



*Smell the goodness  
of Fresh Air every moment.*



Vision Advance Speciality Carbons

**Purity with Reliability**

## Air Purification

### The daunting reality of impure air

The carbon emissions that have been exponentially increasing by the year have raised serious alarms and the focus has shifted in finding a "Solution to Pollution", globally. Newer pollutants have been identified and newer laws have been framed for the same purpose in the hope of seeing a better world.

The Coconut Shell based Activated Carbon in purified air industry is expected to see a landslide growth in the coming years due to its reduction in carbon emission.

### Activated Carbon cleans up the air magically

Activated Carbon acts like a mantra or the magic wand which cleans up harmful chemicals such as Volatile Organic Compounds (VOC) from air in a whiff. It cleans up cabin air in flights, emissions from automobiles, perfumes from homes, odorous harmful compounds from factories, polluted air in public places and odorous gases from sewage water treatment.

### Who benefits from contaminant-free air?

People, classified under "Multiple Chemical Sensitivity", who are allergic to every chemical that they are exposed to, are the beneficiaries of contaminant-free air aided by Vas Carbons Shell based Activated Carbon. They are saved from asthma and respiratory illnesses which revolve around impure air.



### Common Mesh Grades Carbons for Vapour Phase

| MeshGrade                         | 3x6         | 1/4x6       | 4x8         |
|-----------------------------------|-------------|-------------|-------------|
| Product Code                      | VAS A 3x6   | VAS A 1/4x6 | VAS A 4x8   |
| Type of Carbon                    | Granular    | Granular    | Granular    |
| Iodine No. (mg/gm)                | 800 - 1300  | 800 - 1300  | 800 - 1300  |
| Surface area (m <sup>2</sup> /gm) | 1100 - 1250 | 1100 - 1250 | 1100 - 1250 |
| CTC %                             | 40 - 80 Min | 40 - 80 Min | 40 - 80 Min |
| Apparent Density (gm/cc)          | 0.43 - 0.54 | 0.43 - 0.54 | 0.43 - 0.54 |
| Moisture (%) Max.                 | 5           | 5           | 8%          |
| Ash (%) Max.                      | 4           | 4           | 8%          |
| Hardness                          | 98          | 98          | 98          |
| pH                                | 9 - 11      | 9 - 11      | 9 - 11      |



Vision Advance Speciality Carbons Pvt. Ltd.  
Plot-566[B]P, Industrial Growth Center,  
H.N.Pura Road, Hassan-573201,  
Karnataka State, India  
Ph : +91 9962239663 | +91 9731920920

[www.vascarbons.com](http://www.vascarbons.com)