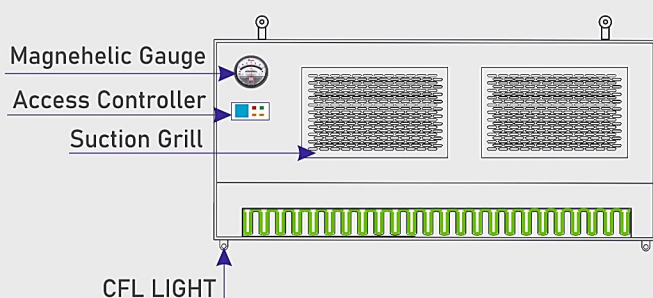
OPTIONAL FEATURES:

- Side panels of Acrylic sheet / PVC Curtains
- Perforated grill for HEPA Filter
- Flame Proof Electrical Fitting
- Access Control Panel with LCD Display
- Suspension rods with fasteners for ceiling mounted



APPLICATION :

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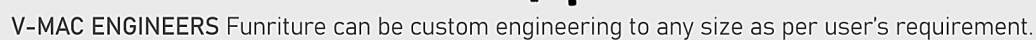


V-MAC ENGINEERS LAF can be custom engineering to any size as per user's requirement.

All our products are globally acclaimed for their excellent features such as durability, Unique design an smooth operation. A well laid infra structural set up with latest technological advancement has enable us to meet the voluminous demands of customers across the globe. we have a team of skilled professionals with ample industrial experience who carry out the whole manufacturing process.

We manufacture our product and equipment by keeping in mind the changing demands of the market. Our optimum quality products have diverse application area Some of them are:

- Pharmaceuticals
- Hospital
- Industrial
- Food Storage and Supply
- Material Handling
- Biotech
- Hotel
- Kitchen





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SAMPLING / LAB ACCESSORIES

V-MAC ENGINEERS is Manufacturer & Supplier of Sampling equipment and accessories are mainly used in pharmaceutical, chemical, food and cosmetic industries.

We have built our reputation on supplying high quality equipment and giving excellent customer services.



Rang of Sampling Accessories Include:

- Powder Sampling Rod
- Liquid Sampling Rod
- Measuring Jar
- Open Scoop
- Closed Scoop
- Spatula
- Scorpion Scoop
- Funnels
- Spoons
- Knives
- Pots with Lids
- Bowls
- Sieves



V-MAC ENGINEERS Furniture can be custom engineering to any size as per user's requirement.



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Our Assignment

- PHARMACEUTICAL FORMULATIONS
- CHEMICALS
- API
- COSMETICS
- FOOD AND DRUG
- HERBAL
- TESTING AND RESEARCH LABORATORIES

Our Client List

- Baxter India Pvt Ltd. - Gurgoan
- Indoco Remedies Ltd - Goa
- Merck Ltd. - Goa
- Zydus Cadila Healthcare Ltd. - Goa
- IPCA Laboratories Ltd. - Dadara
- Alkem Laboratories Ltd. - Vapi
- Shreya Lifesciences Ltd. - Roorkee
- Embio Ltd. - Mahad
- Bharat Parentals Limited - Vadodara
- Amoli Organics Ltd. - Vadodara

Our Destination

Corporate Office:

C-306, Krishna Prime, Nr. Uma-Amar Party Plot, T.P. -13,
Chhani Jakat Naka, Vadodara - 390024, Gujarat, India,

Unit - I:

992/2/6, Nr. Gaytri Ice-Factory, Behind Makarpura Depo,
G.I.D.C., Industrial Estate, Makarpura, Vadodar - 390010, Gujarat, India

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