



#### **About AirOK**

AirOK Technologies Pvt. Ltd is an award-winning Indigenous Air purifier manufacturing and R&D company established in 2015. We are focussed on addressing the rising levels of Air pollution with an innovative solution in Air Purification like Air Purifiers, Air Filters, Face Masks, Air Purifying Bags, and HVAC Filters. We are specialized in providing customized solutions for both residential and commercial spaces. We continually strive to develop smart clean air solutions to ensure that the air you breathe is clean and pure.

# **Clean Air Matters**

We stay 90 percent of the time indoors. Nine out of ten people in the world breathe polluted air, causing more than seven million premature deaths every year according to the World Health Organization (WHO). And only few people know indoor air is five times more polluted than outdoor air. Exposure to air pollution can alter children's trajectory through life, pushing them onto a path of suffering, illness and challenge. 77% of Indians i.e. around 1.4 billion people are exposed to air far dirtier than the recommended limit.



#### What is Polluting Your Indoor Air?







**PM**<sub>25</sub>can go deep into the lungs and bloodstream, leading to health problems.



**Dust mites** can be found on bedding in homes & can trigger asthma. Highly humid areas are more susceptible to dust mites.



**Bacteria & viruses** can cause infections and worsen allergies.



**Moulds** can cause irritation and allergic reactions in sensitive people.







**Pollen** are released by trees, weeds and plants. They are carried indoors by wind, on clothes or through open windows. It can trigger allergy symptoms.



Paint fumes contain formaldehyde which is a harmful chemical. Prolonged or high exposure to paint and paint fumes can cause headaches.



Cigarette smoke and cooking fumes can cause respiratory problems including asthma.



**Pet dander** can cause allergies leading to rhinitis or asthma.

# Why AirOK?

"When you are looking for the right solution, you need to understand the problem to its roots."

AirOKisateamofairqualityexpertswith an environmental engineering background from a premier institution. We work on Air Pollution control equipment in different environments considering the Airflow dynamics of air pollutants.

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.

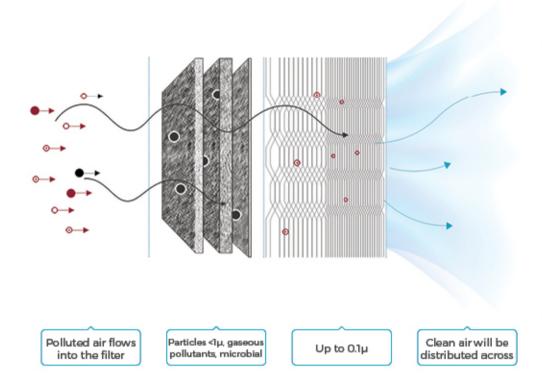
The designed filter is affordable, long-lasting, and costs three folds less than existing commercial air filters available in the market thereby resulting in lower maintenance costs. We have designed our Air purifier complementing the developed filter to achieve maximum efficiency. AirOK air purifiers are smart and User friendly. It comes with many other features that you would love.





# EGAPA® Filter Technology

Helps you Breathe Healthy



#### For Better Indoor Spaces

Understanding your indoor air quality needs, we have designed world class filters with novel patented filter technology which can remove up to 99.7% of all types of harmful indoor air pollutants and keep your air fresh and clean.

As we spend 90% of time indoors, air quality plays a crucial role in workspace productivity. Our EGAPA® filters helps you to maintain a better air quality with better working experience.

- High performance filtration rates are obtained using EGAPA® filters
- Bacteria Is not just captured but also killed.
- Adsorbs all acidic and alkaline gases (toxic gases)
- Dual stratified filter which has a longer life

#### Benefits-











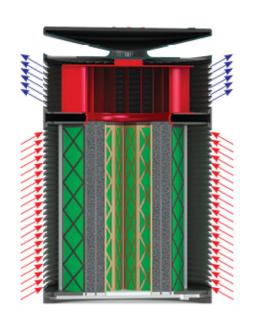




# **Research Oriented Developments**

#### **Air Flow**

AirOK Air purifiers have been designed considering the Air flow dynamics with a 45 degree Air intake ensuring the Air to flow right on to the filter covering maximum surface Area. As the Mass transfer zone is higher, Higher the filtration rate with maximum efficiency.



