

Product Data and Specifications

Standard Modular Hardwall Cleanrooms Once Through Design

Once Through Design is also known as single pass. Ambient air is drawn into the SAM Fan Filter Units at ceiling level. The filtered air passes into the cleanroom and is transferred out of the room through grilles at the bottom of the walls.

Specifications

Cleanroom Wall Material: White wall panels mounted into 2" clear anodized aluminum framing.

T-Grid Ceiling System: 2" HD T-Bar with anodized aluminum finish. Includes all connectors, suspension hardware and gasket to be applied on site.

Ceiling Support Structure: Suspension support beams attached to top of cleanroom walls for suspending T-Grid Ceiling System. No support required from host building.

Windows: (1) Nominal 46" W x 39" H tempered glass, double glazed, flush mounted in anodized aluminum frame.

Entry Door: (1) 3'0" x 6'8" Door with viewing window, passage lever and spring hinges.

Return Air / Transfer Grilles: Properly sized for airflow relief.

Interior Height: Eight (8) Feet, overall height 10'.

Lighting: 2' x 4' LED cleanroom light fixtures with sealed housings and polystyrene lens.

Ceiling Panels: Cleanguard ceiling panels with sealed edges for spaces not occupied by SAM Fan Filter Units or light fixtures.

HEPA Filters: SAM 2' x 4' Fan Filter Units, 115V with 99.99% HEPA Filter, variable speed control and all other standard specifications as manufactured by Clean Rooms International.

