

# **AirOK Breathe Safe Masks**

# What AirOK Offers?

AirOK Breathe safe is a Made in India product with a detailed research on facial fits and efficiency of filtration with a combination of different fabrics to achieve a complete protection. It offers a wide range of masks [N95/N99/KN95] that has a great solution for all individuals and companies that invest in their employee's protection against these contagious viruses. The mask offers 5 layered protection with a complete face fit without any leakage of aerosols. It is water repellent, Reusable (up to 60-80 hrs.) and an anti-microbial filter which is been infused with our patented EGAPA technology.

## How efficient is AirOK Breathe safe is?

The main fabric involves two components, spun bond polypropylene and melt blown polypropylene which allows the combination into one non-woven web. Due to the smaller fibres and larger surface area taken up by the fibres, it has excellent wicking and barrier properties. So together, they can create a strong product which can also offer a barrier to fluids and particles. The additional EGAPA carbon infused layer enhances the anti-microbial property of the masks ensuring that you breathe clean air.

# What is EGAPA Infused Fabric?

Our patented technology EGAPA has been infused into the fabric making it an anti-microbial layer, enhancing the filtration efficiency. The specially designed fabric ensures the BFE 99.9% making it one of the finest masks supplied across.

### Effective against ultrafine particles

Ultrafine particles are smaller than 0.1 microns, make up about 90% of all airborne particles, and have been linked to cross contamination during these pandemics. AirOK Breathe Safe filtration is proven and certified with NIOSH N95 criteria for filter efficiency 95% of all ultrafine particles (Equivalent of FFP2 EN 149:2009).

## Perfectly Sealed and Smart.

We use EGAPA respiration technology to filter, ultrafine particles (UFPs), and fluid droplets from leakage, with specially designed air leakage protection, multi-layer filter media for particles of all sizes, and moisture free surfaces. It was perfect fit on to a face of any age group ensuring there is no leakage of any fluid aerosols and protecting from the one flowing in the Air.

## All-day protection

AirOK face mask is proven to filter particles the same size as the flu virus as well as other harmful airborne viruses and bacteria. With this Mask, you are shielding your body from the pandemic viruses and all Air borne pollutants. A fine fabric makes sures you breathe comfortable using it round the clock.

## **Technical Specifications**

- ► N95/N99 grade
- Soft handle, good drapeability and Excellent moisture resistance
- ▶ BFE 99.9%
- NABL, NIOSH, CE, GMP, ISO, FDA certified
- Layer-1 Spun bond Polypropylene filters up coarse particles and Fluid Droplets
- Layer-2 EGAPA infused Filter media- Acts as anti-microbial layer
- Layer-3 N95 Filter Media- Filters particulates up to 0.3 microns
- Layer-4 Filter Paper Prevents from leakage of droplets.
- Layer-5 PP-Non-Woven-Absorbs unwanted moisture.



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# **AirOK Natural Air purifiers**

## Why AirOK?

AirOK Natural Air Purifiers are made of activated charcoal which helps you to avoid spraying unpleasant chemicals around your workspaces. All these chemicals do is mask the bad smells. The charcoal considered has a high surface area with mini, micro and meso pores.

## Why is surface area important?

Surface area is important because increased surface area means that the activated charcoal can adsorb more gas particles. On average, 1 g of activated charcoal has approximately 1000 square meters of surface area. Unpleasant odours are made up of gas particles; when we remove those particles the air in our home/offices/washrooms becomes much fresher.

## How does Activated charcoal capture odours?

This is a complex chemical process, but it can be compared to a vacuum cleaner. Just as a vacuum sucks up the dust, activated charcoal filter sucks odours from the air that passes through AirOK's efficient filters. The odours then become attached to the carbons pores and are trapped inside the filters, just like the dust in the vacuum cleaner bag. Through their innovative design, AirOK has made sure that the air passing through the activated charcoal is exposed to as much surface area as possible. More Surface area means more door capture.

### How to use?

Place the bag where you feel odours are the most concern place and start feeling the difference in a span of 2-3 hours.

Pro Tip: Place the bag somewhere the air flows over it.

#### Where all can be used?

Wardrobes, Closets, Gym bags, Shoe racks, Shoes, Restrooms, pet houses, Refrigerators & any closed spaces.

#### What all it can remove?

- Odours
- Mould
- Moisture
- Allergens
- ► Toxic gaseous.

#### How to Re-Use it?

With simple maintenance the AirOK Bags are reusable for up two years. This brings your total cost to maintain a fresh, dry and No odour to a penny a day.