#### **Magnifying View of Inlets and Outlets**

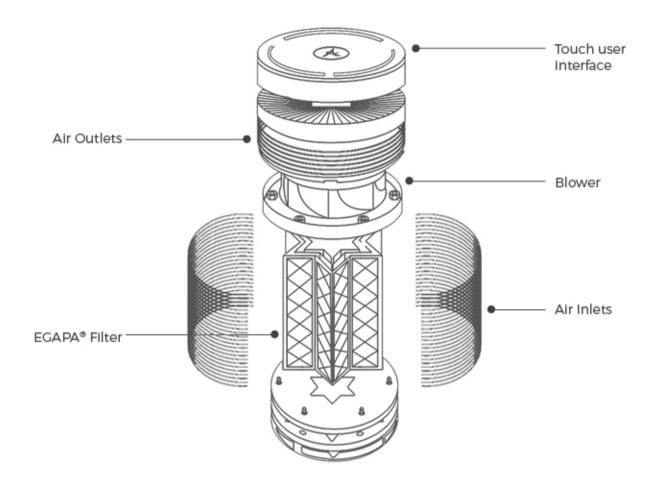




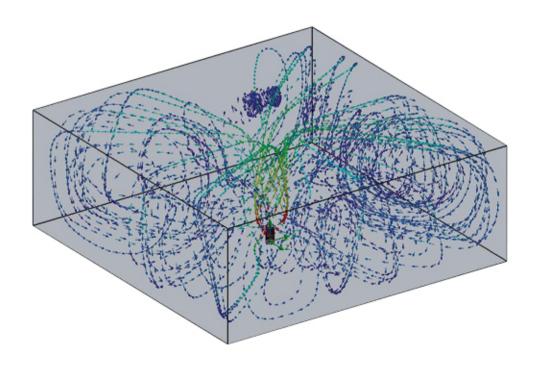


Outlets

# Exploded View of AirOK Air Purifier



#### **Visualization of Air Flow Patterns Across the Room**



# **Vistar**

#### Smart and Automated

Introducing the first Indigenous Air Purifiers with customized filter technology. It comes with a smart sensor and a fully automated air purification system. It embeds into your day to day life without interrupting your work.







| om size (m²)  DR (m³/hr.)  Changes per hour  (Optional)  se Level (dB)  h (dB)  v (dB)  ver Consumption (W)  h (W) | 42<br>493<br>5<br>Yes<br>45<br>25<br>38<br>18 | 51<br>603<br>5<br>Yes<br>50<br>31<br>40<br>20 | 61<br>713<br>5<br>Yes<br>56<br>40<br>45<br>24 |
|--|---|---|---|
| Changes per hour (Optional) se Level (dB) h (dB) v(dB) ver Consumption (W) h (W)                                   | 5<br>Yes<br>45<br>25<br>38<br>18              | 5<br>Yes<br>50<br>31<br>40                    | 5<br>Yes<br>56<br>40                          |
| (Optional)  se Level (dB) h (dB) r (dB) ver Consumption (W) h (W)  | Yes<br>45<br>25<br>38<br>18                   | Yes 50 31 40                                  | Yes<br>56<br>40<br>45                         |
| se Level (dB) h (dB) (dB) ver Consumption (W) h (W)  | 45<br>25<br>38<br>18                          | 50<br>31<br>40                                | 56<br>40<br>45                                |
| h (dB) (dB) ver Consumption (W) h (W) (W)  | 25<br>38<br>18                                | 31<br>40                                      | 40<br>45                                      |
| v (dB) ver Consumption (W) h (W) v (W)   | 25<br>38<br>18                                | 31<br>40                                      | 40<br>45                                      |
| ver Consumption (W) h (W) v (W)  | 38<br>18                                      | 40  | 45  |
| h (W)<br>/ (W)   | 18  |   |   |
| (W)  | 18  |   |   |
|  |   | 20  | 24  |
|  | Yes   |   |   |
| ers  | Yes   |   |   |
| ticulate   |   | Yes   | Yes   |
| oke Stop   | Yes   | Yes   | Yes   |
| robes  | Yes   | Yes   | Yes   |
| nfort (CO <sub>2</sub> )   | Yes   | Yes   | Yes   |
| nprehensive  | Yes   | Yes   | Yes   |
| er Replacement Indicator   | Yes   | Yes   | Yes   |
| nectivity/Sensors  |   |   |   |
| FI   | Yes   | Yes   | Yes   |
| oile Application   | Yes   | Yes   | Yes   |
| ud Connectivity  | Yes   | Yes   | Yes   |
| art Switch   | Yes   | Yes   | Yes   |
| l Time Air Quality Monitoring  | Yes   | Yes   | Yes   |
| tification Programs  |   |   |   |
|  | Yes   | Yes   | Yes   |
|  | Yes   | Yes   | Yes   |
| 3L accredited lab certified  | Yes   | Yes   | Yes   |
| nensions/Weight  |   |   |   |
| duct Dimensions (H*D)  | 420*300                                       | 490*300                                       | 530*300                                       |
| duct Weight*   | 6.5kgs  | 8   | 9   |
| ranty (Years)  | 1+4   | 1+4   | 1+4   |

