

Aura Air

Smart Air Quality Monitoring,
Filtration & Disinfection

www.AirProtection.co.uk



What is Aura Air's Purification Technology?

Aura Air uses 4 unique stages of air purification and disinfection:

1. The **Pre-filter** removes big particles of airborne dust.
2. Using **UVC-LED** we reduce the bacteria and virus concentration in the air.
3. The **Ray-filter™** purifies the air from PM 10, PM 2.5, germs, tobacco scent, bacteria, viruses, fungus, and flu germs.
4. Our patent **Sterionizer** completes the purification and disinfection stage by sending positive and negative ions into the air. These charged oxygen molecules O₂⁺ and O₂⁻ have high chemical activity and when reacting with water molecules in the air, OH radicals and H₂O₂ (Hydrogen Peroxide) are formed. A chemical reaction occurs, and oxidants break down the protein structure of viruses, bacteria, and other pollutants, rendering them harmless.

Aura Air Technology

Technology & Purification Efficiency Chart

	Pre-Filter	UVC	The Sterionizer	The Ray Filter
VIRUSES		✓	✓	✓
BACTERIA		✓	✓	✓
POLLEN	✓			✓
DUST	✓			
MOLD			✓	
SMOKE			✓	✓
ANIMAL HAIR	✓			
VOC'S		✓	✓	✓
ODORS				✓
EFFICIENCY		99.96%	99.97%	99.5%