



Its time to Automate & Integrate
A Complete Turnkey Hospital Project with
an Precision-Engineered design

ABOUT US

Founded in February 2008, Medi Clean India is a recognized leader in the design and manufacture of precision airflow control systems for use in critical room environments. Our customers include leading pharmaceutical companies, universities, hospitals, government research facilities, and industrial corporations. We offer innovative,technologically sound airflow and pressurization control solutions that combine unparalleled safety and performance with value and energy savings.

You will find Medi Clean India Controls' systems operating worldwide in laboratories, vivariums, hospital spaces, pharmaceutical process areas, clean rooms, open bench labs, and bio containment facilities.

WHY US ?

Mediclean India are available in the market to give us tough competition but we stood out of the crowd with our dedication, unique product range, and customer satisfaction. This success has become possible just because we have never compromised with quality. Along with superior quality below are some more attributes that helped us become popular and a well-running organization in the Cleanroom Project.

Commitment: We are committed to fulfilling the expectations of our clients in every sense like price, quality, support, etc.

Management process: We strictly follow the work methods, practices, controls, and other aspects to improve the quality of the product, productivity, production system, and services.



PROJECT
PLANNING



DESIGN



PRODUCTION &
INSTALLATION

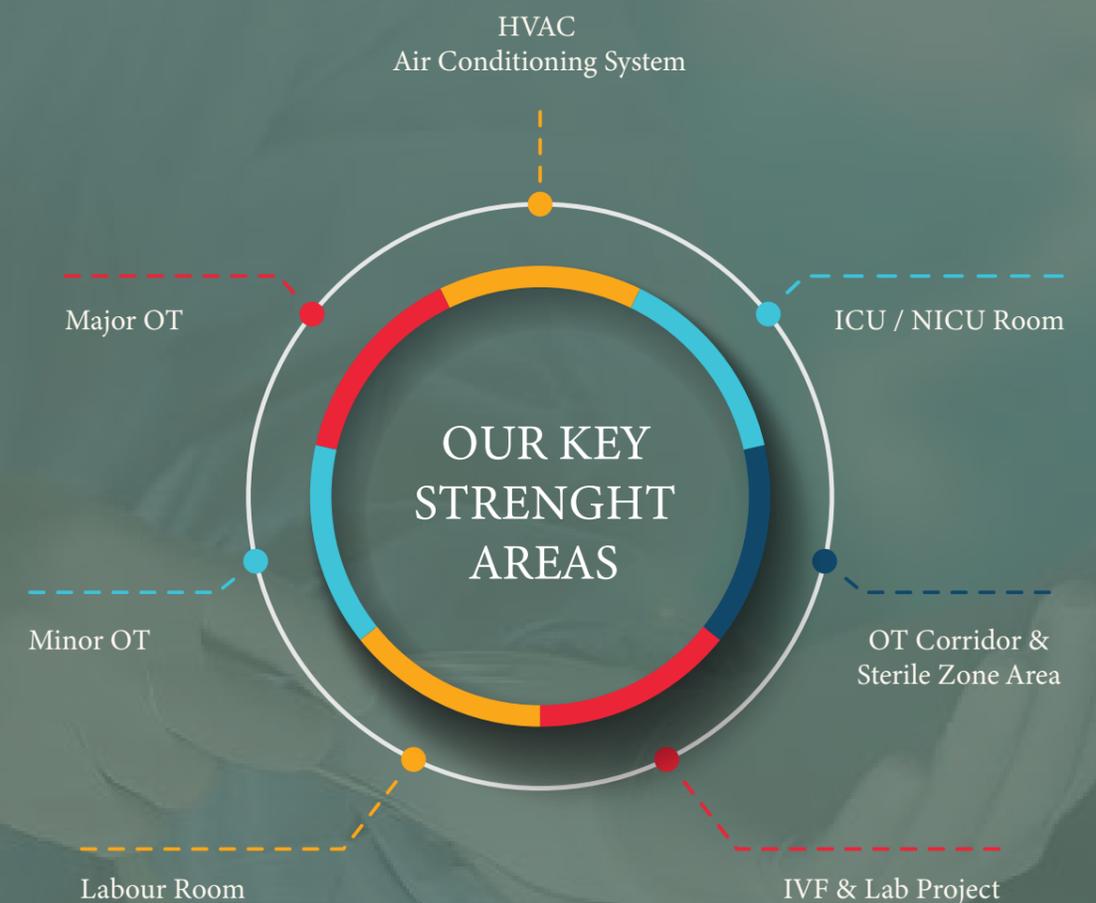


SET-UP
VERIFICATION

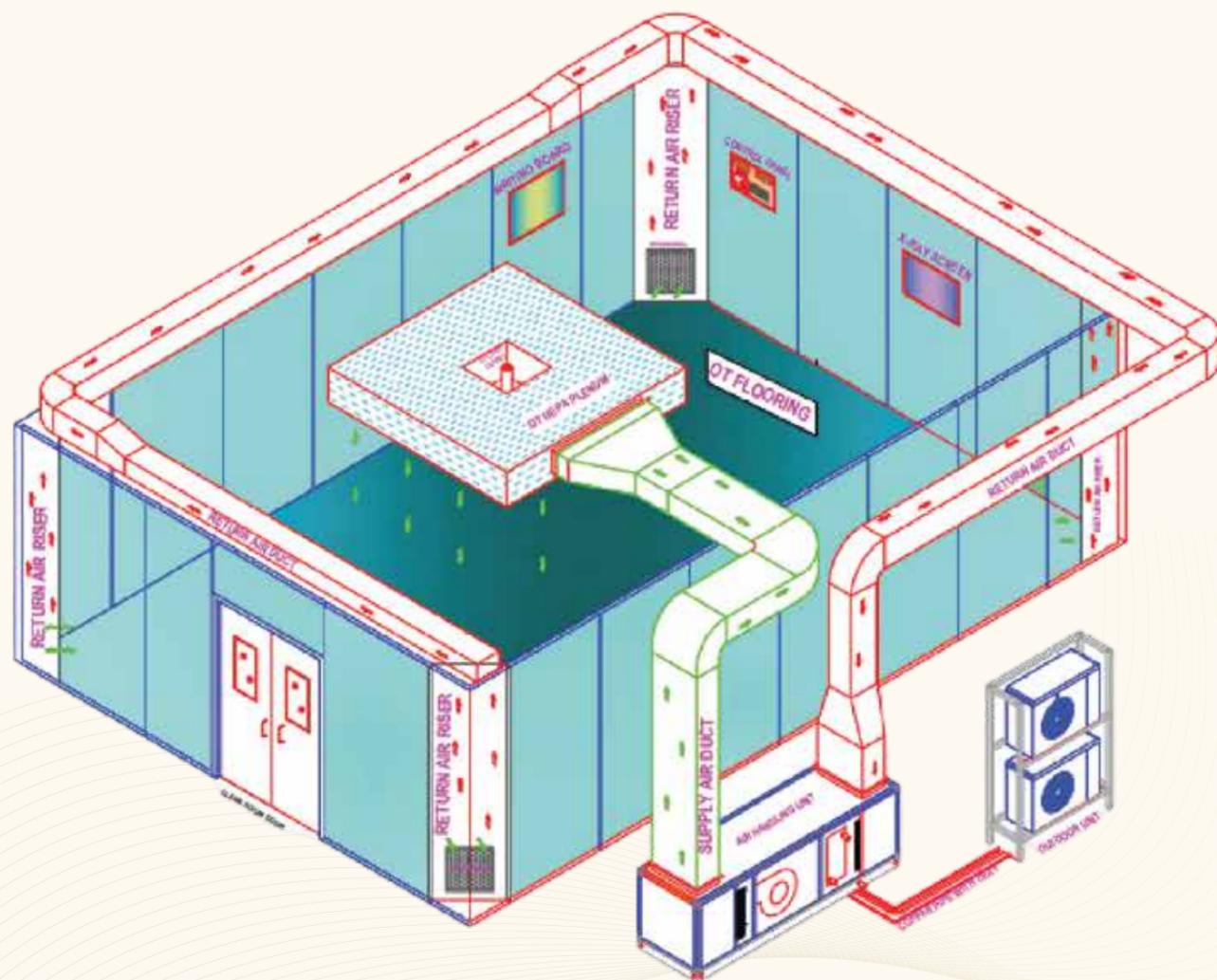


MAINTENANCE

We ARE STRICTLY FOLLOW NABH GUIDELINES

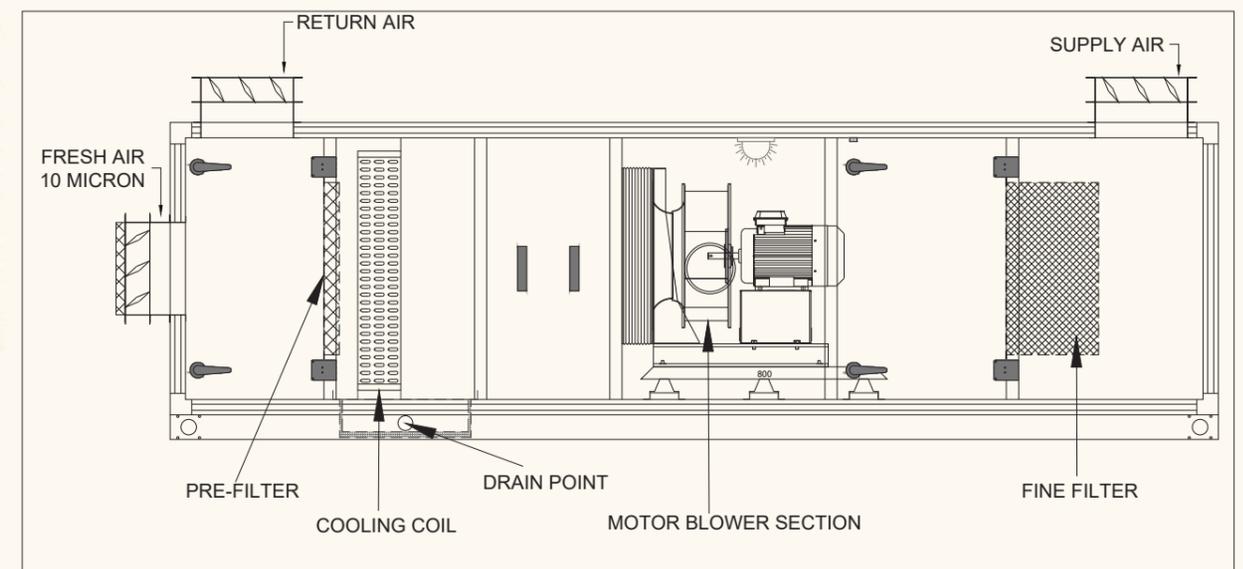


CONCEPT DRAWING FOR HVAC



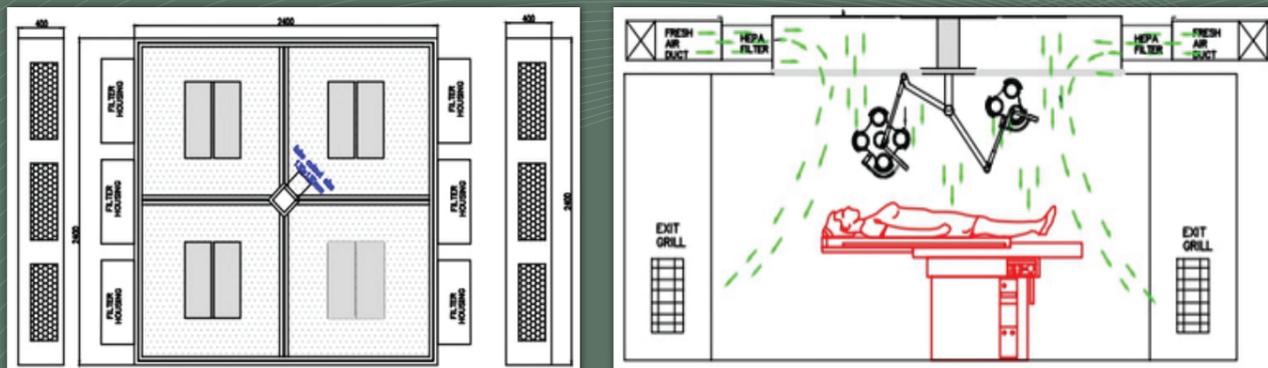
AIR HANDLING UNIT (AHU)

