

# EVERY FILTER IS CREATED TO PERFECTION !

**EXCELAIR**

**Air Filters**



## HEPA HV

Excelair HEPA HV Filters are high efficiency particulate arresting air filters made up of micro fine glass fiber media which can arrest particles as small of size 0.3µ. These filters are engineered and constructed for providing ultra-clean air, to protect cleanrooms in Pharmaceutical companies, Hospitals & Manufacturing Industries. (Picture 1)

## PTFE

Excelair has a new generation PTFE media in HEPA ( V - Bank ) to meet the industry standards of H13 to H14 filter class ( En 1822 ) due to slip flow phenomenon it has initial pressure resistance of almost 30-50% lower than the glass fiber media thus can be used in hostile environments. (Picture 2)



## METALLIC

High velocity permanent washable filter with multi layers of fine mesh with pleated and flat form reinforced with expanded metal support. Suitable for oil/grease/operation machine chip removals. (Picture 4)



## PLEAT CDPSC

Excelair Pleat CDPSC Filters are disposable type Pleated Panels which offers extended surface filtration. The Excelair Pleat filters are available in various efficiencies ranging from 20% to 60% (Ave. Dust Spot Efficiency). These filters are best suitable pre-filter for Hospitals, Pharmaceuticals, Food processing units etc. (Picture 3)

## UVDI

Indoor Air Quality (IAQ) directly affects our wellbeing, productivity and happiness, whether at school, work or during our leisure time. Healthy IAQ is essential as we may spend more than 90% of our time indoors.

A simple, yet very effective way to improve building IAQ is through the application of ultraviolet (UV) light technology. This energy efficient technology is a well proven solution for removing pollutants associated with poor indoor air quality such as bacteria, viruses, mold, VOCs (volatile organic compounds), and strong odors.

HVAC filters are designed to only capture particles but do not destroy the DNA of the microorganisms. Once captured, they can grow and thrive on the filter material. No other application is as effective as UV for the destruction of bacteria, viruses, and mold. These microorganisms profoundly impact HVAC system performance and building occupant safety and health.

## V-Cell FG

Excelair V- Cell Filters ( Fiber glass & Synthetic ), made up of micro-fine glass fiber media are available in wide range of efficiencies from F6 to F9. Excelair V-Cell FGs are available in high burst resistance, low pressure drop and high dust holding capacity for extreme operating conditions. The compact design, larger surface area and low initial resistance made it an Ideal alternative to ordinary Bag filters & Box type filters of the similar efficiencies (Picture 5)

## CLEANROOM MODULES

Excelair Filters and Excelair Cleanroom Filter Modules are engineered and constructed for providing ultra clean air, to protect Clean rooms, Pharmaceutical companies, Hospitals, Manufacturing industries. Individually tested with Automated Test rig as per EN779 & EN1822 standards and supplied with test certificates. Filters are engineered and constructed for providing ultra clean air, to protect clean rooms, pharmaceutical companies, hospitals, manufacturing industries.

## ESP

Electrostatic precipitators (ESP) or electrostatic air cleaners are particulate collection devices which use electrostatic forces to separate particulate matter (PM) from exhaust air. Electrostatic precipitators (ESP) are highly efficient and can remove dust and smoke from the air stream by minimally interfering with the airflow.

EXCELAIR EP Series is ideal for the removal of grease and smoke from commercial cooking applications, as well as smoke, fumes, and oil/coolant mist from industrial processes. (Picture 6)





### HEPA GEL SEAL

Excelair HEPA Gel Seal filter (extruded aluminum profile and anodized finish) meet the industry standards of H13 / H14 / U15 filter class. With Gel Seal technology there are no chances of leakages. Each filter is individually leak scan tested to make sure it is suitable for cleanroom applications especially OTs, pharmaceuticals, semiconductor process, biotechnology, production facilities etc. (Picture 7)



### POLY FIBER CPIR

Industrial robust pleated filters with high progressive dense washable polyfiber media for high velocity HVAC/AHU, coarse particle filter application. It is available in different sizes. (Picture 9)

### ULTRAPAC BAG

Excelair ULTRA-PAC utilizes a 100% synthetic filter media having high tensile strength developed through meltblown process. This media has an advantage of being heat sealed, thus avoiding any pin holes that are found in most conventional bag filters. The high quality media ensures long filtration service life and high dust holding capacities. (Picture 8)

### HEPA SC

Excelair HEPA SC Filters are high efficiency particulate arresting air filters made up of micro fine glass fiber media which can arrest particles as small of size 0.3µ. These filters are engineered and constructed for providing ultra-clean air, to protect cleanrooms in Pharmaceutical companies, Hospitals & Manufacturing Industries. (Picture 12)



### MINI PLEAT HEPA

Excelair HEPA MP Filters are high efficiency particulate arresting air filters designed to meet critical filtration requirements in sensitive areas like Hospitals and other clean room applications. Excelair HEPA MP Filters are made up of micro fine glass fiber media which can arrest particles as small of size 0.3µ. These absolute filters are available in 99.99% & 99.999% @ 0.3 micron. (Picture 10)



### CARBON CCRV

Excelair Carbon CCRV Filters, utilizes a micro-granulate adsorbant particle embedded in dual layer filter media, close mini pleated and bonded to a rigid V shaped frame construction. The high activity rate made CCRV model filters are the right choice for HVAC and micro-electronics applications. The filter frame has a 25 mm / 20 mm peripheral header which allows easy installation in side or front mounting and withdrawal frames. CCRV model carbon filters are available in standard sizes. (Picture 11)



### EXCELAIR QCENTRE TESTING & VALIDATION

CMS offers clean room validation services to ensure that your controlled environment is complying to the specifications according to national and international standards. CMS aims to be a leading edge of validation technology compliance services. With our experiences as a supply source of Excelair Air Filtration Products over a decade, we are now ready to offer extreme degree of testing and validation services in the region.

Products from



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