



HALCO PRODUCTS COMPANY

100 N. Gordon Street - Elk Grove Village, IL 60007-1193

Tel: 847-956-1600 - Fax: 847-956-0595

E-Mail: Info@Halco-Products.com

Website: www.Halco-Products.com

HALCO
PRODUCT
INFORMATION

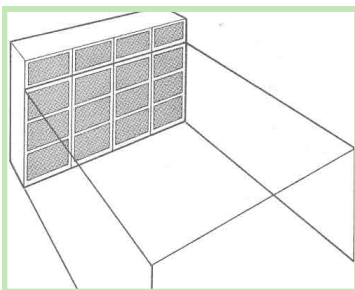
400.8000

HEPA FILTER BLOWER MODULE HORIZONTAL AIRFLOW

Halco Laminar Flow Wall Modules to provide simple and economical supply of sterile air in critical areas.

Uses Include:

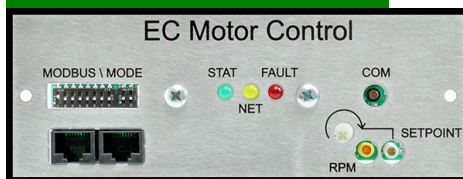
- Horizontal Laminar Flow Tunnels
- Clean rooms
- Upgrading existing facilities with low ceilings
- Contamination control requirements
- Laboratories and pharmacies



CONTROL
PANEL



PREMIUM FLOW CONTROL



Wall modules will provide class 100 conditions as specified in ISO 14644-1, Federal Standard 209E, and Air Force Technical Order 00-25-203.

SPECIFICATIONS



TYPICAL COMPONENTS:

1. Shock-mounted blower assembly
2. Blower enclosure
3. HEPA filter bank
4. Alternate blower enclosure location
5. Air inlet with disposable prefilter
6. Removable anodized aluminum protective grille
7. Alternate prefilter location

OPTIONS:

Construction:

- Painted Steel Stainless 304 316 321
- Casters Pilot Lights Controls (Specify) Magnehelic
- Aerosol Injection Port Room Side Accessible

HEPA'S:

- Front Load Rear Load
- 95% EFF 99.99% EFF ULPA

ELECTRICAL:

- 115/1/60 208/230/1/60 460/3/60

MOTOR:

- Standard ESM
- Reverse Flow Explosion Resistant
- Top Mount Bottom Mount

HOUSING:

Painted or unpainted steel, stainless 304 316 321 (specify)

INTERIOR:

Sealed to prevent flaking.

BLOWER:

Continuous duty direct drive PSC, or ECM (specify)

INTAKE GRILLE:

Perforated anodized aluminum.

PRE-FILTER:

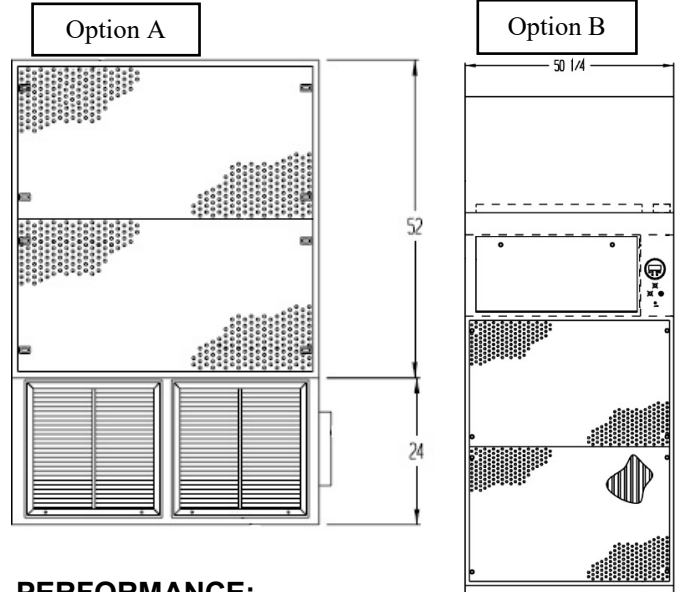
Disposable polyester 35% efficient

ELECTRICAL REQUIREMENTS:

115/1/60 or (208/240/460 60 / 3) Specify. All wiring to a single junction box

WARRANTY:

This equipment is warranted for a period of one year under its regular contracts attached to the equipment at the time of purchase.



PERFORMANCE:

Velocity 90 FPM \pm 20% produced by air handling system. (meets requirement of ISO 14644-1 & Fed. standard-209E.)

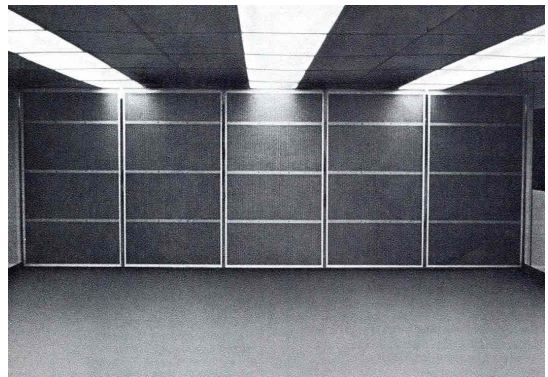
Supplies 100 CFM of clean air per square foot of filter area at a minimum of 90 FPM Laminar Air Flow.

TWO STEP AIR FILTRATION:

- A. Pre-filter: Disposable polyester located at intake air grille.
- B. Final Filter: HEPA or ULPA (specify)

CUSTOM DESIGNS:

Upflow, downflow, specialized configurations



HALCO PRODUCTS COMPANY

100 North Gordon Street
Elk Grove Village, Illinois 60007-1193
(847) 956-1600 Fax (847) 956-0595
E-Mail: Info@Halco-Products.com
Website: www.Halco-Products.com

In line with our policy of continual product improvement, HALCO reserves the right to incorporate and use equipment and material to conform with the latest design of its products, and in keeping with the specifications of this equipment.