Our innovative AHU ensures superior air quality with advanced filtration systems, robust construction, and efficient pressure management. Featuring precision dampers and sophisticated control panels with Variable Frequency Drives (VFD), it provides optimal control over airflow. The addition of high-quality components and adaptable blower options guarantees reliable and efficient air handling. Experience the pinnacle of air purification with our cutting-edge technology, designed for both durability and performance.



LAMINAR AIR FLOW

Laminar revolutionizes OTS with cutting-edge technology and customized solutions, ensuring seamless integration and enhanced efficiency. Our advanced filtration system upholds the highest standards, delivering precise filtration for optimal performance. We offer comprehensive HVAC systems, with all our products designed to meet your operational needs. From air handling units to ventilation systems, our entire range of solutions is engineered for excellence. Experience unmatched reliability and sustainability with Laminar. Choose us for operational excellence and a commitment to a greener future..



HVAC SYSTEM



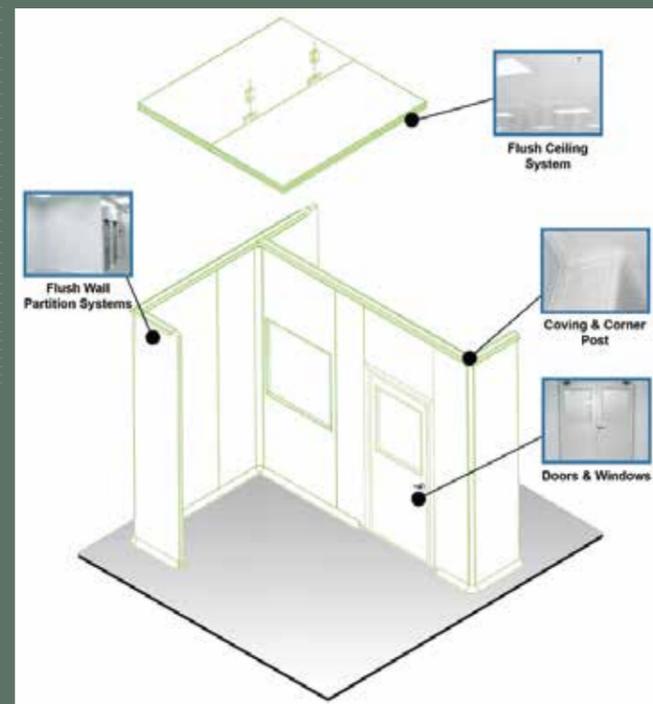
MODULAR OPERATION THEATER

MODULAR OT CONCEPT DRAWING



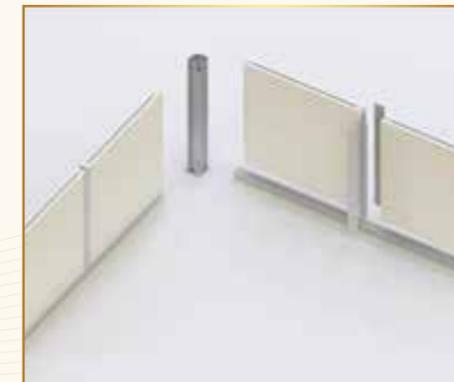
PREFABRICATED WALL & CEILING SYSTEM

MCI has Developed innovative Panelling systems for walls and ceilings. Our wall & Ceiling panel structure shall consist of insulated wall panels thickness between 50-80mm with core consisting of rigid polyurethane foam injected under high pressure with a minimum density of 40 kg /m³.



