

T O W A R D S I N D I G E N I S A T I O N



MR
STRATEGY
& DEFENCE

C O M P A N Y B R O C H U R E

ABOUT US

We lead ideation and implementation in the converging era of technological innovations for our clients. Innovative applications of AI, VR, AR, Blockchain, SDR, LTE, Modern Networks, Comint Sigint & Elint, Surveillance projects like LRC and PIDS, AI and ML IoT, Deep Sense, and Data Security Cyber Watch in the form of new processes, business models, and monetisation engines that we ensure to reach respective milestones in a focused manner where necessitated.

Our teams provide comprehensive end-to-end consultation to help identify gaps and opportunities, a comprehensive report that includes a project plan with timelines and milestones, cost analysis, and a schedule. We also offer a suite of quality indigenised products that will help you quickly and efficiently arrive at your desired goals and deliverables.

We are devoted towards our clients, to help them grow to be a part of the indigenous defence and commerce eco-system and realise the 'Atma Nirbhar' mantra for India. To strategically place them at a definitive global position to harness self-dependence. Taking firm steps towards indigenisation!



AEROSPACE & DEFENCE



HEALTHCARE



EDUCATION



INFORMATION TECHNOLOGY & MEDIA



SMART & SAFE CITIES



INFRASTRUCTURE & MANUFACTURING

AstroPure® 500

Advanced HEPA Filtration
Standalone Recirculation Unit

Deter the
spread and
breathe
COVID-FREE
PURE
AIR

Portable HEPA Filtration System

A portable 4-stage air-filtration system with numerous infection control applications for healthcare facilities.

FEATURES

- It can be used as a portable system for movement from room to room on its stable, easy-to-move caster cart. If desired, it can be removed from its cart for operation as a fixed device.
- The AstroPure 500 is designed specifically to enable a healthcare facility to quickly and inexpensively convert a standard patient room to a negative pressure isolation room. It can also be rolled into an ER, OR, ICU, or radiology suite when an airborne infection isolation room is required. It can be used as a recirculating device in outpatient clinics, waiting areas, and other common use areas where the status of patients and visitors is unknown.
- This powerful system delivers up to 500 CFM operating airflow at the high speed setting. As a result, the AstroPure 500 can typically provide above 12 air changes per hour in rooms up to 2,500 cubic feet. Variable speed controls enable the AstroPure 500 to be run at lower speeds where less airflow is required.



CLEAN AIR IS A HUMAN RIGHT.

The first-stage coarse panel filter is used to effectively remove indoor large particles, dust and hair.

The second-stage gas-phase filter can effectively remove indoor TVOC, odors, harmful gases, such as formaldehyde.

Third-stage HEPA filter can remove indoor fine particles such as PM2.5, PM1 and bacteria and virus.

Fourth-stage broad-spectrum germicidal UV light which has wavelengths between 200 and 400 nanometers (nm), is highly effective at killing bacteria and viruses by destroying the molecular bonds that hold their DNA together.



MEGApleat®M8

Stage I: Pre-Filter

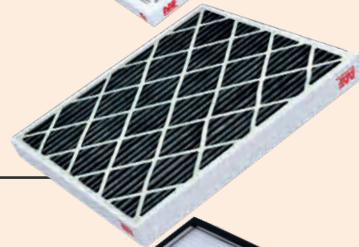
Extended Surface Pleated Panel Filter



AmAir®/C

Stage II: Carbon Filter

Gas-Phase Filter



Astrocel®II

Stage III: HEPA Filter

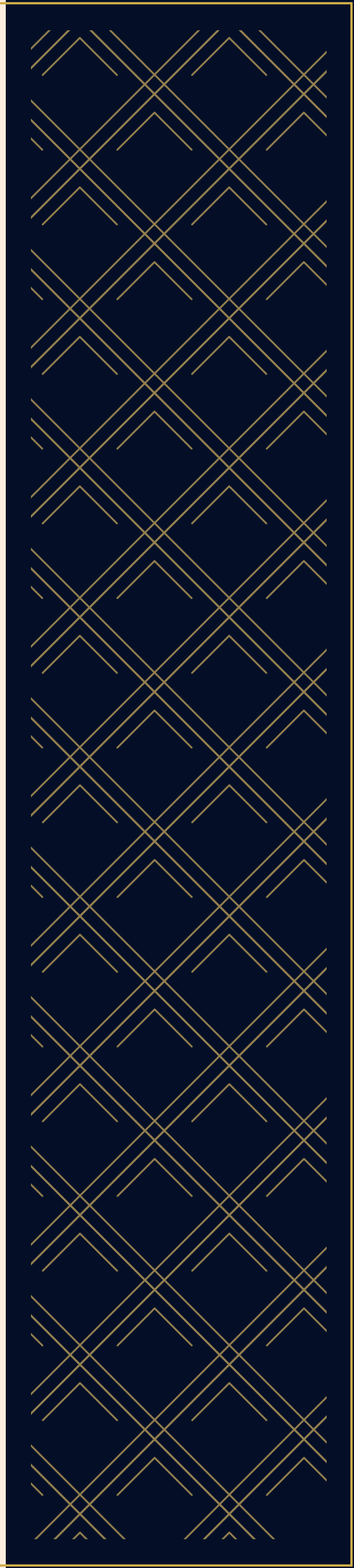
HEPA Filter



UV Light

Stage IV: Decontamination

Broad-spectrum germicidal UV rays



T O W A R D S I N D I G E N I S A T I O N



M R STRATEGY & DEFENCE