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# FlushWall Cleanrooms

## Features and Benefits Summary

- ✓ Easy to clean with seamless ceiling and wall system
- ✓ Helps protect people, products, equipment, and revenue with seismic rated foundation using welded steel ceiling grid
- ✓ Energy efficient with an incorporated overhead plenum, reducing hot and cold spots, and eliminating the need for a mass duct
- ✓ Fast installation, simple to relocate, and pre-engineered to meet your demanding schedule

## Structural Integrity

Servicor Flushwall Cleanrooms stand out as the most structurally rigid rooms 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

All Servicor 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, 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 cleanroom that looks simple while meeting your detailed requirements.

## Unique and Intelligent Design

The Servicor 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 can be designed to be completely walkable with a 250 pound point load, allowing for simple exchange of the 2'x4' lights, tiles and Fan Filter Units. The result is an easy-to-clean room with reduced bio-burden and a positive seal to protect your process from particulates.



## Specifications

### Size

Innumerable configurations, in standard increments of 2' with custom sizing available; unsupported spans up to 48' with truss system.

### Class

Federal Standard 209e Class 100,000 to Class 10 and ISO 4-9 Standards compatible as well as FDA, USP, and cGMP compliant options.

### Filtration

2' x 2', 2' x 3', and 2'x4' HEPA or ULPA Fan Filter Units or Ducted Terminal HEPA. Various Complete FFU control systems available.

### Ceiling

Uni-Grid™ ceiling system: 11ga thick steel, all-welded construction, fitted with closed-cell gasketing.

### Frames

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

### Finish

White baked polyurethane powder-coating.

## Options

- Installation of provided items
- 3rd Party Test, Balance, and Certification
- Single pass or recirculating air flow
- Positive or negative pressure available
- Panel materials include: aluminum honeycomb (ALHC), acrylic, polycarbonate, high-density PVC, UV protectants, ESD and factory mutual 4910 compatible, as well as other application-specific materials
- Soft-Edge inside corner coving. Wall to Floor, Wall to Wall, and Wall to Ceiling
- UL listed flush-mount electrical outlets and light switches
- Utility Drop Ceiling Pans, Utility Umbilical
- Pass-thru's (active and passive), air-showers
- Teardrop, flush mounted, or flow-through lighting
- Walkable ceiling pans
- Cutouts to accommodate processes, conveyer belts and machinery
- Plenum construction for recirculating HVAC systems
- Structural calculations and seismic ratings
- Integrated anterooms
- Door Interlock Systems
- Automatic sliding doors, automatic roll-up doors, and swing doors
- Coving with single piece 2-way and 3-way inside corners

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