PCGI PUFF PANEL WALL & CEILING

PPGI PUFF PANEL WALL & CEILING



WALL & CEILING CLADDING SYSTEM

PVC SHEET

Providing, Fixing, Supply, Installation And Commissioning of Antimicrobial PVC Sheets With Authorized Accessories In 1/2/ 2.5mm Thick Wall And Ceiling Sheets or Equivalent Shall Be Supplied In Colour As Approved

Manufactured With Silver Ion Technology Sourced From Polygiene Biomaster And Warranted For 20 Years Towards Antimicrobial Properties. Anti-bacterial Sheets or Sheets Manufactured From Zinc Oxide or Other Shall Not Be Acceptable. The Sheets Shall Be Incorporated With Anti-fraud Detection With Laser Tagging For Antimicrobial Properties.

The Antimicrobial Wall & Ceiling PVC Sheets Along With Welding Rods Shall Be Certified Under ISO22196 By Polygiene And Imsl - Industrial Microbiological Services Limited For E. Coli And Mrsa. Make In UK



VINYL WALL & CEILING



SOILED MINERAL SURFACE / CURIAN (SMS)



ALUMINUM COMPOSITE PANEL (ACP)



CALCIUM CILIATE SHEET WALL & CEILING

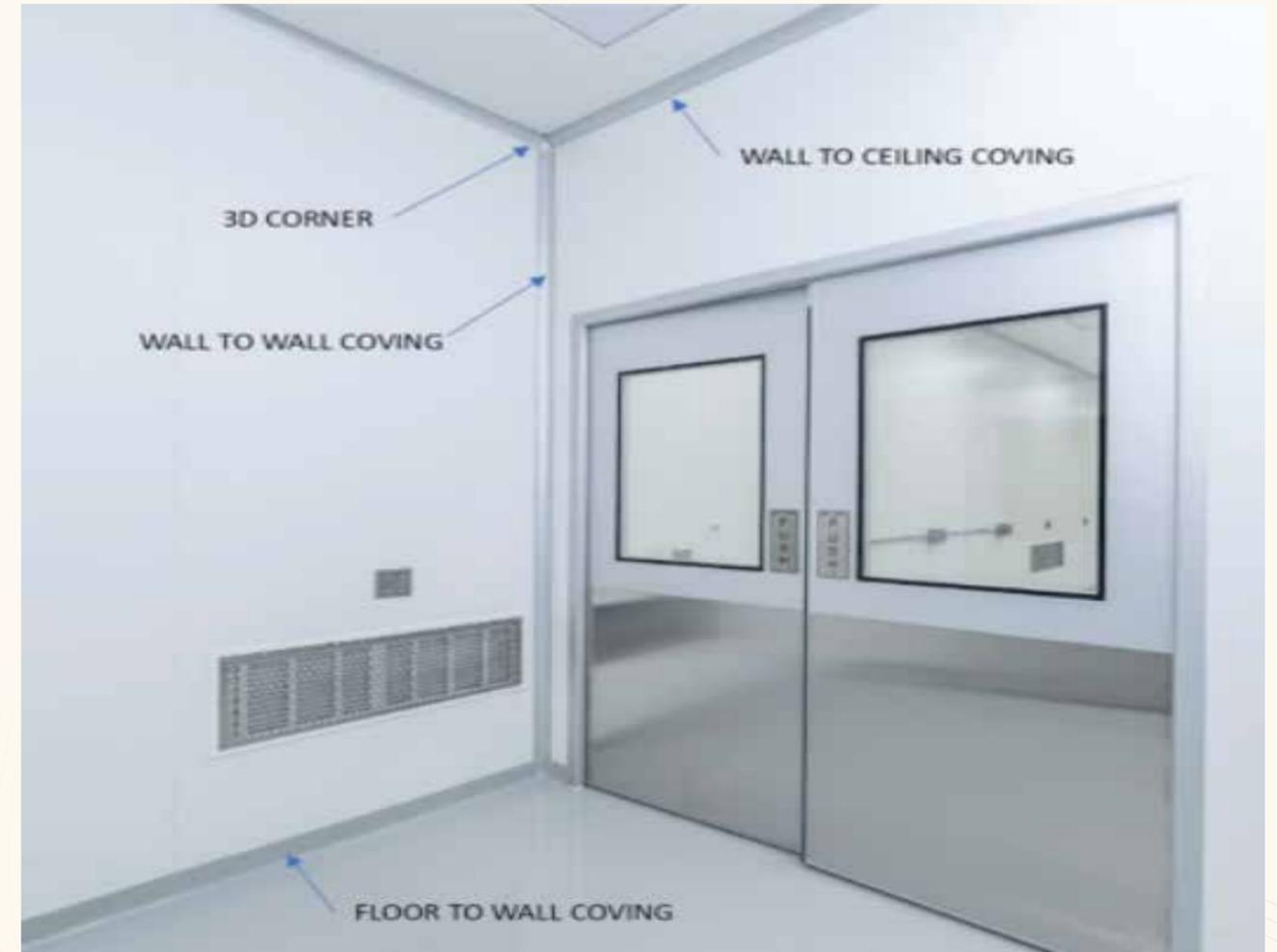
COVING WITH 2D 3D CORNER

