



## **CleanAir Solutions, Inc.**

**The Cleanroom SpecialistS**

**Modular Hardwall Cleanroom:** Modular Hardwall cleanrooms featuring single pass or recirculating air flow designs offer versatile construction materials while affording convenient installation.

The systems we provide are non-progressive and are designed to offer maximum flexibility for future expansion and/or modification to the room.

The framing system utilizes extruded aluminum channel members with a clear anodized finish. The core of the wall system can be made up of  $\frac{3}{4}$ " to 2" cells of aluminum honeycomb or insulfoam EPS sandwiched between  $\frac{1}{8}$ " thick Melamine or Vinyl hardboard. Double paned full panel width windows are available using  $\frac{1}{4}$ " clear plexi-glass or  $\frac{3}{16}$ " tempered glass for better visibility.



Doors are manufactured from the same wall panel material selected for the rest of the room. The perimeter of the door is reinforced and faced with aluminum channel. Unless specified otherwise, doors will have a paned viewing panel for safety, three spring closer hinge and lever passage hardware.

Ceiling grids are supported by load barring walls using 2" gasketed rod hung t-bar assemblies.

Our clear-span truss system allows for spans up to 50 feet without interior columns or footings required. This load-bearing design also accommodates a walkable plenum cap above the room for easy access to equipment for maintenance or extra storage space.