Maximum Flexibility

Customized Cleanroom ceiling systems from Exyte Technology

Since all the parts used in our ceiling systems were designed to perfectly match one another, they are suitable for a wide variety of applications. Whether for large semiconductor factories with transport systems in areas with a particularly strong risk of earthquakes or for small cleanroom solutions for the pharmaceutical industry, the modular system from Exyte Technology is customized to fit your needs. And to ensure that your cleanroom remains absolutely sterile, we also analyze, advise, develop, and install your ceiling system, the light fixtures, filters, and all other built-in components. This way, you get everything from one source – for perfect and efficient results. Simply get in touch with us!

The Benefits

Suitable for use in all Industries

Your products need to be manufactured under cleanroom conditions. Whether for life sciences companies, such as those in pharmaceuticals, biotechnology, food, cosmetics, etc. or for the electronics industry or component suppliers.

Exyte Technology:

- Over 50 years experience in cleanroom technology
- Leading technologies
- Standard products and customized solutions

Flexible modular Design

From cleanrooms used in the electronics industry measuring 20,000 square meters to small cleanroom solutions, Exyte Technology offers clients the ideal solution. With our modular system, you will have the tools at your disposal to fulfill all your requirements, allowing you to easily expand each ceiling system or tailor it to new room conditions.

Protecting your Products, Employees and Processes

Working side-by-side with our customers, we offer collaboration, expertise, execution and services others simply can’t match. You can count on us to design, deliver and service specific environments for critical cleanroom operations requiring ultra-clean air and controlled ultra-pure atmospheres. We ensure your manufacturing processes and equipment are clean, productive, safe and cost-efficient both in new systems and upgraded existing systems. Our technologies and services protect people and products with energy efficient, environmentally friendly solutions.

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Filters can be exchanged cleanly from inside the Cleanroom

Through the use of an attachable track, all filter fan units (FFUs) or filters can be installed and exchanged quickly and easily from inside the cleanroom without significantly affecting your manufacturing process. This can be done cleanly with no cutting required, for an economical and efficient method of working.

Easy to install

All of our ceiling beams are manufactured from an aluminum material. Due to their low weight, they can be installed quickly without requiring much effort. The thread to connect the beams to the intersections is already made at the factory, meaning they can be installed with no cutting required. This unique system saves you both time and energy.

Long-lasting, maintenance-free Products

The first-class quality of the ceiling systems from Exyte Technology is what makes them so impressive. Since the ceiling systems require virtually no maintenance, your production processes can continue without interruption, which really pays off.
Cross Section Ceiling

- Height can be adjusted by up to 60 mm brackets due to vertically adjustable suspending.
- Sprinklers and cable ducts can be installed as desired, since all intersections are manufactured from die-cast zinc with a cable penetration.
- Extremely wide range of applications due to the modular system. The intersection pieces are compatible with all grid profile variations.
- FFUs and filters can be installed from the cleanroom side thanks to our patented method with attachable bearing rails.
- Slotted grid profiles designed for use with electronic devices allow equipment to be mounted from the cleanroom side without need for cutting.

Ceiling Grids

Electronics Industries

- **Gasketed Ceiling Grids**
  - **Line Ceiling Grid**
    - Profile for Grid UFR-55/70T
    - Point Load with a Single Suspension is 100 Kg
  - **Cross Section Grid**
    - Profile for Grid UFR-55/70L T & UFR-55/70T-T
    - Point Load with a Double Suspension is 100 Kg

Fluid (Gel) Ceiling Grids

- **Cross Section Grid**
  - Profile for Grid UFR-55/70TP
  - Point Load with a Double Suspension is 100 Kg

Pharmaceutical / Biotech Industries

- **Gasketed Ceiling Grids**
  - **Cross Section Grid**
    - Profile for Grid UFR-55/100L T & UFR-55/100L-T
    - Point Load with a Double Suspension is 500 Kg
  - **Cross Section Grid**
    - Profile for Grid (UFR-55/100-T & UFR-55/100-T)
    - Point Load with a Double Suspension is 650 Kg

- **Fluid (Gel) Ceiling Grids**
  - **Cross Section Grid**
    - Profile for Grid UFR-55/70TP
    - Point Load with a Double Suspension is 100 Kg
Cross Section Ceilings

Grid Profiles

UFR-55/70-L-T
• Standard solution for cleanrooms that require many ceiling ducts (for sprinklers, sensors, cables, etc.)
• Can be walked on due to two suspension-rods per cross section element
• Point load 100 kg
• Patented method with attachable tracks for installation of FFUs and filters from the cleanroom side

UFR-55/100-L-T
• Direct connection of transport systems to the ceiling grid profile
• Point load 500 kg
• Patented method with attachable tracks for installation of FFUs and filters from the cleanroom side

UFR-55/100-T
• Direct connection of transport systems to the ceiling grid profile, especially in stocker areas, which must be particularly capable of bearing high loads
• Point load 650 kg
• Patented method with attachable tracks for installation of FFUs and filters from the cleanroom side

Cross Section Elements

- Cross piece with cable penetration
- T-Piece with cable penetration
- Corner piece
- I-Piece with cable penetration

Accessories
• Attachable track
• Covering strip
• Blank panel
• Earthquake bracing
• Sprinkler mounting fixture

Optional Fixtures and Components
• Recessed light fixtures, surface mounted light fixtures
• Filter fan units
• HEPA / ULPA-filters
• Ionization equipment
• Air guiding plates, hanging systems
• Minienvironments
• Smoke alarms, sprinklers
• Vents for particulate filters
• Wall systems
• Transport systems (AMHS)

Line Ceiling Grid

Grid ceiling systems are especially suited for standard applications in the pharmaceuticals and electronics industries. All fixtures and pieces of equipment can be used with the grid ceiling system for an economical and high-quality cleanroom solution.

Grid Profile Connectors

- Insert for main profile
- Insert for cross profile
- Edge connector
- Main profile connector
- Cross profile connector

Accessories
• Attachable track
• Blank panel
• Earthquake bracing
• Sprinkler ducts

Optional Fixtures and Components
• Recessed light fixtures, surface mounted light fixtures
• Filter fan units
• HEPA / ULPA-filters
• Ionization equipment
• Air guiding plates, hanging systems
• Minienvironments
• Smoke alarms, sprinklers
• Vents for particulate filters
• Wall systems
• Vents for particulate filters
• Wall systems
Local Support
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