Cleanrooms - Worksheet

Company Name	
Account #	
Company Address	
Contact Name	
Phone #	
Fax #	
E-mail Address	

SOFTWALL CLEANROOM OPTIONS

Anti-static Curtains
Replaces standard clear vinyl with static dissipative vinyl.

Strip Curtains
Replaces all, or a portion, of standard solid panels with 8" wide strips with 2" overlap.

Strip Entries
Replaces standard 12" overlap opening with strip curtains. These are generally 3' – 4' wide, but any width is available.

Casters
Replaces standard stainless steel leveling mounts with polyurethane swivel casters with wheel locks. Wheel diameter varies with size of room and load.
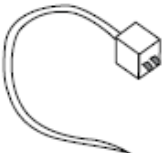
Pre-Wiring Package
Adds leg-mounted control panel with on/off switches for lights and filters, and moves the filter speed controls down from the ceiling for easier access. All components are pre-wired to connect to the control panel, which provides a single-point connection to field power.

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CLEANROOM SIZE

Length: _____

Width: _____

Height: _____

Shown as: 6'x8'

Shown as: 16'x24'

CLEANROOM CLASS

Class = Number of air changes per hour.

☐ 100 ☐ 100 (At Rest) ☐ 1,000 ☐ 10,000 ☐ 100,000 (Standard)

CLEANROOM FRAMEWORK

The framework is fabricated of proprietary aluminum extrusions finished with white epoxy enamel. The cross tees for separating components are 1-½" anodized aluminum T-grid with tabs for attachment. The horizontal members are 2" × 4", and the vertical support legs are 3" × 3". All fasteners may be easily removed to allow disassembly of the unit for relocation. Leveling mounts are installed at the base of each leg and are adjustable. The pads have a stainless steel housing with rubber base where it contacts the floor. A ½–13 stud on the pad fits inside the base of the leg and a hex nut is used for adjustment. A jamb nut is included to fix the height once set. Closed cell gasketing is included for field installation to seal the components from the room.
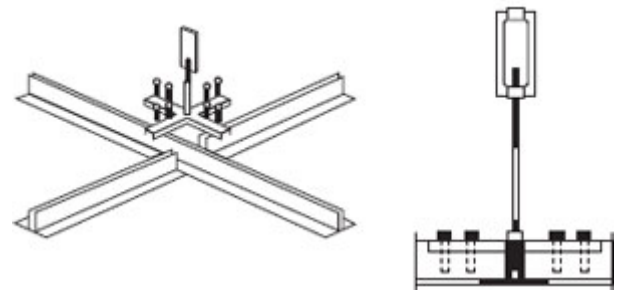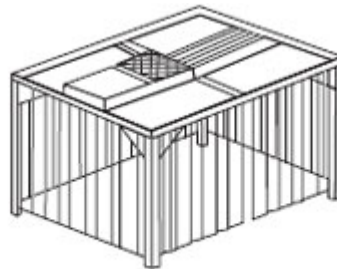
CLEANROOM CURTAINS

Curtains are 40 mil clear standard. (2) 12" overlap openings are included with the base package. Strip entries are available as are sliding track entries. For additional curtain material, call for pricing.
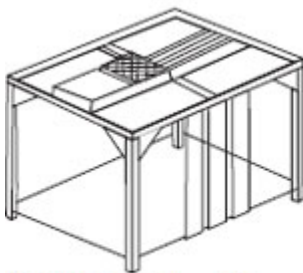
"A" Solid curtains with strip entry

"B" 8" Strip curtains with 2" overlap
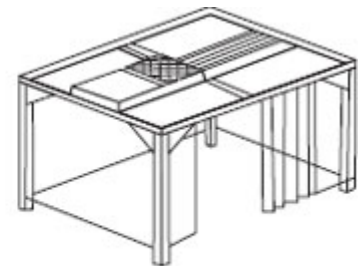
"C" 8" Solid curtains with bi-fold curtains entry

☐ "A" ☐ "B" ☐ "C" ☐ "D" - Please have the factory suggest best curtain method

Please make the above curtains: ☐ 40 mil clear vinyl ☐ 40 mil clear anti-static Length:

CLEANROOM CURTAIN ASSEMBLIES

HookBead Curtains: Used for strip curtains or strip entry.   **Nylon Roller:** Used for bi-fold curtains
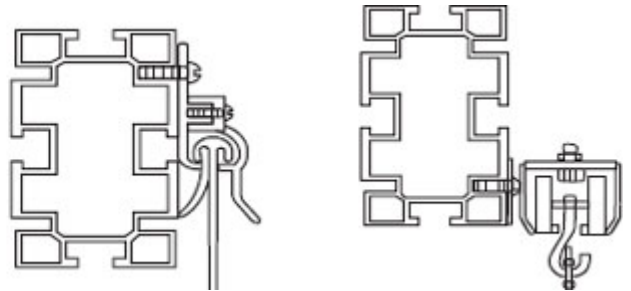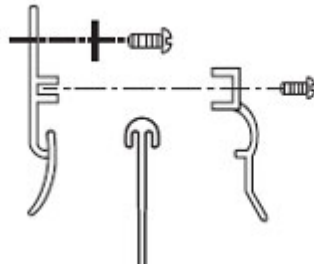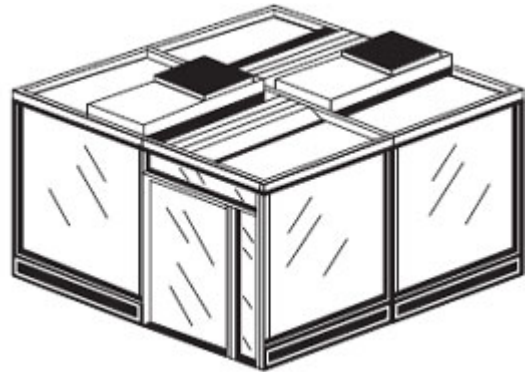
New!

CLEANROOM HARDWALL PANELS

Blank panels are ½" gypsum, vinyl covered on both sides with white textured covering. All edges are sealed. If required, special sizes will be cut and edges resealed at our factory. No field cuts are necessary.

☐ Hardwall Panels are preferred
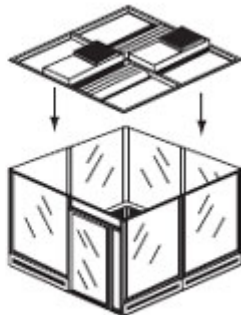
Door & Wall Panel

CLEANROOM FILTER MODULES

Filtration is provided by our Model 421-SP motorized HEPA filter modules. Standard efficiency is 99.99% at 0.3 microns by DOP test. The modules are provided with an 8' power cord and variable-speed controller mounted on each unit. If a prewiring package is purchased, the speed controllers are located in a control panel attached to the leg. Standard voltage is 120/1/60.
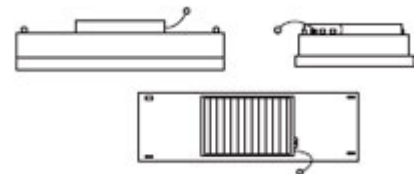
CLEAN ROOM CASTERS

There are 2 types of casters offered. Stem Casters are available in 4" and Plate Casters are available in 5" and 6". The size of your casters will be determined by the size and weight of your softwall cleanroom. All casters feature a molded polyurethane wheel and a Tech-Lock brake.

☐ Stem/Plate Casters   ☐ Leveling Pad
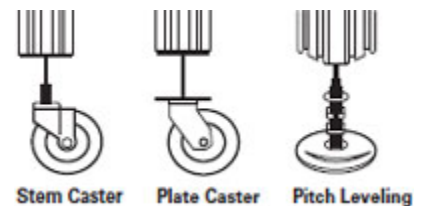
Stem Caster   Plate Caster   Pitch Leveling

Fax to DME at 888-808-4363 for a quote. Or call us at 800-626-6653 with your specs.

CLEANROOM LIGHT FIXTURES

Light is provided by our 2' × 4' TAP fixture with F40-T12 medium bi-pin lamps. Lamp tubes ARE included and are shipped installed in the fixtures. The lens is standard clear prismatic housed in an extruded aluminum frame. Wiring connection is made through an access cover in the top of the fixture. Standard voltage is 120/1/60.

CLEANROOM PRE-WIRING PACKAGE OPTION

The pre-wiring package option includes control panel that houses the following:

1) Fusing for each filter module, and for each light fixture circuit.

2) Speed controllers for the HEPA filter modules.

3) Filter modules wired to speed controllers in multiples of (3); i.e. one speed controller operates (3) filter units.

4) Power distribution block for single-point connection to field power.

Wiring harnesses are provided for components to connect them to the control panel. Harnesses are marked for reassembly.

☐ Please include the Pre-Wiring Package

CLEANROOM WARRANTY

MAC automation products have a one year warranty from the date of shipment. The warranty covers materials and workmanship of all softwall cleanroom components. If an item proves defective during the warranty period we will either repair or replace it at our option. Under no circumstances will we be responsible for any labor costs for removal or repair unless approved in writing prior to the work being performed. These costs will be approved solely at our option depending on the circumstances. We will also not be responsible for any costs related to the failure of one of our products.

ADDITIONAL COMMENTS

Please detail your requirements below. Feel free to add additional page(s), if necessary.