<sup>\*</sup>Varies with purifier and filter combination

# **Vistar Pro**

Superior Performance

Larger Residential and commercial spaces require higher performance units. AirOK Vistar Pro purifier comes with high performance air filtration along with a unique filter technology resulting in a livelier & cleaner workspace.







| Models                           | Vistar 900i | Vistar 1100i | Vistar 1300i |
|----------------------------------|-------------|--------------|--------------|
| Room size ( m²)                  | 84          | 100          | 122          |
| CADR (m³/hr.)                    | 1019        | 1249         | 1471         |
| Air Changes per hour             | 5           | 5            | 5            |
| UV (Optional)                    | Yes         | Yes          | Yes          |
| Noise Level (dB)                 |             |              |              |
| High (dB)                        | 66          | 69           | 71           |
| Low (dB)                         | 30          | 35           | 40           |
| Power Consumption (W)            |             |              |              |
| High (W)                         | 85          | 110          | 120          |
| Low (W)                          | 30          | 45           | 52           |
| Filters                          |             |              |              |
| Particulate                      | Yes         | Yes          | Yes          |
| Smoke Stop                       | Yes         | Yes          | Yes          |
| Microbes                         | Yes         | Yes          | Yes          |
| Comfort (CO <sub>2</sub> )       | Yes         | Yes          | Yes          |
| Comprehensive                    | Yes         | Yes          | Yes          |
| Filter Replacement Indicator     | Yes         | Yes          | Yes          |
| Connectivity/Sensors             |             |              |              |
| Wi-Fi                            | Yes         | Yes          | Yes          |
| Mobile Application               | Yes         | Yes          | Yes          |
| Cloud Connectivity               | Yes         | Yes          | Yes          |
| Smart Switch                     | Yes         | Yes          | Yes          |
| Real Time Air Quality Monitoring | Yes         | Yes          | Yes          |
| Certification Programs           |             |              |              |
| ISO                              | Yes         | Yes          | Yes          |
| CE                               | Yes         | Yes          | Yes          |
| NABL accredited lab certified    | Yes         | Yes          | Yes          |
| Dimensions/Weight                |             |              |              |
| Product Dimensions (H*D)         | 740*300     | 900*300      | 960*300      |
| Product Weight*                  | 13          | 15           | 18           |
| Warranty (Years)                 | 1+4         | 1+4          | 1+4          |

<sup>\*</sup>Varies with purifier and filter combination

## EGAPA® Air Filters

A Revolutionary Combination of High Efficacy and Performance



#### EGAPA® Particulate /Smoke Stop

A perfect choice for removing pollutants such as pollen, Dust, Pet dander, Smoke, Formaldehyde, TVOC's, and Finer particulate pollutants.











Toxic Gases



#### **EGAPA®** Microbes

The filter that suits well for healthcare applications. Where it could replace current expensive laminar flow systems and bring down the cost by multiple folds. It not just traps the airborne bacteria but also kills.











#### **EGAPA®** Comfort

The filter that can reduce Carbon dioxide levels in your workspace thereby making your workspace livelier and enhancing your working experience.





CO.

Toxic Gases



#### **EGAPA®** Comprehensive

The filter offers complete indoor air quality solution by taking care of removing each and every pollutant at the highest level of efficiency.

















PM

Smoke

Dust

Bacteria

Fungal

VOC Toxic Gases

### AirOK Breathe Safe

N95/N99 Anti-Pollution Face Mask



#### **Key Features**

- 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
- We offers a wide range of masks like N95/N99/KN95
- Ergonomic design provides a better compliance to range of facial shapes
- Certified by NABL accredited labs, NIOSH, ISO, CE, FDA, GMP







AirOK Natural

Odour Removal Charcoal Bags



#### **Key Features**

- It is the easiest way to maintain fresh, dry and odor free environment
- Powered by unique odour eliminator.
- AirOK's Natural is safe and non-toxic
- Prevents mold, mildew and bacteria by absorbing excess moisture
- Hand crafted with highest level of perfection



In areas up to 150 square feet



Chemical free, fragrancefree and non-toxic



Can be used upto 2 years

## AirOK HVAC Filter

For Your Better Work Experience



#### **Key Features**

- Fresh Clean air environment throughout the workspace
- Effectively absorb odors, allergens and harmful pollutants
- Long lasting filter life
- Best way prevent yourself from dirt, sick and toxic air







Better air filtration



A perfect solution to corrosive issues in data centers and server rooms



**Brief description:** More than any other place, installation of Air Purifiers is essential in the healthcare sector. The complex healthcare environment requires special attention to ensure healthy indoor air quality to protect patients and healthcare workers against hospital-acquired infections and occupational diseases.

