

## INSTALLING A CAREFREE BREATHING SYSTEM

With Alliance 7 Global Ionic Air Purifier





## **About Us**

Alliance 7 Global's Ionic Air Purifiers protects you and your loved ones from hazardous Indoor Air Pollution, harmful airborne Viruses and Bacteria and unpleasant odour: THREE PROBLEMS ONE SOLUTION. Our best in class Ionic Technology has its numerous unique features and excellent health benefits which will provide safe shelter around you, so that you can breath clean, healthy and virus free air every time. With us, relish every breath in reliable air under your roof at reasonable prices

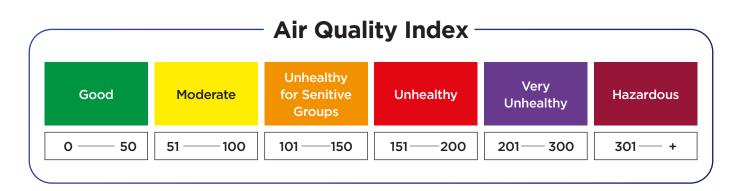


### Do you know the air around you contains



#### **Some Indoor Air Quality Facts**

- You spend about 90% of your time indoors.
- The quality of indoor air can be two to five times (and even up to 100 times) more polluted than the worst outside air.
- There has been an alarming increase in the number of children with severe allergies and asthma.
- Allergies, asthma, lung cancer and heart problems have all been linked to poor air quality.



### **Product Models**



#### **Sushruta Model**

- Ps. 55999.
- ✓ 1 Year Warranty
- Overs the area in 120 minutes
- Maintenance Free
- virus & bacteria, unpleasant odour



#### **Kashyap Model**

- Ps. 8999
- ✓ 1 Year Warranty

- Maintenance Free
- ✓ Works on particulate matter (PM2.5) virus & bacteria, unpleasant odour



## **Product Specification**

| SPECIFICATIONS   | SUSHRUTA MODEL                               | KASHYAP MODEL                                 |
|--|--|---|
| Coverage Area  | Up to 300 Sq. Ft                             | Up to 600 Sq. Ft                              |
| Maintenance Requirement  | Not Required                                 | Not Required                                  |
| Weight   | 0.67 Kg                                      | 0.75 Kg                                       |
| Dimensions   | 15cm x 9cm x 20cm                            | 15 cm x 9cm x 20 cm                           |
| Supply Voltage   | 220-240 V                                    | 220-240V                                      |
| Negative Voltage Generated   | 4KV DC                                       | 7.5 KV DC                                     |
| Indoor Air Pollution Reduction   | PM 2.5-PM 10                                 | PM 2.5- PM 10                                 |
| Viral, Fungal, Bacterial Load<br>Reduction                             | Very Effective                               | Very Effective                                |
| Odour Reduction  | Very Effective                               | Very Effective                                |
| Ozone Detected as By-<br>Product (Check by third party<br>laboratory)  | Not Detected                                 | Not Detected                                  |
| Smoke Chamber Test   | Passed                                       | Passed  |
| Capacitance  | 630 F  | 1000 F  |
| At Point Discharge Per<br>Electrode (Checked by KT- 401<br>Ion Tester) | 1700x10 <sup>4</sup> Per Cubic<br>Centimetre | >1900x10 <sup>4</sup> Per Cubic<br>Centimetre |
| Number of Electrodes   | 4  | 4   |
| Power Consumption (Per<br>Month)                                       | 2 KW (Maximum)                               | 2 KW (Maximum)                                |
| Outer Body Details   | ABS Plastic                                  | ABS Plastic                                   |

# How does an Ionic air purifier works?

#### Ionic air purifier works on three different areas



#### A. On Particulate matter:

- ⊘ OH- ions (negative ions) are released into the atmosphere via air ionizer.
- The negative ions are not in abundance in our surroundings whereas all the polluting particles, pollens, dust are positively charged in nature.
- So once the negative ions are released they get attracted towards positively charged ions and hence bond together to create dense dirt particles that cannot float in the air. Eventually settle down on the surface. Settled dust particles can be swept up a later time via mopping or cleaning.

#### **B. On Viruses and Bacteria:**

- For airborne viruses, positive and Negative ions makes clusters, so, it inhabits the spread of virus and bacteria via division.
- Over sometime, it bursts the outer membrane of virus by drawing out H+ ion from the protien of virus, and therefore affecting the terminology of virus and bacteria. And hence reduces the viral and bacterial load.





#### C. On Odour causing gases and VOC:

- Some molds produce certain harmful chemicals, such as mycotoxins and volatile organic compounds (VOC).
- Negative ions also reduces the effects of VOC and other odour causing gases by neutralizing the mycotoxins particles.

## **Benefits of Our Ionic Air Purifiers**



Reduces particulate matter, dust and purify the air



Decreases viral, fungal and bacterial load



Reduces effects of VOC and Odour causing gases



Promotes healthier lifestyle



Reduces allergies



Fights Asthma

#### **Success indicators**



## **Features of Our Ionic Air Purifiers**

- PM 2.5 Pollutent Dust Killer and air purification
- Cost effective and affordable
- Viral, Fungal and
  Bacterial load reduction
- Full room coverage
- Odour causing gases and VOC reduction
- Portable and Lightweight

Maintenance free

Easy Plug and Play

Quite Operation

- Gold Plated Electrodes
- Minimum Electrical
  Power Consumption
- One Year Warranty



## Differences between Negative Ions vs HEPA vs Plasma Cluster Technology

| 10                                  |                     |                                       |                              |
|-------------------------------------|---------------------|---------------------------------------|------------------------------|
| PARAMETERS                          | IONIC<br>TECHNOLOGY | HEPA<br>TECHNOLOGY                    | PLASMA CLUSTER               |
| Filter Pad<br>Requirement           | Not required        | Required                              | Required when used with HEPA |
| Filter Pad<br>Replacement           | Filter Pad Free!    | Regularly Replaced                    | Regularly Replaced           |
| Maintenance                         | Not Required        | Required Regularly                    | Required Regularly           |
| Portability                         | Highly Portable     | Least Portable                        | Least Portable               |
| Monthly Power<br>Consumption        | 2 Units             | 30 Units                              | 30 Units                     |
| Viral & Bacterial<br>Load Reduction | Works Effectively!  | Doesn't Work                          | Works Moderately             |
| Price Comparison                    | Reasonable Price    | Very High Retail<br>Price             | Very High Retail<br>Price    |
| Coverage Area                       | 300- 700 Sq. Ft     | 250- 500 Sq. Ft                       | 200- 450 Sq. Ft              |
| Odour Reduction                     | Works Effectively!  | Works only when filter pads are clean | Works Moderately             |
| Internal Fan<br>Requirement         | Not Required        | Required                              | Required                     |



SF-2, 7 Sky Plaza, Near Banjamin World School, VUDA cross road, Laxmi Pura, Gotri, Vadodara -390021 GUJARAT, India





sales@alliance7global.com info@alliance7global.com



www.alliance7global.com