

MRSD Proposed Products

PurAir®350C- Ceiling Mounted Commercial Air Purifier

How can we reduce pathogen transfer?

✓ Built in fan

✓ Pre-filter:

First-stage MEGApleat® M8 coarse panel filter is used to effectively remove indoor large particles, dust and hair.

✓ Carbon filter

Second-stage VariCel® RF/C gas filter can effectively remove indoor TVOC, odours, harmful gases, such as formaldehyde.

✓ HEPA filter:

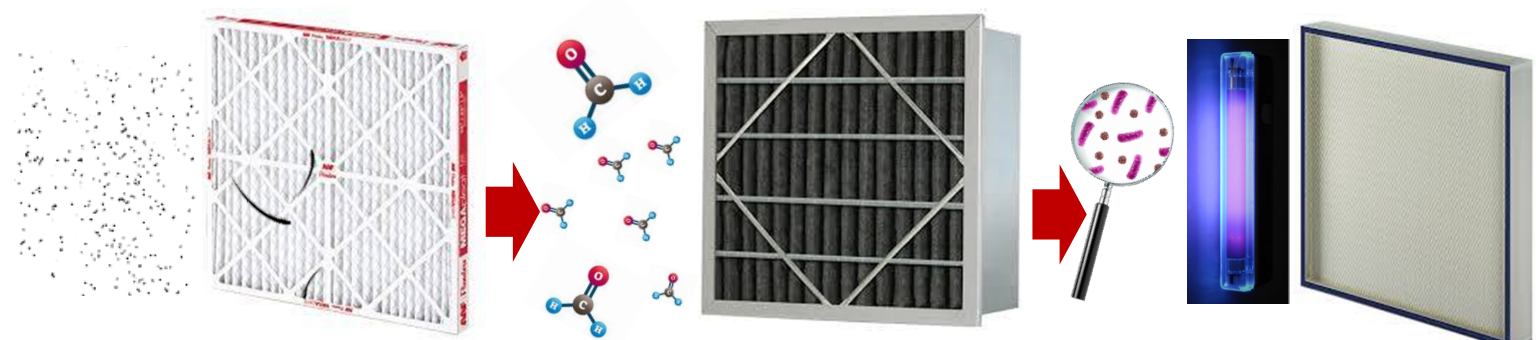
Third-stage AstroCel® II HEPA filter with UV light is able to remove particles of 0.3 microns and smaller particle sizes indoor fine particles which includes most bacteria and virus.

✓ UV Light:

UV light is highly effective at decontamination because it destroys the molecular bonds that hold together the DNA of viruses and bacteria.

✓ Airflow 450 CMH

✓ Area 25 sq.m. (6 ACH)