Once a week, place your AirOK Bag outside in sun light. The UV rays from the sun will clear out the pores of the charcoal and make it re active again for better performances.

#### How to Recycle?

After two years the charcoal Bag can be added to your garden! Simply cut open the Bag and sprinkle the charcoal into the soil, where it helps plants absorb moisture and nutrients. This completes its life cycle as a product that comes from the earth and ultimately gives back to the earth. Activated Charcoal acts as good soil conditioner.



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# **Air Ok Pollution Seizure**

# What's Pollution Seizure?

Team Air Ok has designed and developed a high performing air pollution control equipment which can capture Fine dust particles, Toxic gases, SOx & NOx contaminants at urban hotspots using its unique filtration process under ambient Air conditions. This pollution control technology is known as pollution Seizure

# What is the difference between Air Purifier and Pollution seizure?

If we were to say the term, "air purifier," what words immediately spring to mind? The likely responses are things like "HEPA," "humidifier," "allergies," and "asthma.", Overall, we tend to think of air purifiers as clinical devices, brought in to alleviate sickness or discomfort. On rarer occasion, we might imagine hulking appliances filtering contaminated air in labs, factories, and hospitals.

# Pollution Seizure is designed in considering the following factors across the year

- Wind speed
- Wind Direction
- Temperatures
- Humidity
- Air pressure
- Air quality

Considering all these conditions these Ambient Air purifier is designed to control the concentrations of Particulate pollutants, toxic gases and many more Air contaminants.

## How does it work?

These devices have an turbo machinery which has a capability to deliver the large volumes of pure air where in the air pathway, specially designed set hallow cylindrical candle filters are present. These candle filters are made of combination of hybrid cyclone to collect fine dust particles and an electro chemical media to trap dangerous metallic particles made of lead, mercury etc. This media also has special properties to absorb criteria gaseous pollutants which are present in the ambient atmosphere. This continuous delivery of pure air when happens with a network of these units makes the surrounding area pollution free.

## How Effective is this Device?

This device comes with solar panel for self-supportive power generation along with power input. Using traditional way of separating coarse particles as a preliminary treatment of Air makes this unique structure more efficient. The pre-treated Air is flowed through ionized chamber as secondary stage of purification.

The final stage of filtration will be handles by unique filter designed and developed by Air Ok under the filter series named EGAPA Air filters.

The Above designed Pollution Seizure is totally weatherproof, considering all the atmospheric parameters this device lets to breathe clean Air round the clock.



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# **AirOK Technologies**

Founded by the team of IIT Madras graduates we at AirOK believe in clean air is a necessity for every individual. As our progress in day to day life we have been unaware of how polluted our surroundings have been.

Bringing together all our expertise we have designed and developed a novel patented air filter that can remove all the air pollutants in an indoor and ambient environment. The designed filter is affordable, long-lasting, and costs three folds less than existing commercial air filters available in the market thereby resulting in lower maintenance costs. AirOK air purifiers are smart and User friendly. It comes with many other features that you would love.

We have been helping most of our clients with a customized Air filtration solution as per their requirements.

## **EGAPA Air Filters**

Air quality plays a major role when it comes to workspace productivity. The EGAPA filters help in the maintenance of better air quality by removing up to 99.7% of the harmful indoor air pollutants. They have high performance filtration rates with a longer life. EGAPA comes with a range of filters to cater different indoor spaces.

### EGAPA Particulate/Smoke Stop

Fine Pleated filter to trap respirable particles, air borne contaminants, pollen, spores, pet dander etc. Precise machine-folded corners reduce air resistance. A carefully calibrated intervals for even airflow make it perfect filter for your home. A unique combination of EPA and Activated charcoal makes it efficient towards VOC's, Formaldehyde, Odours.

#### EGAPA Microbes

Suitable for hospitals/healthcare units that nurses' outpatients. It not only traps the harmful bacteria but also kills them and it also serves as a good replacement for the expensive laminar flow system opted by most of the corporate hospitals.

## EGAPA Comfort

The only filter capable of reducing CO2 levels in workspaces making them livelier. AirOK makes sure the air you breathe is clean and fresh round the clock. We promise you to enhance your work experience in the presence of AirOK Vistar series Air purifiers.

#### **EGAPA** Comprehensive

A revolutionary combination of efficacy and performance makes it one of the finest filters in the market. It offers a complete indoor air quality solution by taking care of removing each pollutant at highest level of efficiency.

