SIMPLE AND POWERFUL
FOR BIOMEDICAL LABORATORIES

The LabGard® NU-543E biosafety cabinet maximizes RETURN ON INVESTMENT for laboratories seeking containment at the best long term cost of ownership.

The FlowGard control system provides the user with a simple and clear readout of the inflow based on the data input from the airflow sensor.

AIRFLOW SENSOR
Measures exhaust velocity to allow the control panel to calculate inflow velocity.

DC ECM Motor
Compensates filter loading to minimize filter changes.

HEPA Filter(s)
Choice of Single or Dual Exhaust HEPA Filters

LED Lighting and Glass or Steel Sidewalls
according to your preference.

Dished, One-Piece Work Surface
with prop rods retains spills on the surface while remaining easy to clean under.

Telescoping Base Stand
(Optional)
with your choice of leg levelers, castors, and mechanical or motorized adjustability.

Note: Shown with optional features.

Scan for more information

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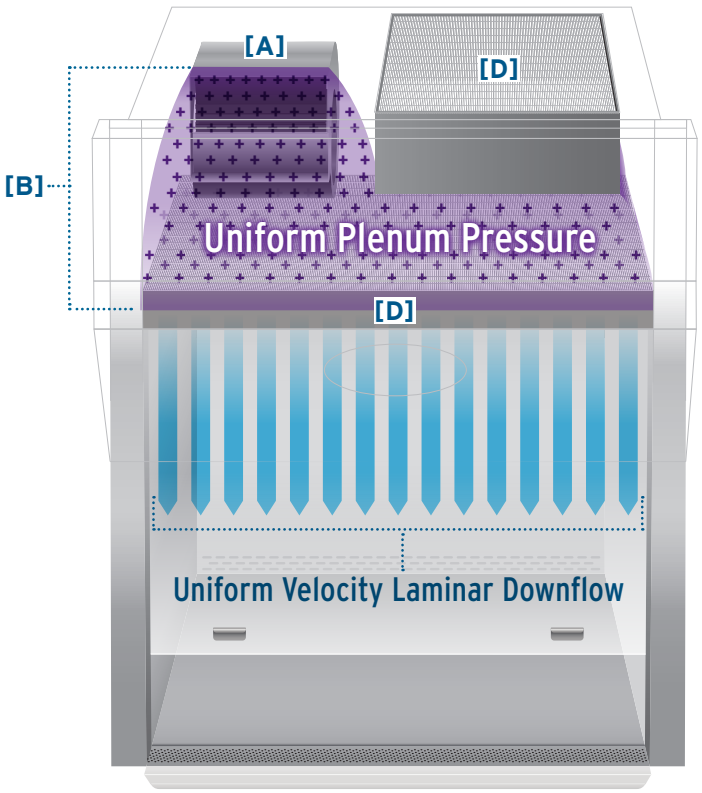
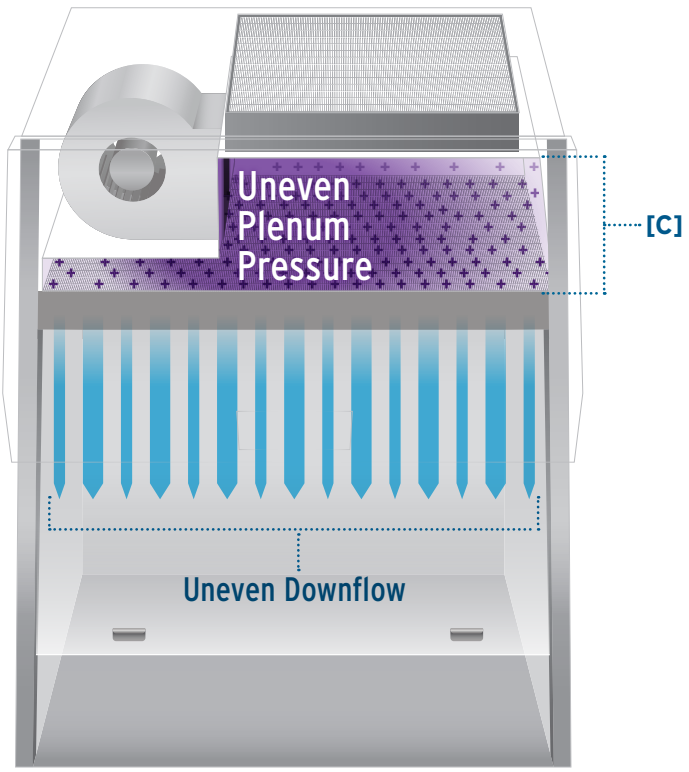
LONG LASTING SAFETY
FOR A LOW TOTAL LIFETIME COST

HEPEX™ Flexible Plenum



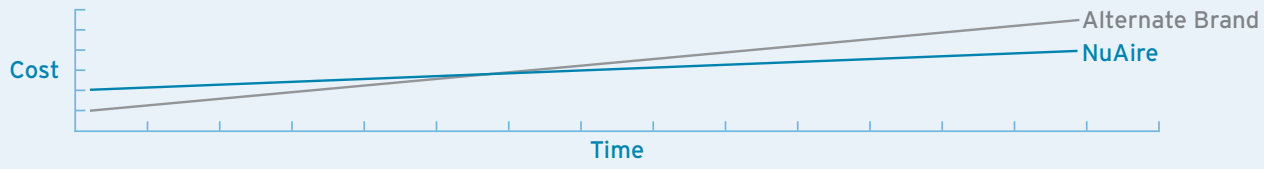
Hypothetical Rigid Plenum



The LabGard biosafety cabinet is designed using an optimally sized **DC-ECM motor/fan [A]** system to move airflow into the permanently mounted **flexible HEPEX plenum [B]** with equal pressure distributing particles evenly onto the upstream side of the HEPA filter. **Rigid plenums [C]** can cause unequal pressure gradients that can lead to uneven particulate loading on the upstream side of the HEPA filter leading to uneven downflow. Even filter loading promotes uniform downflow velocity and extends **HEPA filter [D]** life. The permanently mounted flexible HEPEX plenum is protected within the cabinet and is designed to minimize transmission of motor/fan noise and vibration.

Making the Best Investment in Containment

A low purchase price has the potential to mask long-term expenses and a higher lifetime cost, while a larger initial investment in a quality BSC can yield financial savings over the long term.



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