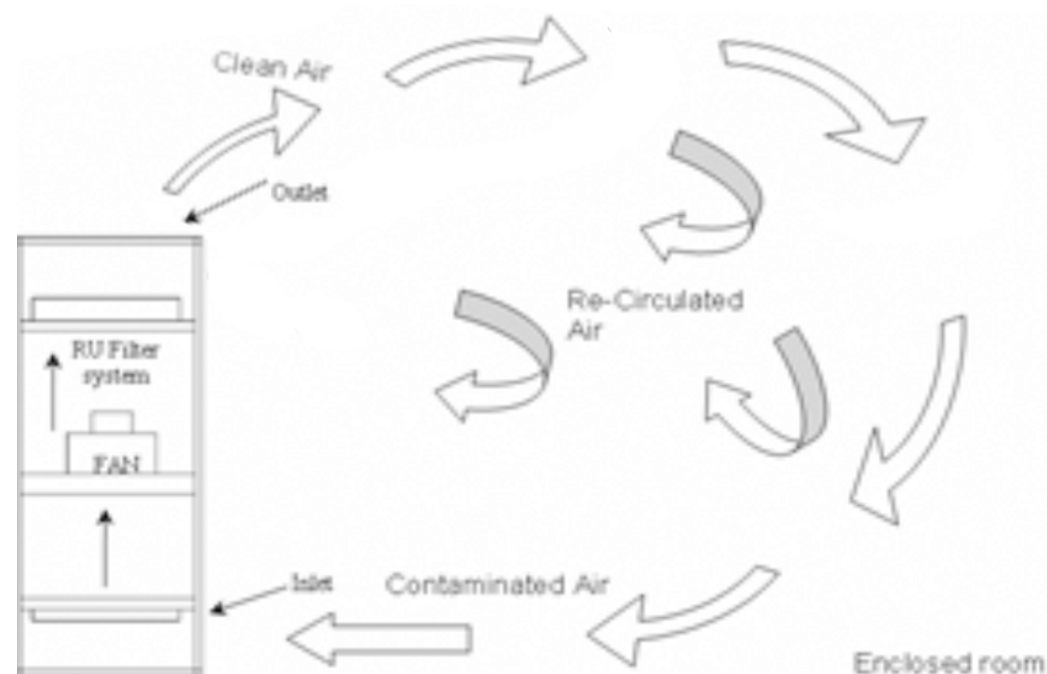
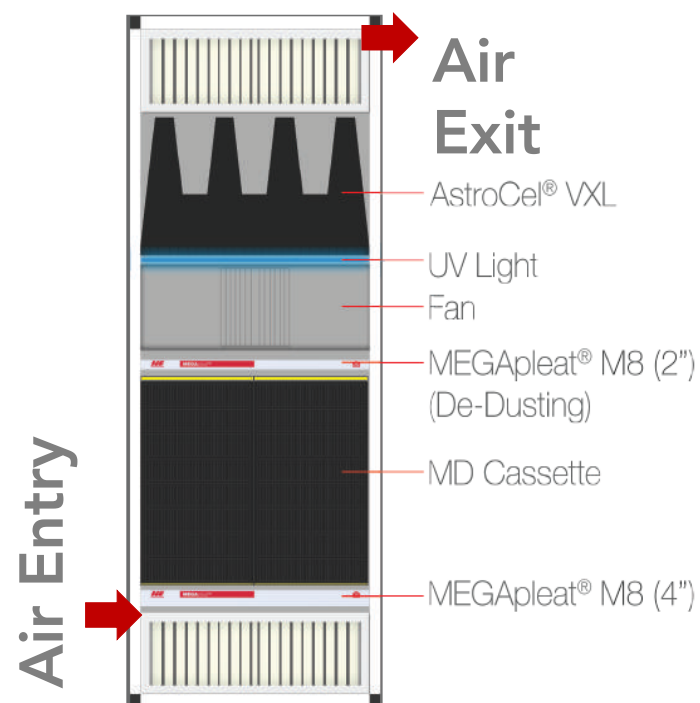
MEGApleat® M8
Coarse panel filter

