synecore

AIR PURIFICATION

UVGI & ESP AIR PURIFICATION

- ✓ KILLS UP TO 99% OF AIRBORNE BACTERIA
- ✓ RETROFIT TO EXISTING HVAC SYSTEM
- ✓ HIGH PERFORMANCE
- ✓ MOBILE UNITS AVAILABLE
- ✓ REPUTABLE UK MANUFACTURER
- ✓ TRIED AND TESTED
- ✓ NON OZONE PRODUCING LAMPS
- ✓ CAN BE FULLY MONITORED
- ✓ IDEAL FOR MEDICAL & COMMERCIAL ENVIRONMENTS

SYNECORE IS AN EXPERIENCED HVAC CONTRACTOR AND AN APPROVED INSTALLER OF UVGI AND ESP AIR PURIFIERS.

WE CREATE, INSTALL, COMMISSION AND MAINTAIN HVAC AND ELECTRICAL SOLUTIONS.

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HVAC SOLUTIONS FOR ALL COMMERCIAL AND MEDICAL ENVIRONMENTS!

UVGI & ESP AIR PURIFIERS

UVGI & ESP AIR PURIFIERS KILL UP TO 99% OF MICRO-ORGANISMS

- ✓ VIRUSES
- ✓ BACTERIA
- ✓ ODOURS
- ✓ PARASITES
- ✓ ALLERGENS
- ✓ COVID-19

UVGI and ESP air purification are non ozone producing technologies that can be retrofit to your existing ventilation or air conditioning system to ensure extracted air is cleansed ready for recirculation or redistribution to other areas within the building.

UVGI implements Ultraviolet C (UV-C) lights. As the air passes through the UVGI air purifier, the lights effectively reduce the DNA of micro-organisms to 0.01 microns meaning they can no longer grow or spread.

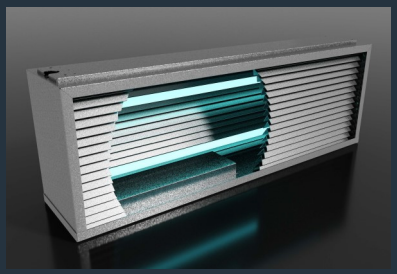
UVGI AIR PURIFIERS REDUCE COVID-19'S DNA FROM 0.12 MICRONS TO 0.01 MICRONS, RENDERING IT HARMLESS

ESP uses electrostatic filtration to remove tiny particles from the air. A static charge of around 8,000v is applied to the airstream and particles are collected on a metal plate, which has the opposite electrical potential, therefore stripping particles from the air.

STATIC FORCE IS A LOW RESISTANCE SOLUTION TO FILTERING CONTAMINANTS IN AIR STREAM, THUS ENHANCING OVERALL PERFORMANCE.

UVGI RANGE

FOR OPTIMUM DISCRETION, SYNECORE CAN RETROFIT UVGI AIR PURIFIERS WITHIN YOUR VENTILATION DUCTS, OR THE AIR CONDITIONING UNIT ITSELF.



FAN COIL AIR PURIFIERS

- ✓ DISCRETE
- ✓ HANDLES 0.16 M3/SEC OF AIR FLOW
- ✓ USES UVC TECHNOLOGY
- ✓ RETROFITS INLINE WITH FAN COIL UNIT

VENTILATION DUCT AIR PURIFIERS

- ✓ DISCRETE
- ✓ HANDLES 0.7, 1.4 & 2.1 M3/SEC OF AIR FLOW
- ✓ USES UVC TECHNOLOGY
- ✓ RETROFITS WITHIN DUCTS OR MAIN AIR STREAM

HYBRID AIR PURIFIER

- ✓ FITS WITHIN DUCTS, ON CEILINGS, WALLS & FLOORS
- ✓ USE FREE STANDING OR WITH A FAN
- ✓ HANDLES 1 M3/SEC OF AIR FLOW
- ✓ USES UVC TECHNOLOGY
- ✓ CAN BE MOVED FROM ROOM TO ROOM

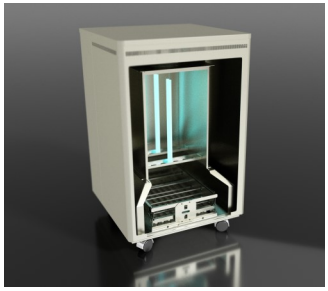
DUAL RANGE

UVGI AND ESP TECHNOLOGY COMBINED, OFFERS EXCEPTIONAL FILTRATION OF TINY PARTICLES AND MICRO-ORGANISIMS. THE DUAL TECHNOLOGY IS DESIGNED FOR LARGE COMMERCIAL SETTINGS.

COMMERCIAL AIR PURIFIERS ARE ONE OF MANY PRECAUTIONARY HEALTH AND SAFETY MEASURES THAT CAN PREVENT THE SPREAD OF COVID-19 AND OTHER VIRUSES IN THE WORKPLACE, LEISURE, OR MEDICAL ENVIRONMENTS.

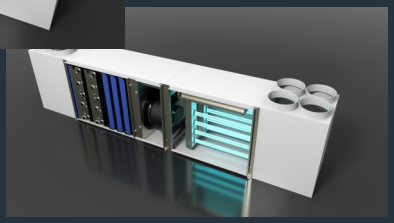
THE DUAL UVGI & ESP RANGE IS IDEAL FOR:

- ✓ GYMS
- ✓ LARGE OFFICES
- ✓ HOSPITALS
- ✓ HOTELS
- ✓ SHOPPING MALLS



MOBILE UNIT

- ✓ CASTORS ENABLE EASY MANOEUVRABILITY
- ✓ HANDLES 850 M3/HR OF AIR FLOW
- ✓ USES DUAL UVGI & ESP TECHNOLOGY
- ✓ EASY CLEANING AND MAINTENANCE
- ✓ 80 SQ METRE AREA CAPACITY



VENTILATION DUCT AIR PURIFIER

- ✓ DISCRETE
- ✓ USES DUAL UVGI & ESP TECHNOLOGY
- ✓ RETROFITS WITHIN DUCTS OR MAIN AIR STREAM
- ✓ 120 SQ METRE AREA CAPACITY

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