**Health effects in these environments:** Headaches, Fatigue, Eye & Skin irritations, Nosocomial infections and Occupational diseases.

**Common pollutants in these environments:** Carbon dioxide ( $CO_2$ ), Carbon monoxide (CO), Formaldehyde ( $CH_2O$ ), Total Volatile Organic Compounds (TVOCs), Respirable Suspended Particulates, Radon, Glutaraldehyde ( $C_5H_8O_2$ ), Nitrous Oxide ( $N_2O$ ), Latex allergens and Total Bacterial count.

#### AirOK seamlessly fits into



OPD clinics



Maternity wards



Waiting rooms



Diagnostic centre



Doctor's chambers



ICU & OT



IVF centre



Pediatric clinics



**Brief description:** Indoor air quality (IAQ) in the Industry sector is the subject of much attention these days. The air quality of the indoor environment can profoundly affect the health, comfort, and productivity of Industry related occupants.

**Health effects in these environments:** Allergies, respiratory diseases and even the minor ailments such as headaches and eye irritation.

**Common pollutants in these environments:** Carbon monoxide, Oxides of sulphur, and Oxides of nitrogen, Volatile Organic Compounds (including hydrocarbons), Polycyclic Aromatic Hydrocarbons and Particulate Pollutants.

#### AirOK seamlessly fits into



Diamond cutting



Food processing units



High Precision equipment



Instrument & control rooms



R&D centres



Printing units



Server rooms



Warehouse



**Brief description:** Over 90% of our quality time is spent indoors be it in classrooms, colleges or offices. The indoor air quality has a significant impact on not just our health but our mental performance too, with high exposure to stale air in indoor environment results in symptoms of headache and lethargy. Therefore, indoor air quality in Institutions is of high importance.

**Health effects in these environments:** Respiratory diseases such as asthma and allergies.

**Common pollutants in these environments:** Bacteria, Moulds, Volatile Organic Compounds, Persistent Organic pollutants and Micro particles.

#### AirOK seamlessly fits into



Schools



Colleges



Call Centre



Conference Rooms



Office Cabins



Coaching Centres



Embassy



BPO



**Brief description:** Applications of Air Purifiers in the hospitality sector is gaining popularity. As it faces many IAQ challenges from dealing with the different needs of living quarters, ballrooms, house cleaning, food preparation, laundry facilities, indoor pools and the difficulty of accommodating both smokers and non-smokers.

**Health effects in these environments:** Legionnaire's disease, hay-fever, chronic lung diseases such as asthma.

**Common pollutants in these environments:** Moulds, Fungi, Mildew,  $CO_2$ , Odours, Formaldehydes, VOC's, CO,  $NO_2$  and Ammonia.

#### AirOK seamlessly fits into



Hotels & Lodges



Banquet Halls



Bars & Smoking Rooms



Restaurants



Cafes & Lounges



Function Halls



Show Rooms



Gym/Spa/Salons

## **Proven Result**

# **Against Air Borne Bacteria**



Bacterial and fungal colonies before running an air purifier

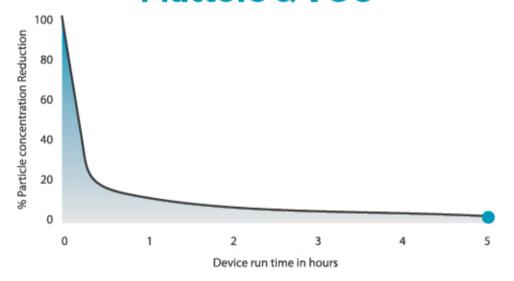


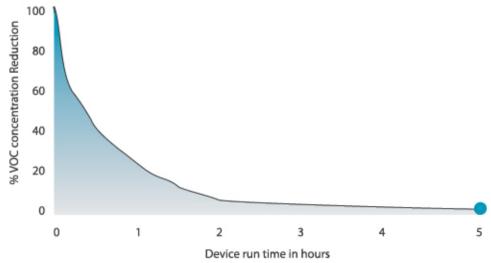
Bacterial and fungal colonies after running an air purifier



Bacterial and fungal colonies after 3 hours of running an air purifier

# Proven Result Against Particulate Matters & VOC





# **Bloom By AirOK**



#### **OUR INNOVATION NEVER STOPS**

# **Certified By**





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