Our Coving helps reduce trapped dust and contaminants within the cleanroom environment by providing a rounded edge to every corner of the room.

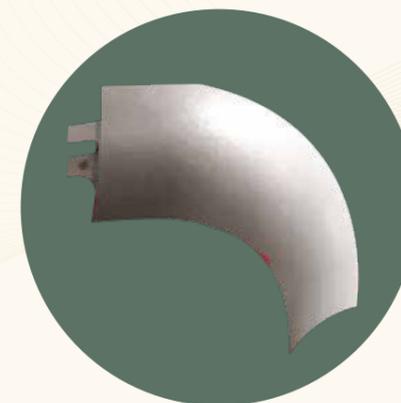
Internal, all the floor to wall, wall to wall & wall to ceiling joints shall be properly coved (rounded) so that there is not any dust deposition in the joints with radius. The three-way corner covings shall be provided wherever required.



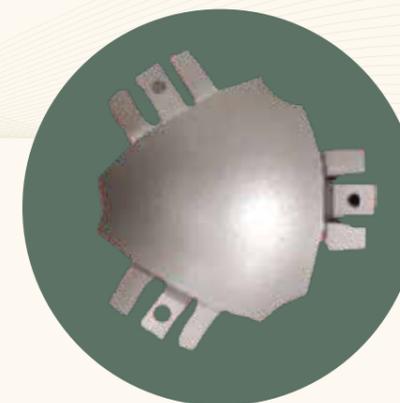
STAINLESS STEEL WALL & CEILING



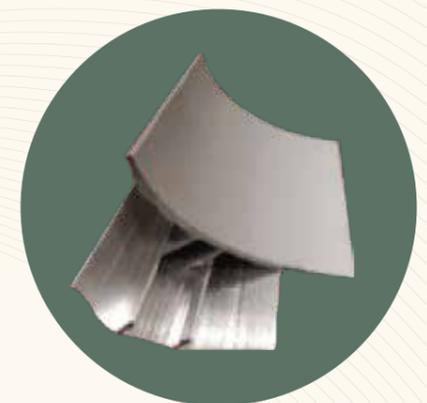
HIGH PRESSURE LAMINATE WALL & CEILING ((HPL))



EXTERNAL COVING



3-WAY CONNECTING



45°COVING

HOSPITAL DOORS

MCI manufactures specialized doors for use in modular operation theatres. These are generally automatic sliding type, hermetically sealed doors with Dier sizes of door panels. Doors are equipped with intelligent drive and Control system. Mci doors are compact, safe, reliable, robust, low weight, silent and easy to clean. Doors manufactured by mci conform to all relevant Standards



AUTOMATION & MANUAL DOORS (SLIDING)



HPL SWING DOOR (SINGLE / DOUBLE)



PCGI SWING DOOR (SINGLE / DOUBLE)

