

Our exclusive ability to mix components from both our cleanroom and inplant office product lines allow us to meet cleanroom classification requirements while keeping the benefits of a modular system.



Cleanrooms

Cleanroom Classification

- Truly modular, non-progressive construction featuring full panels, provides maximum flexibility to accommodate new processes and equipment
- The particles increase by a factor of 10 with every increase in the ISO rank.
- Another grading scale that is used is the US federal standard which is numbered 1, 10, 100, 10,000, and so on.
- Class 1 rooms have 1 particle for every 0.5 micrometer of cubic space, and so on, the Class numbers resembling the maximum amount of particles allowed in 0.5 cubic micrometers.

Cleanroom Filtration System

As for the filtration systems, clean rooms often use HEPA filters and ULPA filters.

- Can remove up to 99.9% of the particulates in the air using various air flow techniques.
- Some clean rooms employ a positive pressure to keep particles out, and then some employ negative pressure to keep contaminants in. It all depends on what needs to be done in the workspace.