

## Standard Modular Hardwall Cleanrooms

### Once-Thru Design

Once-Thru 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.

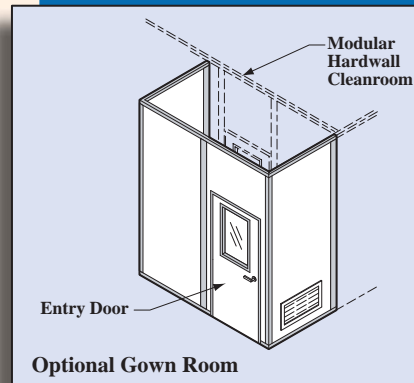
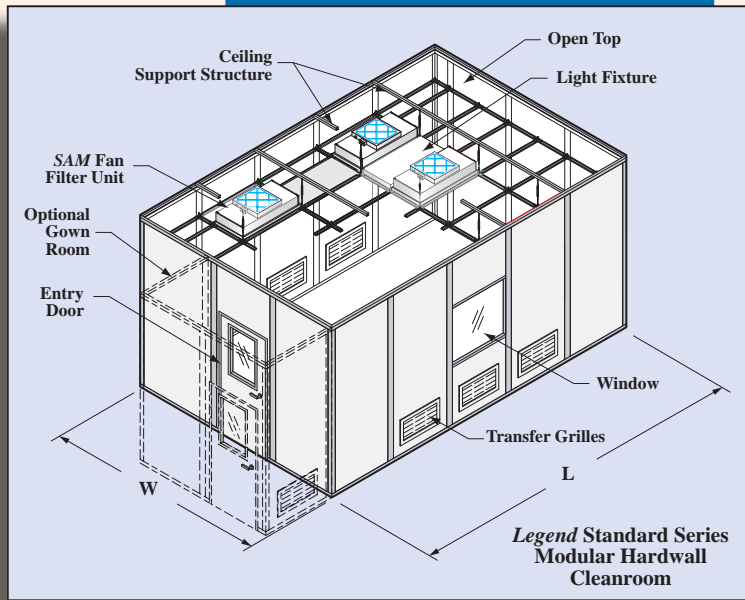
**Return Air / Transfer Grilles:** Properly sized for airflow relief.

**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.



Classifications Offered		Standard Sizes	
ISO	Federal Standard 209E	W	L
6	1,000	12'	12'
7	10,000	12'	16'
8	100,000	12'	20'
		12'	24'

*Legend, SAM and Cleanguard* are brand names owned by Clean Rooms International