VariCel® RF/C
Gas filter

AstroCel® II
HEPA filter

Recirculation Unit: A stand-alone Air Purification System

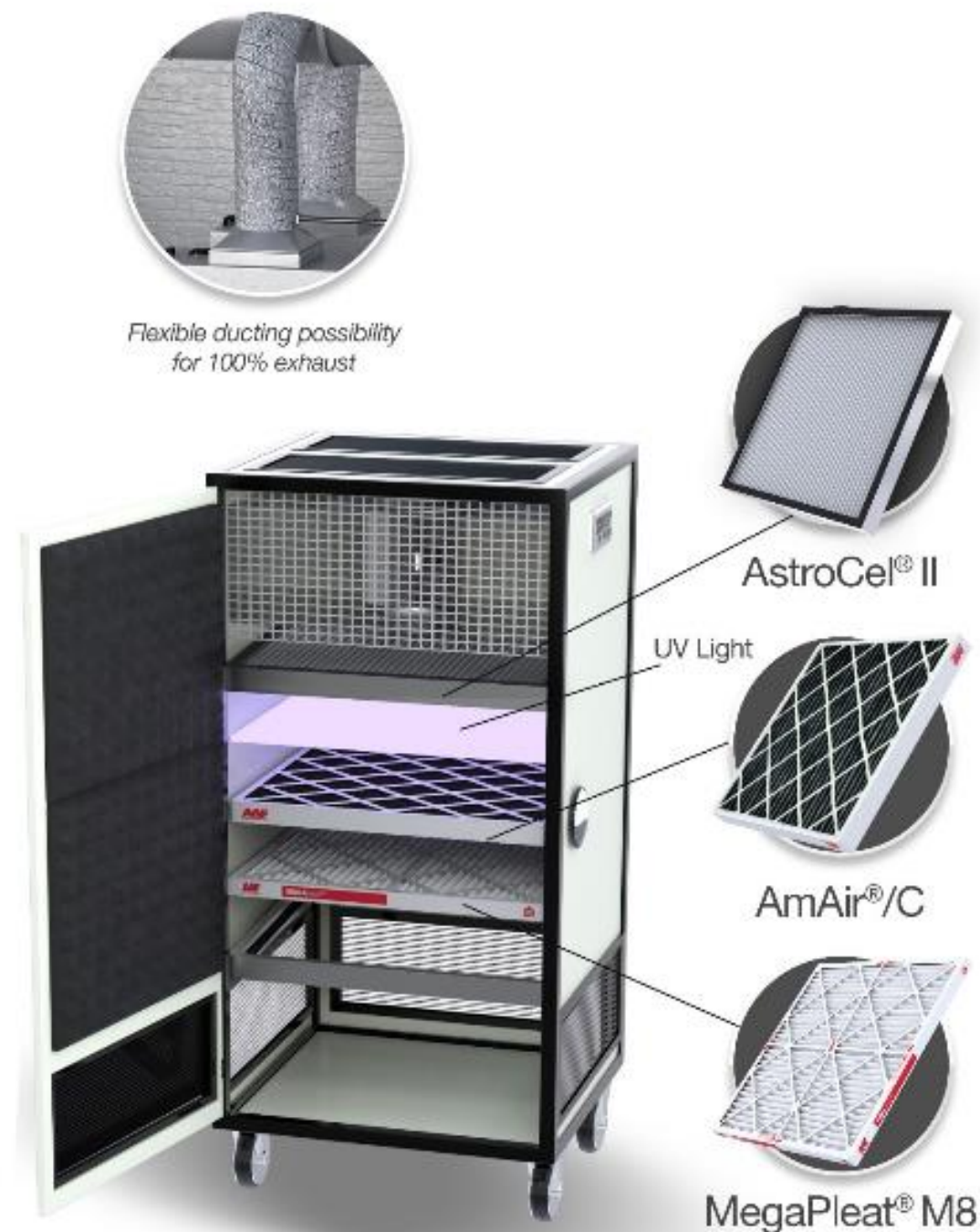
- ✓ A stand-alone complete air purification system to recirculate and clean the air in a controlled environment.
- ✓ It combines particulate, gas-phase and high efficiency filters to remove airborne particles, gaseous contaminants, virus, bacteria, fungus and molds to provide total clean air solution. Filtration stages can be customized.
- ✓ Pre-filter to prolong the life span of a higher efficiency filter, gas-phase filter to effectively remove odor problems, final filter to remove fine particles, virus, bacteria, fungus, molds with the efficiency of 99.99% at $0.3\mu\text{m}$. UV light optional.
- ✓ Size ranges from 500 – 4,000 cfm with double wall construction with VFD option.



