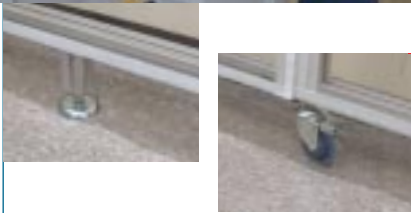


Soft-Wall Cleanrooms

Custom-designed, cost-effective alternative to traditional rigid wall construction



The University of Toronto's Aerospace Flight Lab chose a Soper's solution to provide class 10,000 air cleanliness. The footing system (see inserts) makes the unit portable and transportable.



Heavy duty modular T-bar ceiling systems enable adding drop-in HEPA filters or extra lighting to meet required cleanroom specifications.

Whether your process demands class 100, 1,000, 10,000 or 100,000 air cleanliness, a Soper's cleanroom is durable and cost-effective. Components like HEPA filters, electrical connections and speciality lighting simply drop into the modular design.

Features

- Cost effective, portable and transportable
- Simple, fast on-site installation, relocation (no special tools)
- Modular design enables multiple configurations and simplifies reconfiguration
- Cleanliness classification easily upgraded with additional drop-in HEPA filter units
- Clear-view open concept:
 - Gives greater feeling of space
 - Enables monitoring cleanroom activities without entering
 - Reduces lighting requirements inside cleanroom

Soper's solutions meet unique process requirements

1. Traditional rigid frame system: prefabricated durable frame completely self supporting and self-contained; soft-wall panels are sealed to provide the physical barrier to maintain required cleanliness classification
2. Retractable system: frame deploys around large work pieces that need to be set in place by overhead crane
3. Suspended soft-wall system: panels are easily attached to existing T-bar ceiling or other overhead structure. Panels can be fixed or retractable.

Key Components

- HEPA filter units output from 90 to 100 ft/min
- Heavy duty T-bar ceiling alternatives: anodized aluminum or hot-dipped galvanize with enamel finish – both employing factory-applied closed cell foam gasket strips to achieve and maintain cleanliness category
- Anodized high-strength aluminum frame components
- Certified "as built" (at Soper's factory) or "at rest" (on site)
- Electrical package options: plug-in receptacles, variable speed controls, light switches, central raceway/multiple pin main line connectors

Sturdy
Purpose Built
Custom designed

Flexible

P.O. Box 277, Hamilton, Ontario L8N 3E8
Fax: (905)528-8128 e-mail: info@sopers.com

(905)528-7936 1-800-263-8334

www.sopers.com

