

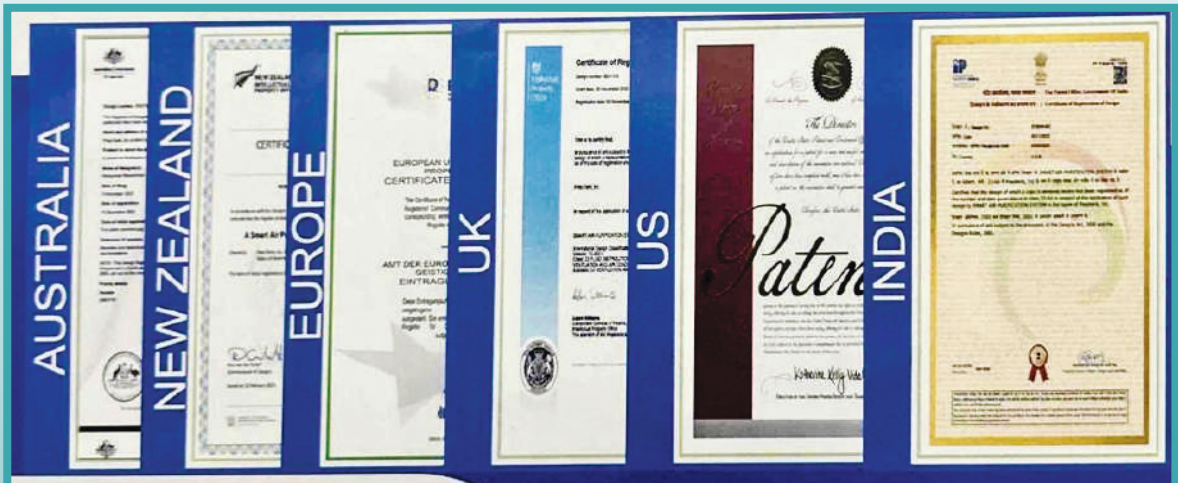
# “ASHRAE 241-2024 guidelines recommends Filtered Recirculated Air through In-Room Air Cleaning Systems for Infectious Aerosol Reduction”



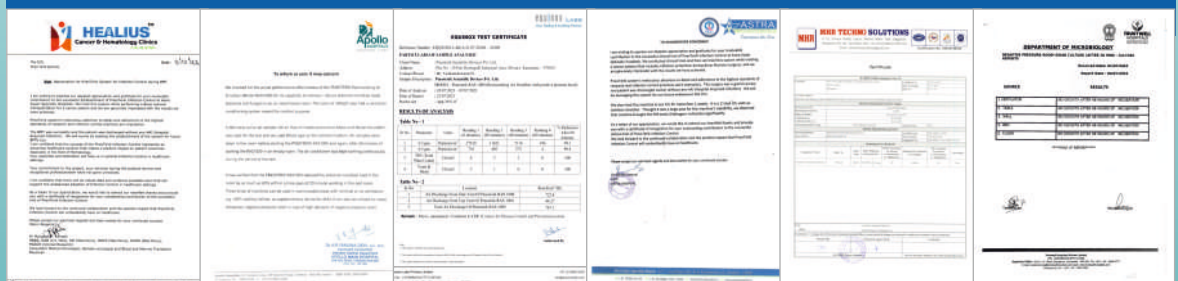
Our commitment for effective  
**Infection Control Eco-System**



INNOVATIVE **PATENTED TECHNOLOGY** THAT SAVES ELECTRICITY AND REDUCES CARBON FOOT PRINTS



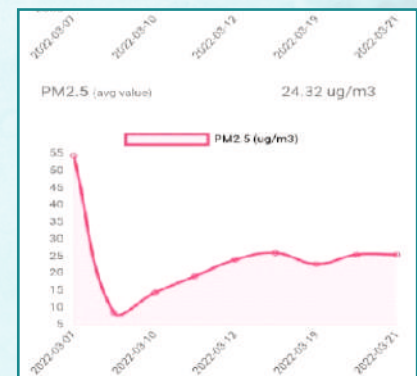
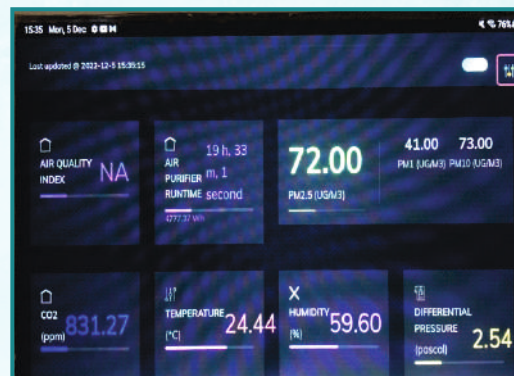
## TESTIMONIALS & ACKNOWLEDGMENTS



## Sterile IAQ – An Indoor Air Quality Monitoring Device to measure & monitor real time air quality parameters

Surveillance is an important components for an effective infection control program.

