

Nasofilters: Respiratory Disposable Nasal Filters



The Nanoclean Global Private Limited has developed Nasofilters which are bio-safe nanotechnology based respiratory disposable nasal filters that can save the daily commuters from the harmful effects of air pollution. Nasofilters is a respiratory nasal filters which successfully prevents entry of harmful air pollutants. When compared to traditional antipollution masks, Nasofilters are made by using nanotechnology which ensures that there is a minimal pressure drop while breathing. The Nasofilters have made breathing easy which makes them the best respiratory mask in India.

Some of the important key features of the Nasofilters developed by Nanoclean Global Pvt. Ltd. are that they provide natural ventilation, hypoallergenic, self-adhering, and disposable. The Nasofilters provide protection against particulate matter (PM 2.5 & PM 10), dust, allergens, UV rays, mosquitoes and insects. Over 5.1 lakh units of the Nasofilters have been sold over 22 countries across the world. The huge success can be attributed to its efficiency and low cost which is rupees 10 each unit.

The Nasofilters can save daily commuters from the harmful effects of bacteria, viral infections and tiny suspended particles emitted from vehicles, coal burning power plants or factories and hence avoid respiratory disease, heart problem and lung cancer, especially keeping in mind 2.5 pm concentration as well as pollen allergies.

The technology has been widely applauded and has got multiple recognitions. Some of the major achievements include 'Startup National Award' of 2017 by president of India, 'Innovator Entrepreneur Award' of 2018 conferred by INAE, and recognized as 'Top 25 technical startups in the world' by the Korean government through K-startup grand challenge, and as 'Top 10 Startups, LEVEINXT' by PWC, FICCI and CNBC. Besides, two patents have been filled under patent number 1) 201711033337 and 2) PCT/IB2017/057092 (201611031331).

The Nanoclean Global Pvt. Ltd. is the only company in world which produces the most affordable and bio-safe nanofibers with its proprietary polymer technology. They are the first company to commercialize the bio-safe nanofiber based products in India, and ensuring that people breathe pure air.

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