

NEW



12V DC ANTIMICROBIAL AIR PURIFIER

Ulilog is proud to present the NEW SafeAir 12v Electrified Nanotech Air Purifier. This unit is designed specifically for use in small confined spaces such as ambulances, taxis and buses.

It purifies air in spaces where there is little or no ventilation and where the transmission of airborne diseases are high.

The SafeAir 12v DC units are small and can be wall- or ceiling-mounted. It consumes 4 watts of power and can be run with grid electricity, solar power or 12v battery.

As stated by the American Journal of Epidemiology (© The Author 2013), "Given its poor ventilation and high respiratory contact rates, public transportation may play a critical role in sustaining tuberculosis transmission in South African cities".
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3657527/pdf/kws331.pdf>


The SafeAir 12v DC Antimicrobial Air Purifier pro-actively controls & reduces the transmission of pathogens such as airborne bacteria, viruses and fungi as well as yeast & mould spores. The device also neutralises known carcinogens that pollute indoor air such as volatile organic compounds (VOCs), oxides of nitrogen (NOx), second-hand tobacco smoke and unpleasant odour particles.

The National Institute of Occupational Health report concluded that the unit submitted for evaluation was 100% effective in reducing the bacterial count of up to 98.6% in 1 hour. Tests were done in the laboratory test room which is in accordance with the principal for design as a disinfection system.

HOW DOES IT WORK?

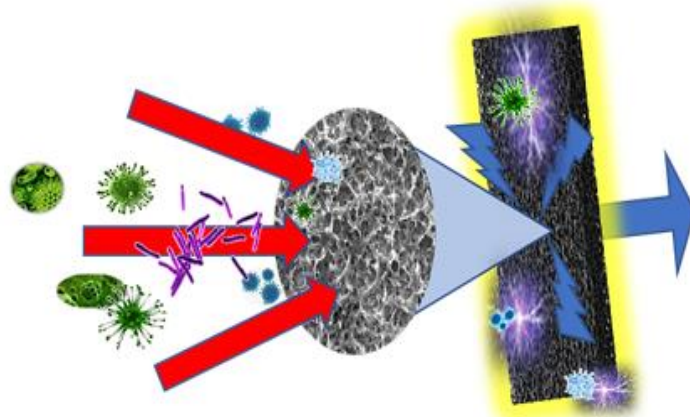
The SafeAir 12v DC Air Purifier has been designed to recirculate stale, contaminated air through the SafeAir Filter producing revitalized, purified air to breathe. The SafeAir filter is a washable, electrified filter, impregnated with carbon, graphene and graphite Nanotechnology. The filter traps, perforates and kills micro-sized organisms and particles. Furthermore, the pulsing low voltage static electricity which is evenly distributed across the surface of the filter kills any remaining organisms.

Specifications

| SafeAir 12V DC Antimicrobial Air Purifier – SA12VDC |  |
|---|---|
| Dimensions (mm) | 400 x 120 x 55 |
| Weight (Kg) | 1.2 |
| Input voltage (DC) | 12V |
| Total unit wattage (w) | 4 |
| Area covered m ² | 15 |
| Air flow (Cfm) | 11 |
| Low V Current (Filter) | 12V |
| Cabinet | Powder Coated |
| Noise (dB) | 15 |
| Equivalent air changes per hour | 18 |

Antimicrobial Filter

- ✓ Filter incorporating active carbon, graphene and nanotubes
- ✓ Destructive to pathogenic micro-organisms and bacteria
- ✓ Bacterial and air sterilization
- ✓ Antimicrobial filter can be washed numerous times
- ✓ Filter does not become a breeding ground for germs



Static

- ✓ Electrostatic attraction removes fine particulate matter such as dust from the air
- ✓ Attracts and traps pollutants and microorganisms
- ✓ Removes larger airborne contaminants
- ✓ Supplies purified and revitalised air

WHO TO CONTACT?

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