**PANEL BUILT**
INCORPORATED

**Our exclusive ability to mix components from both our cleanroom and inplant office product lines allow us to meet cleanrroom 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.