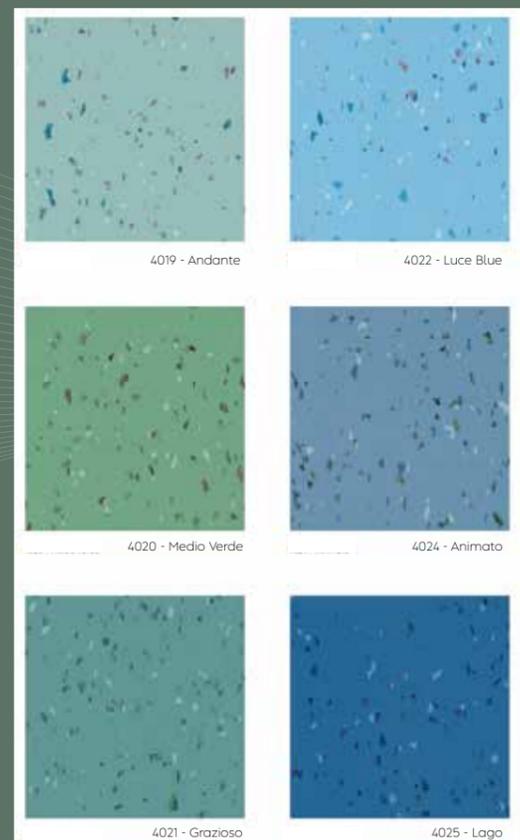


STAINLESS STEEL DOOR (SINGLE / DOUBLE)



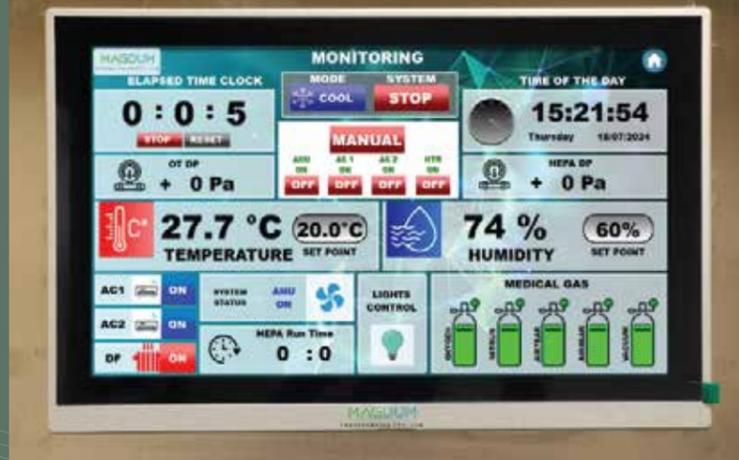
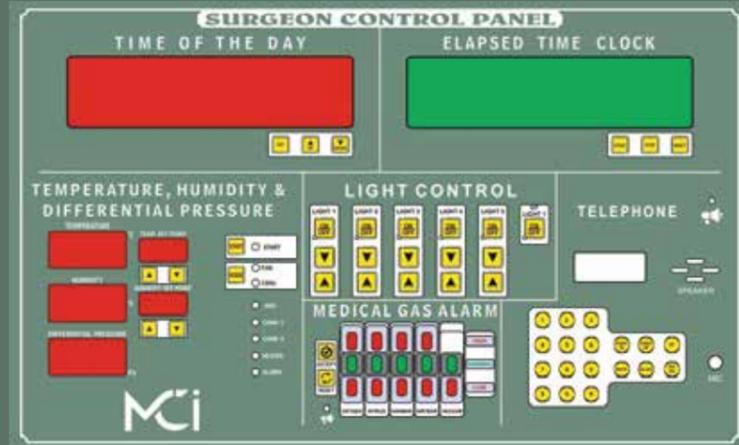
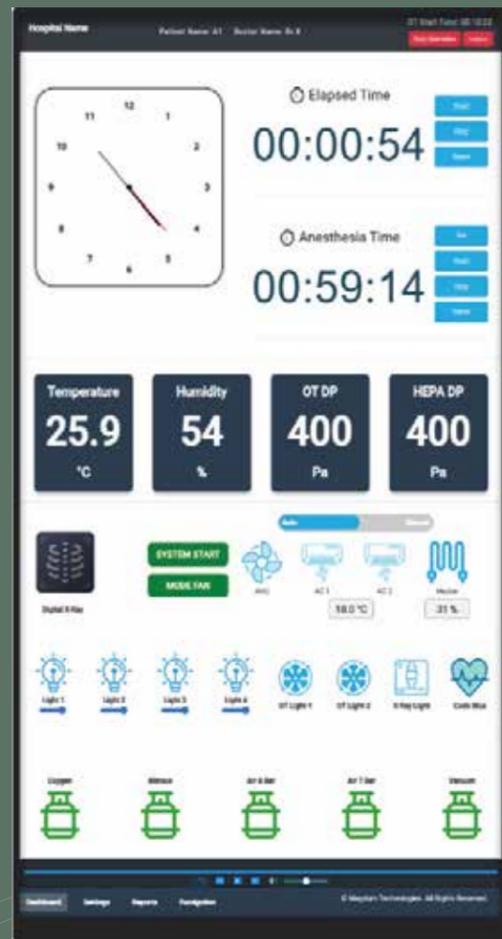
VINYL FLOORING