Advanced HEPA Filtration – AstroPure 500

For healthcare facilities, isolation rooms and infection control areas

- ✓ Type: Portable / stand-alone floor standing unit
- ✓ Overall Dimension: 1298.5 x 800 x 714
- ✓ Air Flow Capacity: 500 CFM
- ✓ Electricity and Power Consumption 230 V / 1- Phase / 60 Hz
/ IP54 / Class B (0.37KW)
- ✓ Motor: EC Centrifugal Fan
- ✓ Construction: PU Insulated casing with castor
- ✓ Overall Weight: Estimated Shipment weight is 54kg
- ✓ Warranty against Manufacturing Defects: 1 Year
- ✓ UV light: Germicidal lamp 200-280 nm
- ✓ System Efficiency: H14 99.995% at MPPS as per EN1822
- ✓ Sound Level: < 53.7dB



PurAir®350C

Real Time Installations

Solution for Hospital



Solution for Hospital



Solution for Ambulance



Solution for Hospital



PurAir1700T

Solution for Hospital



PurAir1700T

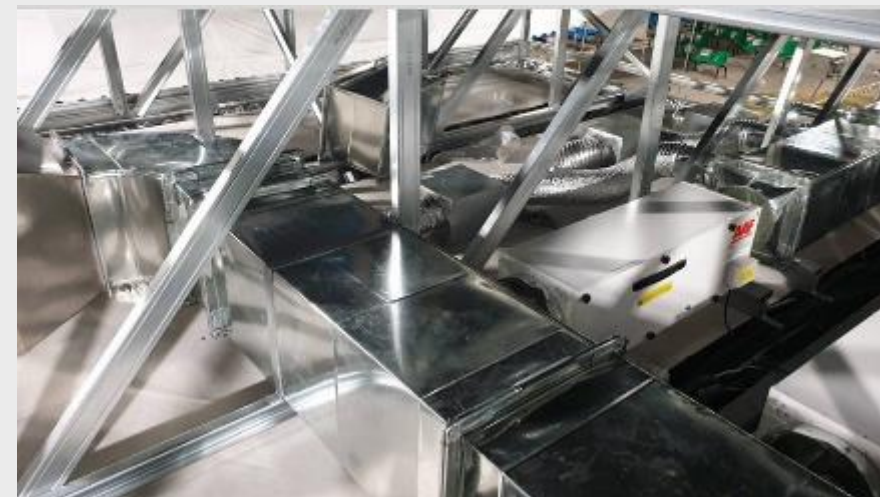
Solution for modular swab units



Solution for modular swab unit and tele-monitoring system



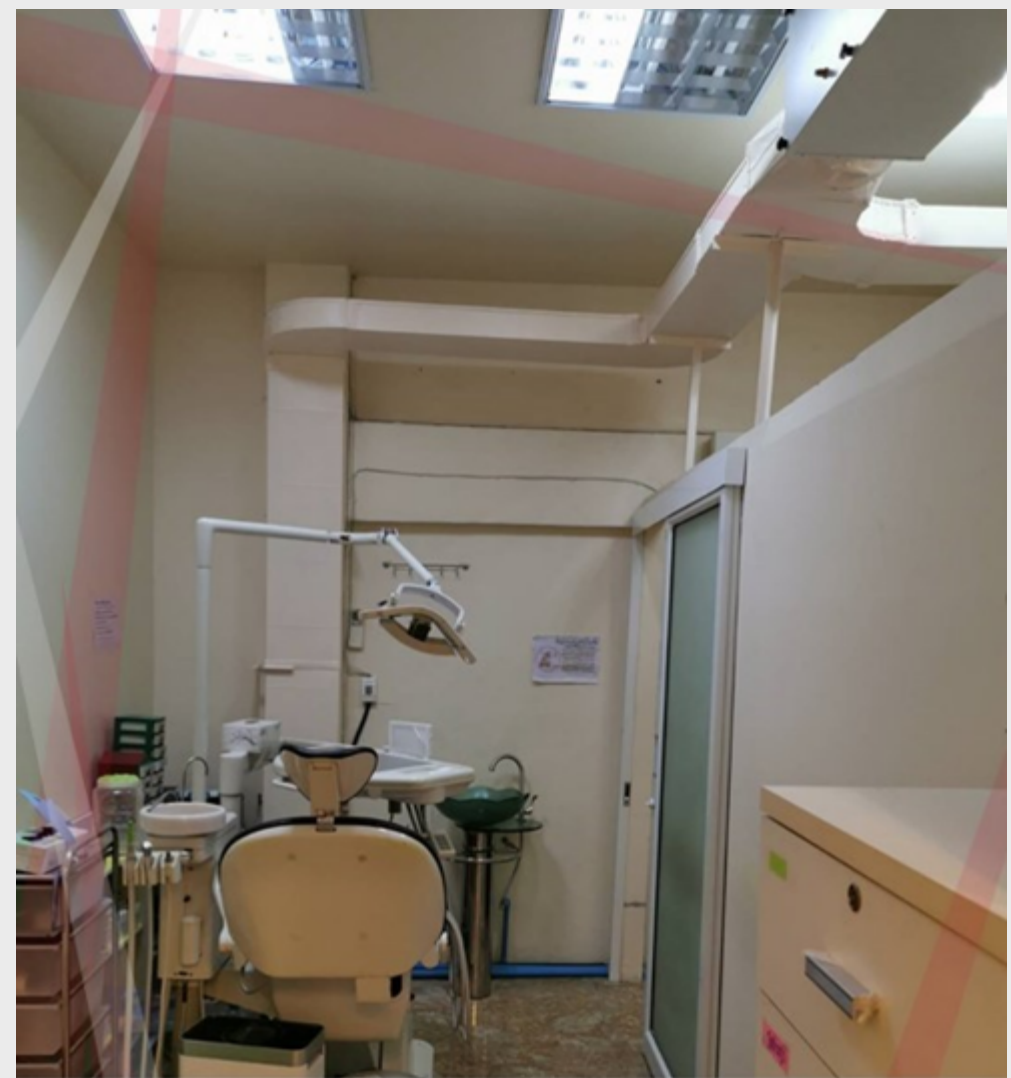
Solution for Modular Screening and Swab Units



