Softwall

Most affordable clean enclosure option isolate modestly-sized areas

The lightest and most portable cleanroom available, optional casters allow complete mobility

Uni-Grid load-bearing, walkable ceiling system

Standardized components and modular construction provide maximum flexibility to accommodate new processes and equipment
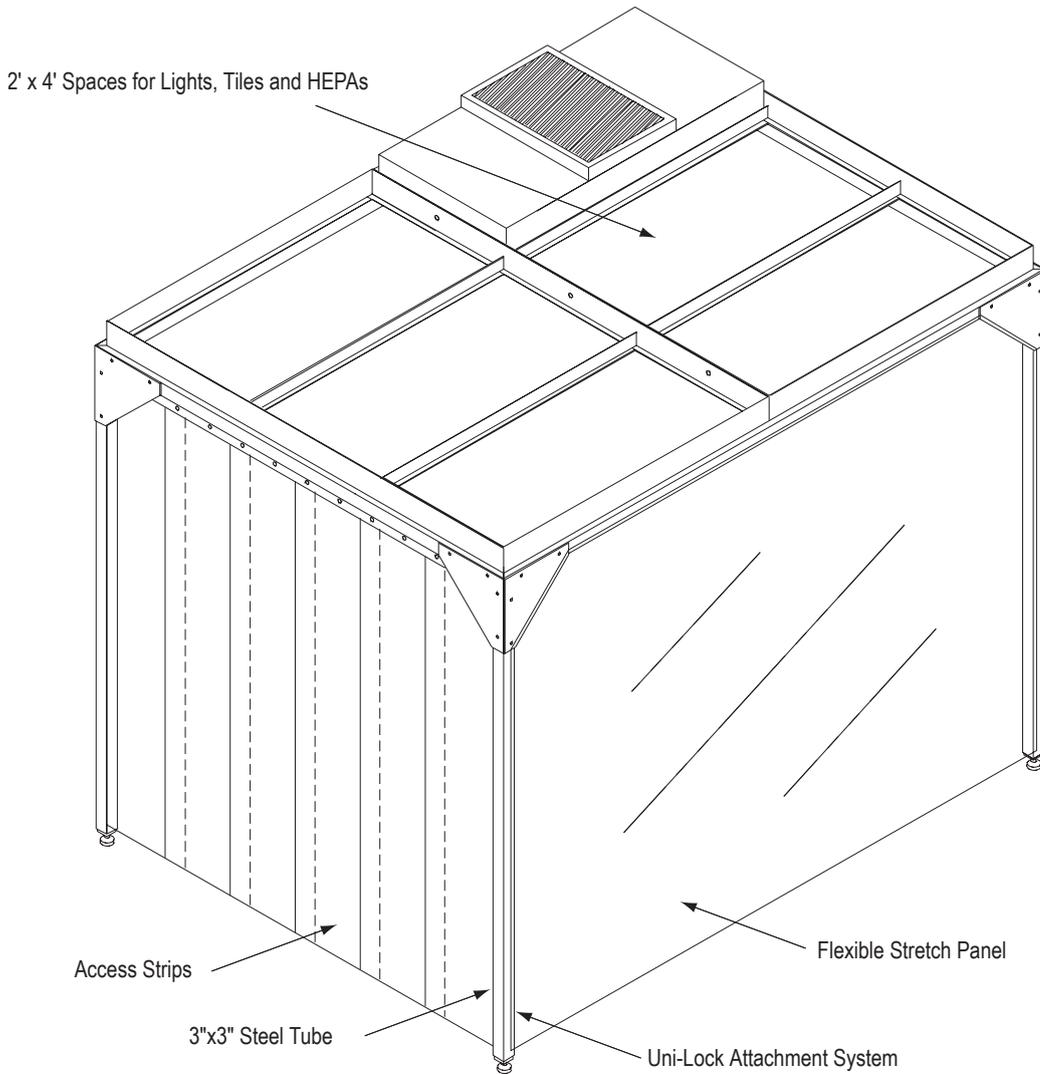
Fast to install, simple to relocate, and pre-engineered to meet your demanding schedule

STRUCTURAL INTEGRITY   Softwall cleanrooms stand out as the most structurally rigid available anywhere in the industry. Formed from cold-rolled tubular steel, each component is incredibly robust and highly durable. When combined with any of the available flexible PVC side panels and our exclusive UniGrid ceiling system, the result is a room which can be seismically rated and will endure punishment from outside and within.
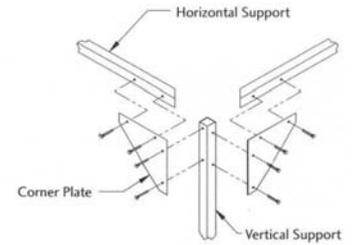
CLEANLINESS AND DURABILITY   support posts, gussets and Uni-Grid ceilings are powder coated with a polyurethane material then baked at 450 degrees to ensure truly non-outgassing components. Unlike epoxy, which is an outgassing product, or unbaked powder coatings, the Servicor process provides an extremely 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, composed of 1/8" steel members, 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.
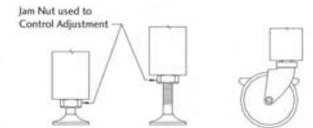
Detail of Corner Assembly

Horizontal Support

Corner Plate

Vertical Support

2' x 4' Spaces for Lights, Tiles and HEPAs

Levelling Feet and Available Locking

Jam Nut used to Control Adjustment

Access Strips

Flexible Stretch Panel

3"x3" Steel Tube

Uni-Lock Attachment System

SPECIFICATIONS

Size
Many configurations, in standard increments of 2'x4' units, spans up to 20' without additional downposts

Class
Federal Standard 209e Class 100,000 to Class 100 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

Support Posts
Welded 3"x3"x.125" heavy gauge cold-rolled tubular steel

Corner Plates
1/4" heavy gauge steel, drilled using CNC Mill

Finish
White baked polyurethane powder coating

Access Strips and Side Panels
Side Panels: 16 mil flexible PVC standard
Access Strips: 14"x60 mil flexible PVC or 8"x80 mil

OPTIONS INCLUDE

Full factory installation

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

UL listed flush-mount electrical outlets and light switches

Ionization systems

Teardrop or flow-through lighting

Cutouts to accommodate processes, conveyer belts and machinery

Structural calculations and seismic ratings

Integrated gowning room

Sliding track curtain and strip access entrances