#### **EGAPA Fumes**

The filter is designed to remove contaminants and other sources of air pollution and thus eliminates the downtime by removing the corrosive gases through the process of adsorption and chemisorption. The principle of Air filtration is simple the contaminated air passes through the pre-filter which retains dust and particles. The chemical media (the combination of impregnated activated carbon) destroys remaining gaseous contaminants.



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# How Bacteria and Viruses are killed using EGAPA

- EGAPA Air filters are typically modified activated carbon with chemical impregnation to enhance the filtration efficiency.
- In Impregnation processes we used to modify the surface structure and chemical properties of Activated carbon using different chemicals.
- Chemisorption is a type of adsorption that involves a chemical reaction between the surface and the adsorbate. New chemical bonds are generated at the adsorbent surface. Chemisorption occurs when molecules of a volatile pollutant chemically react with the adsorbent's surface to form non-volatile products.
- > This adsorption method was applied to reduce airborne microorganisms and many other toxic gases.
- The GAC (Granular Activated Carbon) itself had a maximum adsorption capacity of 2217 CFU/g for airborne bacteria and 225 CFU/g for fungi.
- Most of these particle sizes of 0.65-4.7 micron. Those airborne microorganisms with small particle size was apt to be adsorbed by allowing the Air on to the filters by using blowers.
- Relationships between GAC surface characteristics and its adsorption performance demonstrated that porous structure, large surface area, and hydrophobicity rendered
- GAC an effective absorber of airborne microorganisms.
- The captured bacterial contaminants will be killed by oxidation process. The cell wall of bacteria will be ruptured followed by not letting it to multiply will lets he bacteria to be killed.
- Adding to this we are coming up with UV infused EGAPA filters where the filtered Air is forced on to the source of UV where the pathogens which aren't captured inside the filter due its smaller size will be killed after the exposure to this UVGI.
- These virions which are creating a panic across are spherical particles with diameters of approximately 0.125 microns. The smallest particles are 0.06 microns, and the largest are 0.14 microns.
- Studies have shown that it can be used against other coronaviruses, such as SARS. The radiation warps the structure of their genetic material and prevents the viral particles from making more copies of themselves.



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# COVID-19

### How efficient are Air Ok Air filters to stop the admit of COVID-19 within house/offices?

EGAPA is a first of its kind air filter which not only captures microbial contaminants and kills it. The considered filter is made up of a unique composure of material with a complete patented technology. The structural size of the granules considered have higher pore size making it more effective in-terms of efficiency and performance. We are coming up with UV infused EGAPA filter series for houses and office spaces to cope up with this COVID-19. Considering the size and cell structure of these corona viruses Air Ok is coming up with this UV infused EGAPA filters which helps in not only reducing the concentrations of bacterial, particulate and toxic gases, it also ensures in killing these corona viruses inside the houses/ office environments.

## Can we suggest people to use Air Ok filters for corona wards at homes and RWA's?

Yes. UVGI we use have the "destructive properties" of UV light to target pathogens. It is thus considered effective in disinfecting the air and helps in preventing certain infectious diseases from spreading.

To elaborate, UVGI replicates UV wavelengths that disinfects contaminated spaces. UVGI relies on air circulation in a room, which means the circulation of air needs to be such that air in the room should flow onto the light source which lets the UVGI to trap the pathogen and kills it. Air Ok Air purifiers forces the Air inside the room into the Air purifier and the Air will be pushed out through outlets of these purifiers where the UVGI light ensures all the pathogens are trapped and killed, ensuring you in safer space.

## What makes Air Ok Best compared to other Brands?

With a ground reality research of 3 years in Air quality to develop a new technology which can not only reduce the particulate pollutants can also control all the indoor Air contaminants. Air Ok has a designated Research and development team which works only on-Air filters in different environments. As we know Air quality varies from place to place. Considering the client needs we will be customizing the filters based on their Air quality across their workspace.

General Air contaminants in households will be particulate pollutants, Cooking fumes, Pollen, Pet dander and TVOC's. The same way in office spaces the contaminants will be Carbon Dioxide, Carbon Monoxide, Particulate pollutants, TVOC's, Formaldehyde.

## Can Air Ok Air filters can be used in centralized Air systems?

Yes, currently the research work is going on for the centralized Air control systems. As we know most of the HVAC systems, we come across uses MERV-9, MERV-13, HEPA filters, we are planning to impregnate our EGAPA UV filters into the flow systems. But considering the reality as we know covid is not an Air borne but can be travelled through Air due to its cell structure and size these viruses are tend to settles on to the surfaces, We are working on process of removal of surface contaminants with EGAPA UV filters or through surface sterilization process

#### Filters suggested?

UV infused EGAPA Air filters are suggested for office and commercial spaces considering the crowd gathering from different parts of city. These filters help to remove the cross contamination happened through Air.



