

## INTRODUCTION

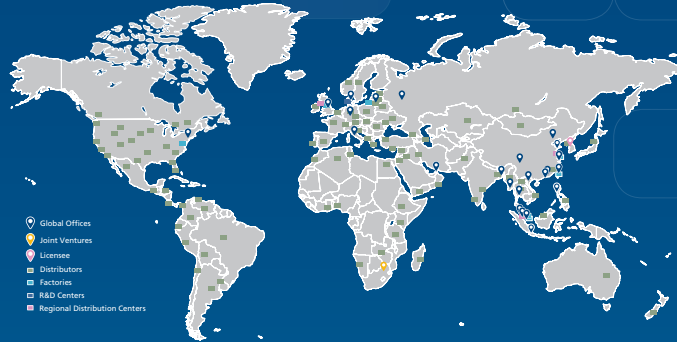
Esco Airstream® Class III Biological Safety Cabinet offers the highest level of operator, product and environmental protection from infectious/biohazardous aerosols and is suitable for microbiological work with agents assigned to biosafety levels 1, 2, 3, or 4. Designed for an absolute level of containment, it is frequently used for work involving the deadliest biohazards, bacteria, viruses, and microorganisms.

Esco Airstream® Class III BSC is manufactured to meet and exceed the latest Class III biological safety cabinet requirements of the EN 12469:2000.

## Application

- Microbiological practices dealing with very high risk biological agents.

## ESCO LIFESCIENCES GROUP 42 LOCATIONS IN 21 COUNTRIES ALL OVER THE WORLD



**ESCO**  
SCIENTIFIC

## Esco Class III Biological Safety Cabinet



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# Esco Class III Biological Safety Cabinet



Model: AC3-4B1

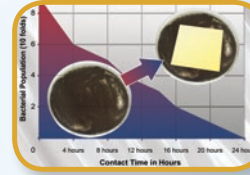
## KEY FEATURES:

- Airtight Built
- Designed for BSL-4
- Safer Dual Exhaust ULPA Filter
- Provides highest level of operator, product, and environmental protection from infectious and biohazardous aerosols

## Construction

### ISOCIDE™ Powder Coat

- Silver-ion impregnated powder coat
- Inhibit microbial growth to improve safety



### Pass Box equipped with Interlocking Doors

- Permits material transfer without risk of environmental contamination



### Glove Ports

- For easy and safe glove changing



### Neoprene™ Synthetic Arm-length Gauntlets

- Single piece, leak-tested assembly guarantees maximum protection
- Flame and abrasion resistant



### Magnehelic Pressure Gauge\*

- Mounted at the rear of the work zone for at-a-glance monitoring of work zone negative pressure

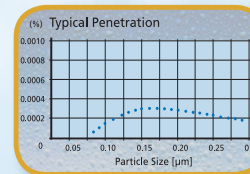
\*Registered trademark of Dwyer Instruments, Inc



## Filtration System

### Dual Exhaust ULPA Filter

- Filter efficiency of 99.999% between 0.1 to 0.3 microns
- 10x Filtration efficiency of HEPA filter
- Creates ISO Class 3 work zone instead of industry-standard ISO Class 5



## Control System

### Sentinel™ Silver Microprocessor Controller

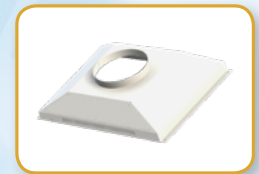
- Supervises all cabinet functions
- Easy-to-use soft keys for menu, blower, light, UV, and electrical outlet
- Large display which shows the operational parameters



## OPTIONS AND ACCESSORIES



Anti-blowback Valve



Exhaust Collar  
10 inches diameter



Airtight Damper



Direct Mounted  
Electrical Outlet