



PAWAN BIOSCIENTIFIC ENGINEERING SERVICES (PBES)

Kathmandu Nepal 9851246174,9841464697,01-4102553,email:-pawanbioscientific@gmail.com,website:-www.pbesnepal.com

Regd. No. 17782/833/074/075
NEC Regd. No. '604' E&C

HEPA FILTER SYSTEM

We have 16 yrs experience for Installing HEPA Filtration Systems in Hospitals and Medical Facilities, Manufacturing Facilities, Clean Rooms, Microbiology labs, Operation Theatre of Hospitals , Clean air Biosafety Room , Culture Room, Hospital Isolation Ward, IVF Lab, Biotechnology Lab , Vaccine Production and Processing Lab ,Packaging Room , Agriculture Clean air Room etc.

HEPA filtration is almost 99.99% of effective at removing airborne contaminants of 0.3 microns or larger, including dust, pollen, fibers, bacteria, viruses, fungi, tiny contaminants that can get into the air and cause disease and discomfort. HEPA filtration systems can also remove many airborne contaminants that are smaller than 0.3 microns with 99.99% efficiency with H13 and H14 class of Hepa Filtration System.

1) New Hepa Filtration System Design, Supply and Installation :- +Ve / -Ve air flow System Design for various hospital isolation ward ,operation theaters , clean rooms ,microbiology, bacteriology, virology labs



2) Hepa Filter Replacement and Validation Services:-

- a) Laminar Airflow Hepa Filter replacement:- H13 99.97% Efficiency, H14 99.99% Efficiency
- b) Clean Air Bench:- H13 (99.97% Efficiency), H14(99.99% Efficiency)
- c) Biosafety Cabinet Class II Types :- A1 ,A2, B1, B2, C: Main and Exhaust Hepa Filter H13 & H14 99.99% Efficiency
- d) Clean Air Room +Ve and -Ve air flow hepa filter :- H13 99.97% Efficiency, H14 99.99% Efficiency

3) Hepa Filter Test and Validation Services:-

- a) Air inflow Velocity / Down flow Velocity / Hepa filter Particle Counter Test / Smoke pattern test of airflow / ISO Classification of Clean air System / Some Special test HEPA Integrity test (Optional) etc.

Note:-

- 1) We have 16 yrs experience for Hepa Filter system design and installation.
- 2) Trained engineer from **Hitachi Japan Virology Lab / Accumax India Delhi / Biobase China / Memmert Germany / Aero Biotechincs Delhi (as per ISO 14644/ NSF49 Biosafety Guidelines)**
- 3) Calibration and Validation Certificate will be provided with one year validity.
- 4) Certified and Calibrated Validation Instruments from International Labs as per WHO /ISO14644 / NSF49 Biosafety Guidelines.

Hospital Hepa Filter System Unit/Covid 19 – Readymade Unit From Manufacturer India. (-VE PRESSURE/+VE PRESSURE/UNIVERSAL TYPE)

1 set

FINAL COST WITH INSTALLATION

Model:- ABT-NEGHEPAUV-36*26

- a) Hepa Filter H14 ,99.995% efficiency-1pc
- b) Pre filter efficiency EU4/MERV 8 (5 micron) -1 pc
- c) Fine filter Efficiency -95%
- d) Centrifugal Pump 1000 cfm-1pc
- e) Mild Steel Powder Coated Readymade Housing -1pc
- f) Base Wheel with Lock-yes
- g) Airflow Controller-2pc
- h) UV Germicidal Sterilization lamp Inbuilt- 2 pc
- i) Aluminum Readymade flexible duct from manufacturer – 2 pc
- j) Automatic Servo Voltage Stabilizer 500VA,220v-1pc
- k) Installation with Electrical Wiring-1 time
- l) AC Power 220v ,500 VA max.
- m) Certification and Validation Charges-1 time



FOR BIG ROOM SIZE :- 12*12 or 15*15/ max 200 sq ft

Note:-

- 1) **50% Payment in advance for order confirmation.**
- 2) 50 % payment after completion of work .
- 3) Vat bill will be provided and 13% vat will be extra
- 4) One year Service Warranty on Hepa Filter, Centrifugal Pump.
- 5) Air conditioner /False Ceiling /Partition of room/GI Ducting/SS Ducting/Painting/ Construction cost etc is not included on quotation and will be charged extra as per actual or should be arranged by customer.

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