Horizontal and Vertical Laminar Airflow @Grill level designed to meet Class 100 (ISO-5) and Class 10000 on OT Table both are manufactured by us. With Design AHU System - per hours 20 Air changes Air Velocity - 25/35 FPM. Air Filtration, Return Air Riser Grill - 20 Micron Filter before cooling coil - 10 micron in Return Air Mixing Chamber With Fresh Air after Motor Blowers 3 Micron Filters, Hepa Filter 99.97% Down to 0.3 microns in OT Room.

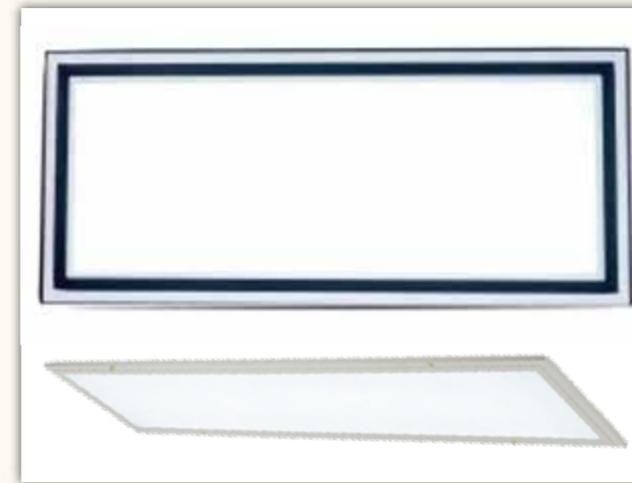


OPERATION THEATER

SURGEON CONTROL PANEL TOUCH & MEMBRANE



LED PERIPHERAL ROOM LIGHT



(PRD) PRESSURE RELIEF DAMPER



MAGNETIC WRITING LIST BOARD



STORAGE UNIT



LED X-RAY SCREEN



PASS BOX / HATCH BOX STATIC & DYNAMIC



SCRUB SINK MANUAL AUTOMATION



PENDANT – SURGEON & ANASTHESIA



OPERATION THEATER LIGHT



3D PRINTED GLASS WALL & CELLING

ANTIBACTERIAL & ANTI-FUNGAL PAINTING FOR OPERATION THEATER

Antibacterial & Anti-Fungal Painting is a superior quality, special 100% pure acrylic based emulsion paint which ensures good indoor air quality. We offers resistance against bacterial and fungal growth and has very low flame spread.



ICU & NICU ROOM



HOSPITAL CORRIDOR

Antibacterial & Anti-Fungal Painting is a superior quality, special 100% pure acrylic based emulsion paint which ensures good indoor air quality. We offer resistance against bacterial and fungal growth and has very low flame spread.



IVF LAB PROJECT

An IVF laboratory requires a sterile, stable environment with specific design specifications, including ISO 8 standards for clean zones (temperature of $21 \pm 3^{\circ}\text{C}$, 55% RH, $10 > 15-20$ air changes per hour). The design must also prioritize low-VOC materials, appropriate air filtration and pressure, specialized.





MCI

MEDI CLEAN INDIA

Enhancing Healthcare with Engineering

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