

Hardwall

Exclusive Uni-Grid load-bearing, walkable ceiling system allows for easy maintenances and interchange of lights, tiles and HEPA filters

Available in an unlimited number of sizes and configurations using standard components

Truly modular construction, featuring full panels and no sub assemblies, provides maximum flexibility to accommodate new processes and equipment

Fastest to install, simple to relocate, and pre-engineered to meet your demanding schedule

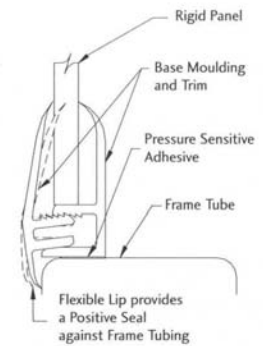
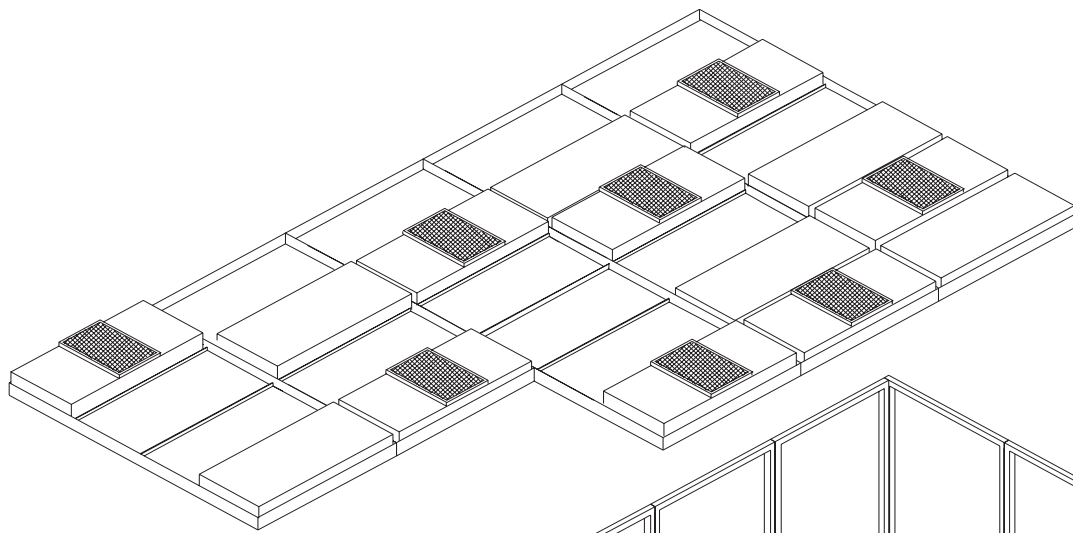
STRUCTURAL INTEGRITY Hardwall cleanrooms stand out as the most structurally rigid available anywhere in the industry. Formed from cold-rolled tubular steel, each frame is incredibly robust and highly durable. Together with any of the available hardwall inset panels and our exclusive ceiling system, the frames compose a room which can be seismically rated and will endure punishment from outside and within.

CLEANLINESS AND DURABILITY frames and ceiling grids are powder coated with a polyurethane material then baked at 450 degrees to ensure truly non-outgassing components. Unlike epoxy, which is an outgassing product, or unbaked powder coatings, the Servicor process provides an extremely hard-shell finish that will withstand frequent cleansing and will not contaminate your process. The result is a beautiful, consistent finish on a room that looks simple even though it meets detailed requirements.

UNIQUE AND INTELLIGENT DESIGN exclusive Uni-Grid ceiling system is fully welded to form a structurally superior and unified ceiling grid. It is then powder-coated and fitted with closed-cell gasketing that creates a tight seal with all drop-in components. Each fully loaded Uni-Grid is self-supporting and completely walkable, allowing for simple exchange of the 2'x4' lights, tiles and Fan Filter Units.

