

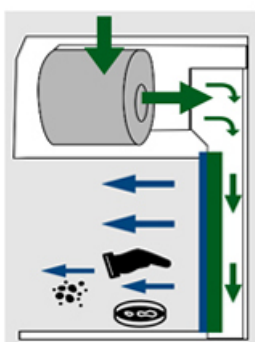
# LAMINAR FLOW CABINETS

## How to Choose the Right One?

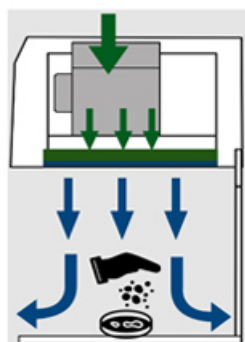
A simple guide on how to choose the right type of Laminar Flow Cabinet for your laboratory.



### When working with Sensitive Objects

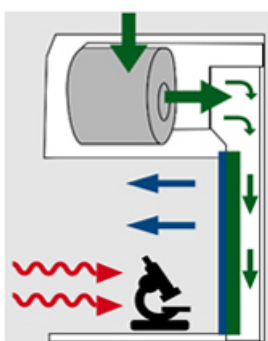


Horizontal-type cabinets do not blow particles towards the object and allow ease of placing sensitive objects near the filter.

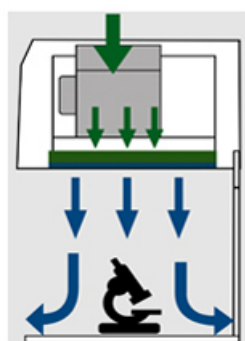


Vertical-type cabinets can blow particles toward the samples when the operator's hands are placed directly above it.

### When working with Large Objects



The laminar air flow is blocked by the equipment placed in a horizontal-type cabinet. Turbulence can occur and ambient air can enter from the front of the cabinet.



Proper airflow is still maintained even when placing large equipment in a vertical-type cabinet. Turbulence around the equipment is minimized.

### Application



Plant tissue culture  
Media plate preparation  
Electronics inspection  
Medical device assembly  
Pharmacy drug preparation



Microbiology (Non-pathogenic microorganisms)  
Forensics  
Biotechnology (e.g. PCR)  
Compounding sterile products

Esco Airstream® Laminar Flow Clean Benches blends in latest laminar flow technology and innovation to provide proven protection for your samples and processes.



Esco Horizontal Laminar Flow Cabinet



Esco Vertical Laminar Flow Cabinet

**Make the Right Choice!**

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