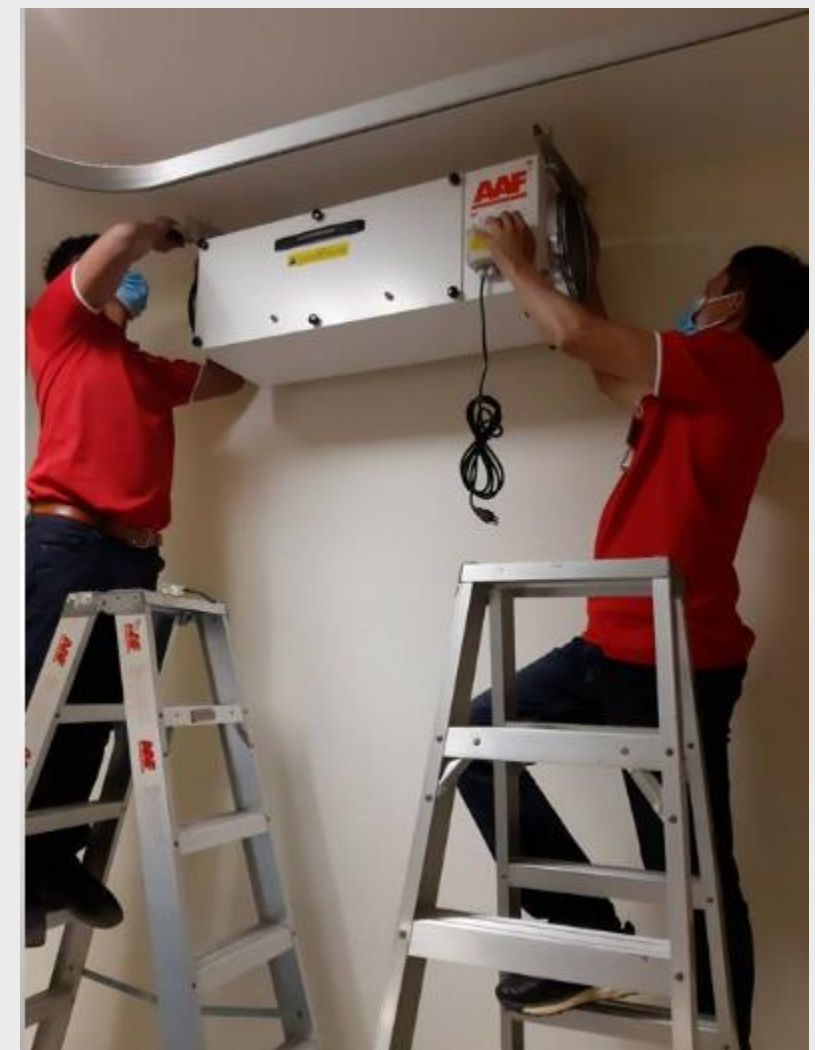
Solution for Isolation Stretchers



Solution for Dental Clinic



Solution for Consultation Room



Solution for Converting a Standard Lab into a COVID-19 Testing Lab



Application Segments Others

Occupant safety- **Hospital stretcher**

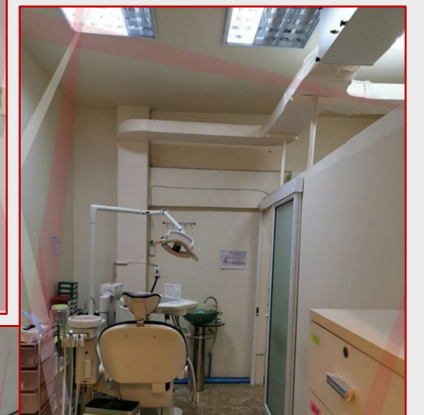
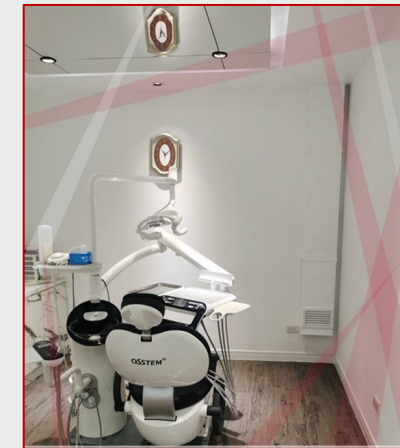


Occupant safety- **Ambulance**



Occupant safety- **Mobile ICU vans**