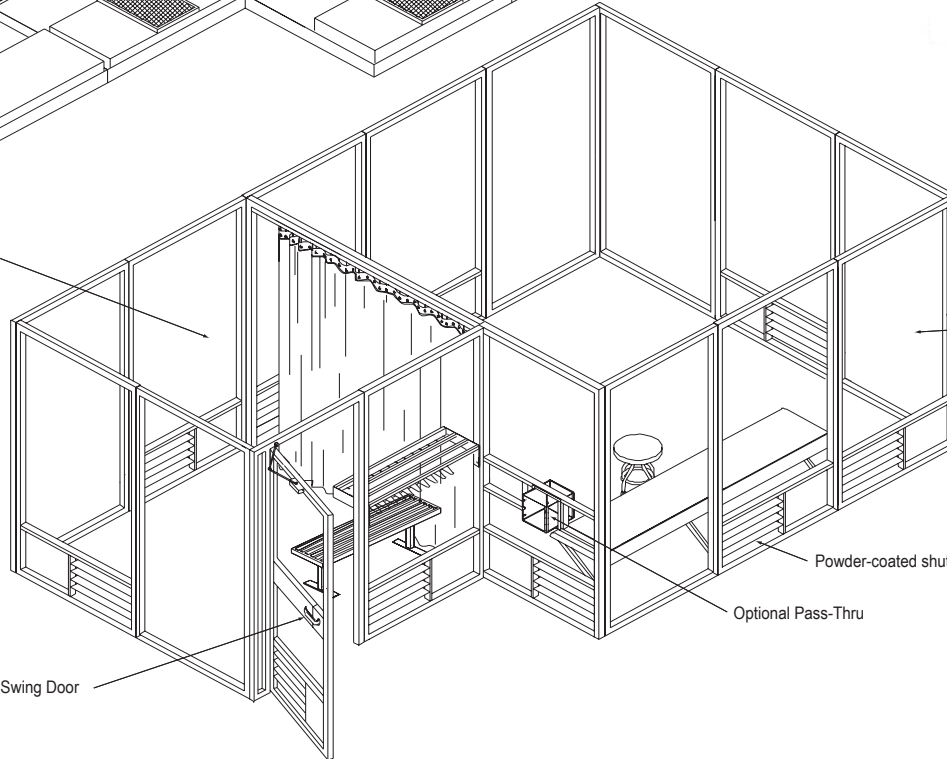
CleanSeal panel inset fastening system mounts flush to the steel frame to create a "ledge-less" room interior. The result is an easy-to-clean room with reduced bio-burden and a positive seal to protect your process from particulates.





CleanSeal System

Gowning Area



Hardwall Panel with CleanSeal Attachment System

Powder-coated shutters

Optional Pass-Thru

Swing Door

SPECIFICATIONS

Size

Innumerable configurations, in standard increments of 2'x4' units, unsupported spans up to 50' with Truss System

Class

Federal Standard 209e Class 100,000 to Class 10 and ISO Standards compatible

Filtration

2'x4' HEPA or ULPA Fan Filter Units

Ceiling

Uni-Grid ceiling system: 1/8" thick steel, all-welded construction, fitted with closed-cell gasketing

Frames

Welded 2"x2"x.083" heavy gauge cold-rolled tubular steel, pre-engineered construction

Finish

White baked polyurethane powder-coating

OPTIONS INCLUDE

Full factory installation

Single pass or recirculating

Panel materials include: aluminum honeycomb, acrylic, polycarbonate, high-density PVC, UV protectants, ESD and factory mutual 4910 compatible, as well as other application-specific materials

UL listed flush-mount electrical outlets and light switches

Ionization systems

Pass-thru's, air-showers

Teardrop or flow-through lighting

Cutouts to accommodate processes, conveyer belts and machinery

Plenum construction for recirculating HVAC systems

Structural calculations and seismic ratings

Integrated gowning room

Sliding and swing doors



Stretchwall

Economical alternative to Hardwall panel construction

Exclusive Uni-Grid load-bearing, walkable ceiling system allows for easy maintenance and interchange of lights, tiles and HEPA filters

Available in an unlimited number of sizes and configurations using high-quality standard components

Truly modular construction provides maximum flexibility to accommodate new processes and equipment