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# **EGAPA Comfort**

The quality of air inside a building depends on the concentrations of contaminants - such as gases and particles - and how much fresh air is brought into the building through its ventilation system to diluted and remove these pollutants.

The CO2 concentration in an occupied indoor space indicates if the building's air exchange balance is appropriate - that is, if the optimal amount of outside air is being mixed with air that has been circulating in the building.

The developed air purifiers are designed by modelling the dispersion of Indoor air pollutants considering the air flow dynamics and energy efficiency. Unlike the conventional air filters, the novel air filter developed to reduce the concentrations of CO2 levels in indoor to make it a better space to work by enhancing your work experience.

# How much CO2 is too much?

Current ventilation guidelines, such as those from the American Society of Heating Refrigerating, and Air Conditioning Engineers (ASHRAE), recommend that indoor CO2 levels not exceed the local outdoor concentration by more than about 650 ppm. Good practice indicates that the ASHRAE Standard 62.1 target CO2 level in indoor air is about 1030 ppm

It is important to adhere to these guidelines. The performance of individuals in schools and offices with elevated CO2 concentrations can be affected because occupants may become lethargic and drowsy. Additionally, as CO2 builds up, so do other indoor air contaminants, which increases occupants' exposures to irritating, distracting and potentially unhealthy gases and particulates.

## How do we work out on it?

## Ventilation Rate Measurements

The total ventilation rate includes infiltration through the building envelope as well as outdoor air flow through the ventilation system, it can usually be measured only by tracer gas methods. In buildings without air recirculation, the ventilation rate can also be determined with reasonable accuracy by measuring supply or exhaust air flow rates. The choice between supply and exhaust flow rate measurements should be based on the indoor air pressure relative to that outdoors.

If return air is mixed with outdoor air and recirculated back to the rooms, the supply flow rate must be multiplied by the proportion of outdoor air in the supply air stream which is measured by a tracer gas procedure or estimated from CO2 measurements in the return air, outdoor air, and mixed air. Ventilation rates are also inferred from carbon dioxide measurements. Occupants generate carbon dioxide, causing indoor carbon dioxide concentrations to exceed outdoor concentrations.

The ventilation rate can be estimated if the carbon dioxide source strength and the concentrations of supply air and room air are known (ventilation is the only significant process for carbon dioxide removal). Indoor and outdoor CO2 concentrations are measured, and the indoor CO2 source strength is based on the number of occupants in a building and an estimate of their CO2 production.

Based on the concentrations of CO2 from Ventilation rates and Air quality measurements we will be providing the 1st of its kind Air filter EGAPA comfort which can reduce the concentrations of CO2 in indoors.

This Technology is made of special media which can absorb CO2 and many other acidic gases in the air. This has wide range of applications especially in all mechanically ventilated indoor spaces where there is no provision for fresh air to enter.



# **EGAPA Comprehensive**

### What's EGAPA?

A unique filter structure of AirOK Air filters that traps all the indoor Air contaminants from all the sides with high efficacy and performance. EGAPA Air filters come with a unique composition of our core material which is capable of handling(removal) all indoor Air contaminants from workspaces.

### What's EGAPA Comprehensive?

EGAPA Comprehensive is a revolutionary combination of High efficacy and performance. The considered filter is made up of a unique composure of material with a complete patented technology with a combination of traditional filters. This filter offers a complete indoor air quality solution by taking care of all indoor contaminants which includes all gaseous, Particulate, and microbial contaminants.

### How does the filtration happen?

AirOK Air purifiers are designed in such a way that the air was forcibly driven on to the filters in a particular way, so the rate of reaction period has been increased which enhances the air quality with longer filter life. The principle of air filtration is simple: the contaminated air passes through pre-filters which retain dust and particles. The chemical media stages (combination of impregnated activated carbon) they chemically destroy remaining gaseous contaminants. Gaseous Filtration the most effective way of removing airborne contaminants to enhance the performance. The final layer is of traditional air filters which an remove up to 0.1 micron.

## Applications

EGAPA Comprehensive is a high-end filter of the whole EGAPA filter series. The unique composure of the material used to make it first of its kind Air filter which can be customized as per the concentration of contaminants. These devices can be used every indoor space where the concentrations are beyond the limits such as Schools, IT Parks, Office spaces, Banquet halls etc.

