

PASS BOXES :

Static & Dynamic pass boxes are made up of with SS 304/SS 316, to maintain the class in area and minimising the man movements.

Static Pass boxes are provided with Electromagnetic lock, Fluorescent light and UV light.

Dynamic pass boxes are provided with Electromagnetic lock, Fluorescent light and UV light. Supply air with GI filter of 0.1 μ return air flow of 0.3 μ with SS filter, maintains the constant air flow.



DISPENCING BOOTH:

Design to control the hazardous emission of dust during powder dispensing with 0.3 mic downward air borne deflect dust from the operator. Dust particles filtered at various levels of filtration prior to the circulated back to the booth air system.

HVAC SYSTEM:

CRTechnologies is the best in class for HVAC systems to serve Pharmaceuticals, Biotechnology, Electronic industries, Hospitals and other allied segments

CRTechnologies provides the single / double skin AHUs for class 100 to class 100000 from 1000 cfm onwards.

The design of the HVAC system will be based upon the clean room suite that it serves, and will be affected by factors such as the number of rooms served, the layout of the rooms, the equipment within the rooms and, most critically from a qualification perspective, the environmental conditions that the rooms must achieve.

Complies with IS stds, BSS5295, US FED Std.209 as per GMP norms

Smooth and inside cleanable surfaces and sealed joints.

View panels and factory fitted lights for cabin sections

AHUs are with high performance and low noise. Base frame with GI

HEPA filters provided for controlling the air as per qualification of the area with constant air flow.



CR TECHNOLOGIES

CLEAN ROOM SOLUTIONS

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CLEAN ROOM WALL & CEILING PARTITIONS
DOORS & WINDOWS
MODULAR OPERATION THEATERS PASS BOXES
LAFS DISPENCING BOOTH, HVAC SYSTEM

CR TECHNOLOGIES

We our self CRTechnologies providing services to Pharma, Hospitals, Electronic Industries and other allied segments.

CRTechnologies are the best engineering expertise and excellent service provider for Turnkey projects for Clean room and HVAC. We have the top class products for clean room, Biotechnology industry.

Our moto is prompt and quality service in time. We have full fledge technical team to serve better.

RANGE OF PRODUCTS :

- ◆ WALL AND CEILING PARTITIONS WITH PPGI/SS
- ◆ DOORS & WINDOWS GI POWDER COATED/SS
- ◆ MODULAR OPERATION THEATERS
- ◆ PASS BOX, LAFS & DISPENCING BOOTHS
- ◆ AHU, HVAC SYSTEMS



WALL & CEILING PARTITIONS:

CRTechnologies clean room panels are design to smooth, easy to clean state of art flush wall and ceiling panels.

The panels are made with PU reinforcement radius curves on corners, non-shuddering, non-porus surfaces. The panels are made with PPGI/SS which is anti-bacterial and resist microbial, fungal growth as per clean room norms.

SPECIFICATIONS:

- Width of panel : 1200 mm/ as per site requirements
- Thickness : 40 mm – 100 mm
- Density : 40 kg/m²
- Joints : GI section for interlocking and levelling of the panels, sealing joints with silicone
- Bottom : GI angular section
- Top : Hanger support from RCC slab/M.S. Structure grid
- View panels : Flush double glazed view panels with double side adhesive tape of black and edges with black silicone sealant As per details of the facility design
- Covings : All vertical joint corners of wall to wall and wall to ceiling will be covered with Aluminium R-70 section and top with aluminium powder coated coving with R-50



DOORS & WINDOWS:

Doors & Windows are made with GI powder coated/ SS as per client requirement. The doors are flush doors with infill of honeycomb craft paper or pu reinforcement. Windows are flush to the walls section with double glazed glass and right round with silicone sealant.