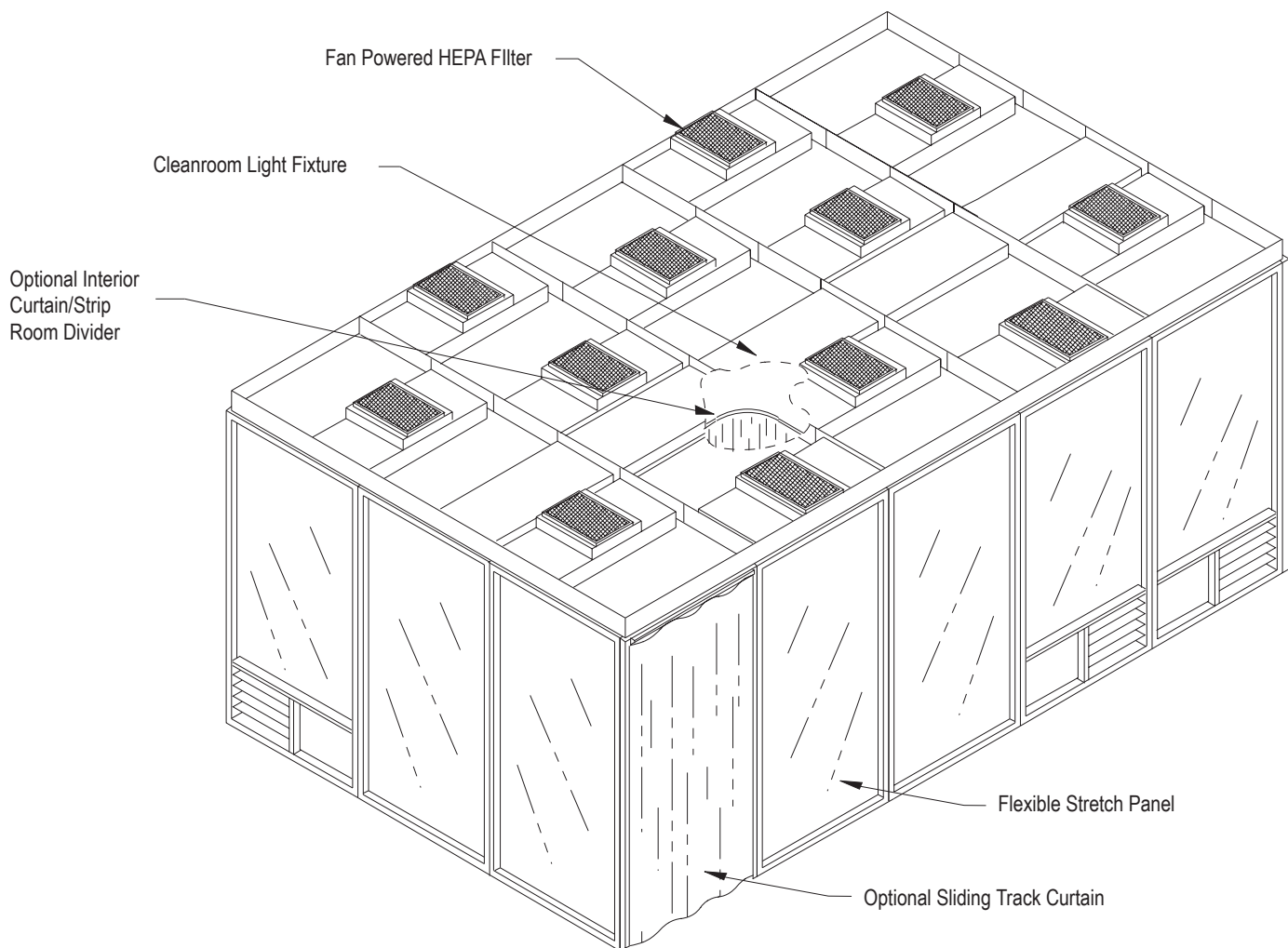
Fast to install, simple to relocate, and pre-engineered to meet your demanding schedule

STRUCTURAL INTEGRITY Stretchwall cleanrooms stand out as the most structurally rigid available anywhere in the industry. Formed from cold-rolled tubular steel, each frame is incredibly robust and highly durable. Together with any of the available flexible PVC stretch panels and our exclusive ceiling system, the frames compose a room which can be seismically rated and will endure punishment from outside and within.

CLEANLINESS AND DURABILITY frames and ceiling grids are powder coated with a polyurethane material then baked at 450 degrees to ensure truly non-outgassing components. Unlike epoxy, which is an outgassing product, or unbaked powder coatings, the Servicor process provides an extremely hard-shell finish that will withstand frequent cleansing and will not contaminate your process. The result is a beautiful, consistent finish on a room that looks simple even through it satisfies the most demanding standards.

UNIQUE AND INTELLIGENT DESIGN exclusive Uni-Grid ceiling system is fully welded to form a structurally superior and unified ceiling grid. It is then powder-coated and fitted with closed-cell gasketing that creates a tight seal with all drop-in components. Each fully loaded Uni-Grid is self-supporting and completely walkable, allowing for simple exchange of the 2'x4' lights, tiles and Fan Filter Units.





SPECIFICATIONS

Size

Innumerable configurations, in standard increments of 2'x4' units, unsupported spans up to 50' with Truss System

Class

Federal Standard 209e Class 100,000 to Class 10 and ISO Standards compatible

Filtration

2'x4' HEPA or ULPA Fan Filter Units

Ceiling

Uni-Grid ceiling system: 1/8" thick steel, all-welded construction, fitted with closed-cell gasketing

Frames

Welded 2"x2"x.083" heavy gauge cold-rolled tubular steel, pre-engineered construction

Finish

White baked polyurethane powder-coating

Stretch Panels

16 mil flexible PVC standard

OPTIONS INCLUDE

Full factory installation

Stretch panel materials include: clear, static dissipative carbon grid, UV protectants, opaque white, black/green and black, as well as other application-specific materials

UL listed flush-mount electrical outlets and light switches

Ionization systems

Pass-thru's, air-showers

Teardrop or flow-through lighting

Cutouts to accommodate processes, conveyer belts and machinery

Structural calculations and seismic ratings

Integrated gowning room

Swing door, sliding track curtain or strip access entrances