#### **Specifications**

Filter Type: Patented Activated Carbon and Ultra-dense EPA filter along with PET as an outer layer. Fits into: AirOK VISTAR 450i, 550i, 650i, 900i, 1100i, 1300i Filter replacement: 12-15 months Filter type: Aluminium

## **Key Claims**

- Capture PM Up to 0.1 Microns
- Smoke, Dust, Pet dander
- Bacterial, Fungal and Mold
- TVOC's, CO2, H2S, SOX, NOX etc.



# **EGAPA Fumes**

### What's EGAPA fumes?

A unique filter structure of AirOK Air filters that traps all the indoor Air contaminants from all the sides with high efficacy and performance. EGAPA fumes comes with a unique composition of our core material which is capable of handling(removal) all the toxic contaminants in data centres and server rooms.

## Why in data centres?

Data centres and telecom environments, once considered as non-corrosive, are now experiencing corrosionrelated failures, particularly since the introduction of stringent legislation such as RoHS. Even extremely low levels of corrosive gases have costly consequences: downtime, non-compliant warranty specifications, ghost signals, circuit board failure, and even complete failure of equipment such as hard drives. Protecting the datacom equipment's and servers from any potential contaminants threat is a vital step in ensuring your datacom equipment's and servers good health and continued viability. IT & electronic equipment's reliability is critical for smooth operation of IT enabled services. Air contaminants internal and external are largely responsible for huge losses in IT enabled industry. These contaminants seep into data processing facilities and corrode electronic equipment leading to malfunctioning and breakdown of computers, telecom systems, Ac's, and control panels.

## Why Air contaminants in Data centres/server rooms need to be removed?

These facilities are equipped with high quality air filtration equipment's to arrest very fine air borne particles. If these are not removed, then they deposit on the surface of disc drives and electronic circuits that can create a maintenance downtime.

Similarly, gaseous contaminants released from machines using chemicals and tonners corrode the delicate electronic circuitry of computers, disc drivers, server panels etc.

## Is gaseous filtration being the most effective way of removing air borne contaminants?

Yes, protecting the datacom equipment and servers from any potential contaminants threat is a vital step in ensuring them a good health and continuous viability. The ultimate solution to lies in gaseous filtration which involves passing the contaminated laden air stream through a bed of dry media placed in proper designed housing

## How does the filtration happen?

AirOK Air purifiers are designed in such a way that the air was forcibly driven on to the filters in particular way so the rate of reaction period has been increased which enhances the air quality with longer filter life. The principle of air filtration is simple: the contaminated air passes through pre-filters which retain dust and particles. The chemical media stages (combination of impregnated activated carbon) they chemically destroy remaining gaseous contaminants. Gaseous Filtration the most effective way of removing airborne contaminants to enhance the performance



# **EGAPA Microbes**

### What's EGAPA?

A unique filter structure of AirOK Air filters that traps all the indoor Air contaminants from all the sides with high efficacy and performance. EGAPA Air filters come with a unique composition of our core material which is capable of handling(removal) all indoor Air contaminants from workspaces.

### What's EGAPA microbes?

EGAPA microbes is a first of its kind air filter which not only captures microbial contaminants and kills it. The considered filter is made up of a unique composure of material with a complete patented technology. The structural size of the granules considered have higher pore size making it more effective in-terms of efficiency and performance.

## How does the filtration happen?

AirOK Air purifiers are designed in such a way that the air was forcibly driven on to the filters in a particular way, so the rate of reaction period has been increased which enhances the air quality with longer filter life. The principle of air filtration is simple: the contaminated air passes through pre-filters which retain dust and particles. The chemical media stages (combination of impregnated activated carbon) they chemically destroy remaining gaseous contaminants. Gaseous Filtration the most effective way of removing airborne contaminants to enhance the performance

### Applications

EGAPA Microbes can be used in Hospital sectors where the cross contamination is very much concern [E.g.: Operation theatres, Burn wards, ICU's, Paediatric ICU's, General wards etc.]. In General, most of the hospitals cannot afford high end laminar flow systems where these devices can be used to maintain the bacterial contamination under standard levels along with maintaining the air quality.

## **Specifications**

These filters can not only capture the bacterial contaminants but also kills it. This is achieved with the material we have considered which is been a replicative structure of traditional filter with impregnation. As the bacterial contaminants flows in due to oxidation process the cell wall structure of the bacteria will be damaged which does not allow the bacteria to multiply and kills it further.