Occupant safety- **Dental clinics**



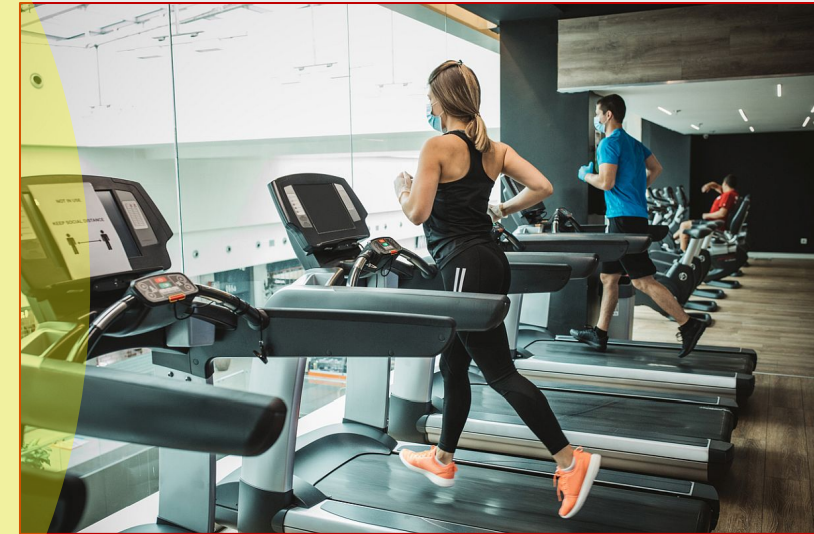
Occupant safety- **Cosmetic surgery clinic**



Occupant safety- Embassies/Banks/Govt Building



Occupant safety- Gyms



Occupant safety- International schools/Universities



Occupant safety- Cafes and Restaurant



Occupant safety- Beauty salons



Occupant safety- Key government buildings



Pure air is life.TM
Pure air is right.