- IAQ Parameters** : PM 0.5, PM 1.0, PM 2.5, Co2, Temperature & Humidity
- Access** : Real Time Live Data in Mobile App
- Ports** : Power, Data, SD Card
- Enabled** : Wi-Fi, IoT SIM & Bluetooth
- User Friendly** : Data Analytics and Reports



## Sterile-360 - Medical Grade Infection Control System to measure, monitor and PURIFY the Indoor Air that helps to Prevent pathogen spread and maintain sterility



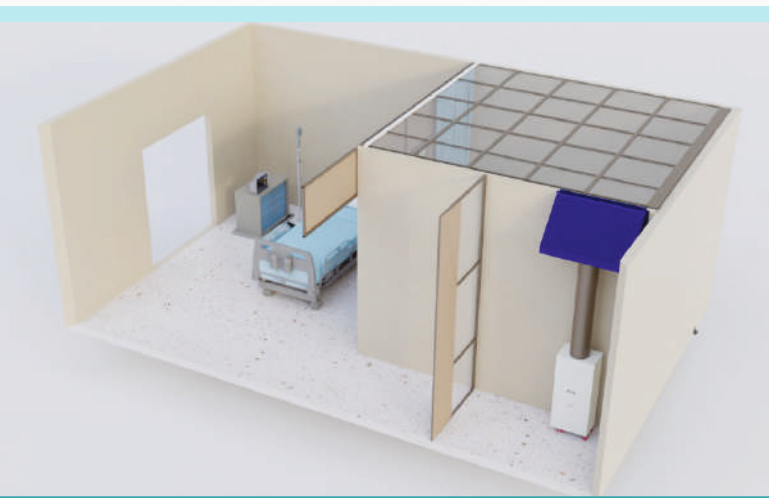
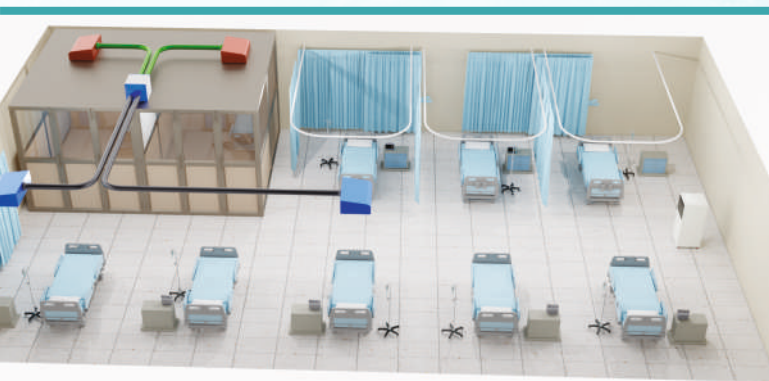
- ▶ Purifies & Maintains: PM 2.5, PM 1.0, CO2, Temperature & Humidity.
- ▶ Efficiency: 90% Decay in 25 mins, 12 ACPH up to 500 sq ft area.
- ▶ Access: Real Time Live Data in Mobile App Controlled system.
- ▶ User Friendly: Plug and Play Readily built-in system.
- ▶ Guidelines: Complies to CDC/WHO norms & NABH recommendations.
- ▶ Areas of Application: Operation Theaters, ICU/CCUs, Isolation Wards.

### BENEFITS

- Reduces Cost. Increases Revenue.
- Improves Minor OT Availability.
- Monitors, Measures and Purifies Minor OT.
- Eliminates Frequent Culture Tests.
- Ensures Full Sterility.
- Sterile IAQ Data Available in Mobile App.
- Mitigates Disadvantages of Fumigation.



## **Negative Pressure Enclosure (NPE) : To Treat Infectious patients; protect other patients & Health Care Workers**



- ▶ **Maintains pressure difference and Sterile ambience.**
- ▶ **Individual Chamber per patient ensures full isolation.**
- ▶ **Isolation beds within wards/ICUs along with a Sterile-360 machine.**
- ▶ **Reduces initial investment and running costs; ROI < 2 years.**
- ▶ **Saves Capex and running costs compared with conventional AHU.**

**\*Conversion of PE room to an All room and viceversa is not recommended since directional airflow is compromised.**

## Positive Pressure Enclosure (PPE): To Treat Organ Transplant and BMT Patients for a safe and quick recovery

- ▶ Full Sterile ambience, maintains up to 20 Pa positive pressure.
- ▶ Ideal for All Organ Transplant during post surgery isolation.
- ▶ Faster recovery and less chances of infection.
- ▶ Reduces initial investment and running costs; ROI < 2 years.
- ▶ Saves Capex and running costs compared with conventional AHU.