This not only controls the bacterial contamination can also reduce the VOC's, Formaldehyde, Odours, particulate pollutants and many more.

## **Key Claims**

- ▶ PM Up to 0.3 Microns
- TVOC's and Formaldehyde
- Bacterial Contamination
- Fungal and Mold.



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# **EGAPA Odour Remover**

### What's EGAPA?

A unique filter structure of AirOK Air purifiers traps all the indoor Air contaminants from all the sides with high efficacy and filter life. EGAPA Air filters are the revolutionary combination of performance and life, making it a next generation Air filters.

## Why Odour Removal?

The hospitality industry is all about creating the perfect atmosphere for your customers. Restaurants, hotels, lounge bars all have in common that the people present should feel comfortable and are willing to come back. The air we breathe, directly influences the way we experience our stay in any environment. Therefore, undesirable smells from smoking cabins/rooms, Musty odours, kitchens, storage rooms, cleaning materials and outside should never be the problems of your customers.

## Common air quality issues in the hospitality

Food storage: Bacteria and fungi will sooner or later appear wherever there are food and drinks. In the food and beverage industry it is important to keep the air in their facilities as clean as possible. AirOK can help to eliminate bacteria and fungi from the air to keep food fresher for a longer time.

Unpleasant smells: Undesirable and unwanted smells can be very annoying for patients, personnel, and guests. Depending on the severity of the odours AirOK has various solutions to absorb the smells.

Musty odours: A kind of unpleasant odour that occurs in a room if it was unoccupied for day or two due to the humidity levels across.

## What all can EGAPA Odour removal do?

- Preventing odour nuisance
- Indoor air quality optimization
- Remove germs from the air
- Improve indoor climate

#### Why AirOK?

AirOK Air purification systems are most effective in closed spaces such as hotel rooms, restaurants and back end offices which have poor ventilation and recirculated air. Further, these air purifiers are compact and lightweight, which means they can be placed easily anywhere around the hotel premises. These new air purifiers are sleek and fits in well with the aesthetics of a hotel and rooms which is important.

With the ever-growing options of air purifiers in the market, it is indeed a task to select one which matches your needs. AirOK presents you a wide range of Air purifiers that is fits into your every Air quality need.



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# **EGAPA Particulate/ Smoke Stop**

### What is EGAPA Particulate?

The cylindrical shaped ultra-dense packed particulate filter with a perfectly folded pleat that can capture PM 10, PM2.5, up to PM0.3, pollen, Pet dander, Smoke and other inhalable particles and letting only clean air to pass through it.

### What is Smoke Stop?

EGAPA Smoke Stop comes with a unique composition of activated carbon material which can remove Cigar smoke, Formaldehyde, VOC's, and Other Toxic gases. The fine pleated carbon filter with larger surface area is relatively light in weight with a greater porosity.

### How does it capture pollutants?

This filter is a combination of Pre-filter made of PET and a fine glass fibre material. The larger particles that are too heavy to flow with the air get trapped on to the pre-filter and smaller particles that follow the air stream and get caught in the filter fibres, providing the diameter of the particles is larger than the gaps in the filter. The fine particles move erratically through the air stream and this irregular movement makes it more likely they will get caught in the filter fibres.

### How does the filtration happen?

These filters consist of a network of interlaced fibres that are twisted and turned to form a fibrous maze. The highest quality ultra-fine glass impregnated pleated fibrous media provides a superior surface area for size. The pleated media is designed to the highest quality that it can remove contaminants such as bacteria and other microbial contaminants.

## **Key Claims**

- Can filtrate up to PM 0.3 micron
- TVOC and formaldehyde
- Smoke, Pollen and Pet Dander

## Applications

EGAPA Particulate/ Smoke Stop goes into the State of the art AirOK Vistar Air purifier that fits into every indoor space like Hall, Bedroom, Living room, Office spaces, Schools, Meeting halls, etc. Our uniquely designed purifier makes the air flow into the filter enter at a 45-degree inclined position, ensuring it covers maximum surface area of the filter for better purification and higher filter life. The fine fabric material used, traps pollutants in such a way that they will not be released back into the air, even after the filter is heavy loaded.

## **Technical Specifications**:

- Filter Type: Ultra dense EPA with PET as an outer layer supported by Carbon filter
- Fits into: AirOK Vistar 450i, 550i, 650i, 900i, 1100i, and 1300i
- Filter life: 8-10 months
- Filter Type: Polypropylene