

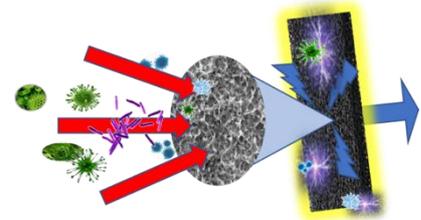
# SafeAir Antimicrobial Filter Air Purifier



## HOW DOES IT WORK?

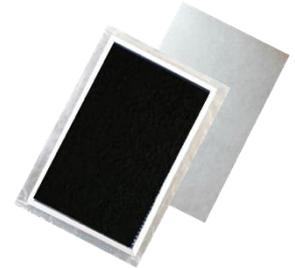
SafeAir Tri-Active Antimicrobial Ceiling Mount Air Purifiers have been designed to circulate and draw in air from the room which pass through the TRI-ACTIVE ANTIMICROBIAL filter to reduce and kill airborne microbes - bacteria, viruses and pollutants.

SafeAir Tri-Active Antimicrobial Filters ensure that bacteria and viruses passing through the filter are trapped and damaged by the sharp edges of the graphene. The razor sharp edges of the graphene perforate the bacteria or virus cell wall, causing the cell to die.



The ANTIMICROBIAL filter is electrified with low current pulsating electronics, evenly distributing current and static voltage across the surface of the filter. The air is drawn through the panel utilizing fans, either incorporated into the SafeAir ceiling mount TRI-ACTIVE ANTIMICROBIAL unit or within an HVAC system. Bacteria and viruses that are drawn through with the air are trapped and damaged by the sharp edges of the graphene and the current ensures that these trapped microorganisms die, preventing the filter from becoming a breeding ground for disease.

Ionization and static electricity are evenly distributed across the surface of the filter, this attracts more airborne particles which reduce allergens detrimental to asthma and sinusitis sufferers.



## BENEFITS OF THE SAFEAIR TRI-ACTIVE ANTIMICROBIAL CEILING MOUNT AIR PURIFIER;

- Draws 60% to 90% less power than UVGI Air Purifiers.
- Replacement filters cost less than that of replacement UVC lamps.
- Washable pre-filters ensure efficiency and extend the life of the ANTIMICROBIAL Filters.
- TRI-ACTIVE ANTIMICROBIAL Filters trap and kill bacteria and viruses in a single pass, unlike most UVGI units that need several passes or multiple lamps to achieve the same result.
- SafeAir ANTIMICROBIAL FILTERS are safe and pose no threat to people or the environment.

## SafeAir Antimicrobial Unit Model GRC-8-18

Dimensions (LxWxH)	420x215x100
Weight (Kg)	2.2
Input voltage (AC)	230V
Wattage (w)	20
Area Covered (m3)	55-165
Air flow (Cfm)	70
Filter surface volts	48
Ioniser (N-ion Density)	6mil per cm <sup>2</sup>
Case finish	Powder coated
Estimated filter life (normal application)	9000 hours
IONS Neg	1-6x10 <sup>6</sup> pcs/cm <sup>3</sup>
Noise (dB)	38
Antimicrobial unit efficiency within 60 minutes (%)	98,68%

## WHO TO CONTACT?

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