



DYNA

Integrity | Intelligence | Innovation



CLEANROOM SYSTEM

Cleanroom Partitions

Cleanroom Doors

Cleanroom View Panels



Cleanroom System



Dyna's Cleanroom Systems integrate with floors, ceilings, and mechanical components to provide highest level of safe environment with effective control of airflow, pressure, temperature, humidity and filtration. Cleanroom application is widely used in research laboratories, for biotechnology semiconductor, microelectronics, food and beverages, textile, hospitals, life sciences, pharma etc.

Dyna offers:

- Excellent Quality Insulation
- Fire Retardant Properties
- Light Weight and Fast Installation
- Strong and Rigid Design
- World Class Aesthetics



Cleanroom Partitions

Dyna offers wide variety of cleanroom wall panels in the industry in order to accommodate a variety of modular cleanroom applications.

FEATURES

Air Cleanliness

Wall system suitable for ISO 5 (class 100) to ISO 8 (Class 100,000)

Modular Wall System (Non-progressive & Progressive)

- A Non-progressive system allows easy installation & dismantling of without moving other panels
- A Progressive system is suitable for cleanrooms which needs minimal changes in future

Modular Walkable ceiling with standard load bearing capacity

Can bear Loads upto 180 Kg/m²

Factory Made Cutouts

Cutouts as per requirement to accommodate filter housings, light fixtures, diffusers, electrical sockets, pendants, riser grills etc.

Emergency Exit Panel (Single Glass)

The Glass can be destroyed to make a way to exit in case of emergency

Suitable for wide Cleanroom Applications in

- **Pharmaceutical:** Pharmaceutical applications require panels that can withstand repeated cleaning and sterilization with various chemicals to resist microbial and fungal growth.
- **Custom:** We offer Pre-painted, Powder coated & SS304 panels as per clients requirement.
- **Microelectronics:** Aluminum honeycomb panels tend to be the most popular wall panels chosen for microelectronics cleanrooms

Options of PUF/PIR/Rockwool Insulations available

Safety is more Important. We provide extra attention towards installation and safety



SPECIFICATIONS

Air Cleanliness	• Class 100 to Class 100,000
Material of Construction	• Pre-coated or Powder Coated GI • Aluminium • SS
Infill / Insulator	• Polyurethane Foam (PUF) • Rockwool • PIR
Finish	• Epoxy polyester/Pure polyester painted galvanized steel sheet
Density Of Insulation Material	• PUF-40 ± 2 Kg/m ³ • Rockwool- 48/96/144 Kg/m ³

MODELS

Partition Type	Model	Width (W)	Thickness (T)	Height (H)
Wall Panels	CRWP	1200 / 895 / 590 / 285 mm	50 / 60 / 80 / 100 mm	Upto 6 mts
Ceiling Panels	CRCP	1200/ 895 / 590 / 285 mm	50 / 60 / 80 mm	Upto 6 mts



Cleanroom Doors

Dyna offers wide variety of cleanroom door configurations such as Single/double swing-out or as horizontal sliding either manual, automatic or semiautomatic.

FEATURES

Fully flush surfaces with wall Partitions

Swing Doors

Air Tight Fitting

Leak proof doors allows maintaining the room pressure efficiently

Door Closures as per applications

various door closures as per proper orientation designed

Automatic/ Manual Sliding doors (Optional)

Automatic sliding doors available to reduce human error

Standard accessories

SS hinges, Handles, door bottom seals to control room pressure can be provided

Door interlocking system

Interlock designed to avoid cross contamination between two rooms



Single Leaf Door



Double Leaf Door



Sliding Door

SPECIFICATIONS

Air Cleanliness	Class 100 to Class 100,000
Material of Construction	<ul style="list-style-type: none"> • Pre-coated or Powder Coated GI • Aluminium • SS
Infill	<ul style="list-style-type: none"> • Honey Comb Paper • Polyurethane Foam (PUF) • Rockwool
Finish	<ul style="list-style-type: none"> • Epoxy polyester/Pure polyester painted galvanized steel sheet of 0.6 to 0.8mm thick

MODELS

Model	Width (W)	Thickness (T)	Height (H)
CRD	750 / 900 / 1000 1200 / 1500 / 1800 / 2000 mm	50 / 60 / 80 / 100 mm	Upto 3 meters





Emergency Door



Fire Door

Cleanroom View Panels

Dyna offers a wide variety of cleanroom View Panel configurations such as frameless or framed designs, with single-sided or double-sided window construction. The view window system is especially designed suitable to the cleaning needs of the cleanroom

FEATURES

Double Glaze Unit View Panels

Designed for quick, easy installation in a variety of wall materials and thicknesses

Glass Flushed to the Wall

This make cleaning easy and safe and also improves aesthetics

Unique Round Corners

This improves aesthetics

Full View Glass Panels

Helps in giving a full indoor view

Moisture Control

Moisture is controlled using silica gel





Dyna Filters Pvt. Ltd.

Plot No. 14, 15 & 20, Ramtekdi Industrial Estate, Hadapsar,
Pune - 411 028, Maharashtra, India

☎ (91) 7066518888 / 7066178888 ✉ info@dynafilters.com 🌐 www.dynafilters.com