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Nanomatrix Materials introduces G1 AC Filters for air conditioners

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The ASTM certified AC filters can kill 99 per cent of airborne viruses and bacteria and can even protect from black fungus outbreak



Jaipur-based startup Nanomatrix Materials has recently introduced a new product range of G1 AC Filters for air conditioners using graphene-silver nanotechnology which purifies in room air including sterilizing 99 per cent airborne microbes along with filtration of dust particles, also capable to reduce harmful VOC/gases. This product will convert a conventional air conditioner into an air purifier.

The air filter has a layer of NM graphene membrane that uses graphene-Silver nanotechnology to protect you from viruses by killing them along with filtration of certain harmful gases. Graphene filters also prohibit the growth of several microorganisms including fungus. The filter removes PM 2.5 and above particles from the air with an efficiency of more than 99 per cent, also proven to remove volatile organic compounds (VOCs) such as formaldehyde (which secretes from the wooden furniture in most households), benzene etc. VOCs are a large group of chemicals that are found in different products used in our daily lives like cosmetics, fuel, gasoline, air fresheners, cleaning products, or used at home in building materials like paints, varnishes etc.

Nanomatrix Materials founder Vikas Bardiya said, “G1 AC Filters is another addition to our 3600 protection drive that protects your surroundings. This costs 10x cheaper than air purifiers and provides you protection on the go. G1 AC Filters has gone through the tests from the independent certified laboratories before getting launched in the market.”