HALCO PRODUCTS COMPANY

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HALCO PRODUCT INFORMATION

100.2001

SOFTWALL MODULAR CLEAN ROOMS

Features and Benefits

- Factory designed frame system
- Factory prefabricated to save valuable on-site erection time
- Factory supplied lighting fixtures
- Factory supplied HEPA filter module(s)
- Factory prewired with "TWIST LOCK" wiring
- Clip together electric cables simplify wiring procedures
- Factory supplied curtains and curtain track
- ISO 5 (Class 100) through ISO 8 (Class 100,000)
- Available in many standard sizes
- Design allows modular rooms to be joined to form combinations of small areas or one large area
- Room heights may vary to accommodate many uses
- Optional "wheel casters" allow moving entire clean rooms to alternate locations
- Solid acrylic or polycarbonate walls may be substituted for special applications
- Multiple clean room modules may be bolted together in many configurations

Options available include:

Anti-static curtains ☐ Static eliminator grid ☐
Special size configurations ☐
Optional voltage ☐ Control panel ☐ Prewired system ☐
Stainless construction ☐
Gowning room ☐ Solid acrylic or polycarbonate walls ☐
Interior curtains ☐
Suspended in lieu of freestanding ☐

HALCO PRODUCTS COMPANY specializes in providing Clean or Sterile Modular Air Systems. The Portable Softwall System has been designed to meet the cleanliness levels of ISO 5 through ISO 8. We have engineered and designed this system to provide the maximum of prefabrication and performance while providing features to enhance the clean room system. Units are factory prefabricated and tested before dismantling, crating and shipping of complete systems. Systems are then unit numbered for easy reassembly which saves countless hours of on site construction.

MODULAR PREFABRICATED DESIGN

The Soft Wall Modular Clean Room is a compromise between an individual downflow bench and a laminar down flow clean room. It consists of a HEPA filter bank supported by legs which can be made expandable in length.

The air is contained by transparent vinyl plastic curtains which form the walls. The curtains are .040" thick in a variety of colors. Anti-static as well as UV stabilized curtain strips are available in a wide range of widths.

The unit can be mounted on optional caster wheels allowing it to be rolled to various stations within the site, or suspended from the ceiling of the plant.

The Soft Wall Modular Clean Room is available in many standard sizes which may be joined together in many complex configurations to accommodate nearly any manufacturing need. Optional room heights may be accommodated.

SPECIALS

The Curtained Modular Clean Room offers the end user or contractor a complete range of sizes, and cleanliness levels. Systems can easily be provided in special sizes and shape.

FAST TRACK

The HALCO™ Soft Wall Modular Clean Rooms are delivered to the construction site as complete components, ready to install. No painting or cutting is required. All that is necessary to build the entire system are simple hand tools.

SPECIFICATIONS

Halco™

DIMENSIONS FOR CUSTOM UNITS

"A" (length) available in 1 ft. increments
"B" (width) available in 6" increments
"C" (height) to match customer requirement

TYPICAL COMPONENTS

1. Self-contained HEPA blower module
2. Support frame system
3. Soft wall curtains
4. LED lighting fixtures
5. Blank ceiling tiles
6. Optional casters
7. Optional acrylic or polycarbonate walls

The Down Flow Soft Wall System Meets All Criteria of ISO or FED STD.

STANDARD SYSTEM

FILTERS:
HEPA 99.97% EFF @ .3 micron with prefilter
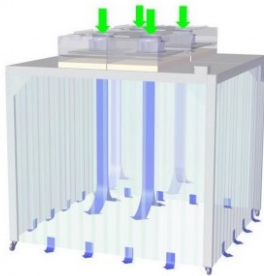Variable speed control for adjusting air velocity

ELECTRICAL:
120-1-60 or 220/277/480 Voltage

LIGHTING:
Minimum 100 foot candles (FC) at work surface

NOISE:
Less than 70db on the A scale

GUARANTEE

Halco Products Company guarantees this product against defects in material and workmanship for a period of one year from the date of purchase. If found defective within that period and returned with the shipping charges prepaid to the factory, it will be repaired or replaced, at the manufacturer's option, free of charge. This guarantee is void on any product which has been improperly installed, abused or altered in any manner. Other than the preceding obligations, the manufacturer assumes no liability in regard to the sale or use of this product. This warranty is in lieu of any other, either expressed or implied by Halco Products Company, its distributors or any associated sales outlet.

QUOTATION OR CONSTRUCTION REQUEST

HEPA MODULE & BLOWER
(Self Contained with Standard Speed Control)
☐ 99.97% EFF @ .3 micron
☐ 99.999% EFF @ .3 micron
☐ RSR ☐ ULPA ☐ Special
☐ 120-1-60 ☐ 277-1-60 ☐ 460-3-60 ☐ 208-220-3-60
☐ High Efficiency Prefilter_____%
☐ S/S ECM Motors ☐ Remote Control

SUPPORT FRAME ASSEMBLY
☐ Steel frame with white enamel ☐ Epoxy "Optional"
☐ Stainless Steel ☐ Extruded Aluminum

SOFTWALL CURTAINS
Strip widths: ☐ 6" ☐ 8" ☐ 12" ☐ 24" ☐ 48"
Material finish and color: ☐ Clear ☐ Frosted
☐ Amber ☐ Black ☐ Red ☐ White ☐ Anti-static
☐ Sliding door ☐ Bifold Curtain

LED LIGHTS 3000K, 4000K, or 5000K
☐ 120-1-60 ☐ 277-1-60 ☐ Amber ☐ Gold ☐ U.V.

BLANK CEILING TILES
☐ Laminated Particle Board ☐ Aluminum
☐ Clear Plexiglass

OPTIONAL CASTERS
☐ Fixed ☐ Swivel ☐ Non-mar ☐ Lockable

Please indicate below the sizes and class required in your installation.

The Halco Softwall Modular Clean Room shall be
_____' Wide, _____'Long, and _____' High.
Unit to be Class_____ per FED ISO_____.
Unit to include full perimeter curtains. Unit to have
_____ self-contained HEPA-BLOWER Modules.

For special configuration or design requirements, please consult our factory

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Clean room Equipment & Systems