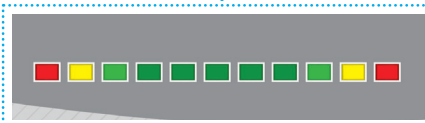


SIMPLE AND POWERFUL FOR BIOMEDICAL LABORATORIES

The LabGard® NU-540 biosafety cabinet maximizes RETURN ON INVESTMENT for laboratories seeking containment at the best long term cost of ownership.

The Aeromax control system provides the user with a simple and clear representation of cabinet performance based on the data input from the pressure sensor.

PRESSURE SENSOR
monitors the plenum pressure and displays green, yellow or red for cabinet performance



Ultra-High Efficiency DC ECM Motor

Compensates filter loading to minimize filter changes.



LED Lighting

Bright and energy efficient.

Stainless Steel

The work zone side and back walls are made of one piece of steel set inside the main enclosure for containment and clean-ability.

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

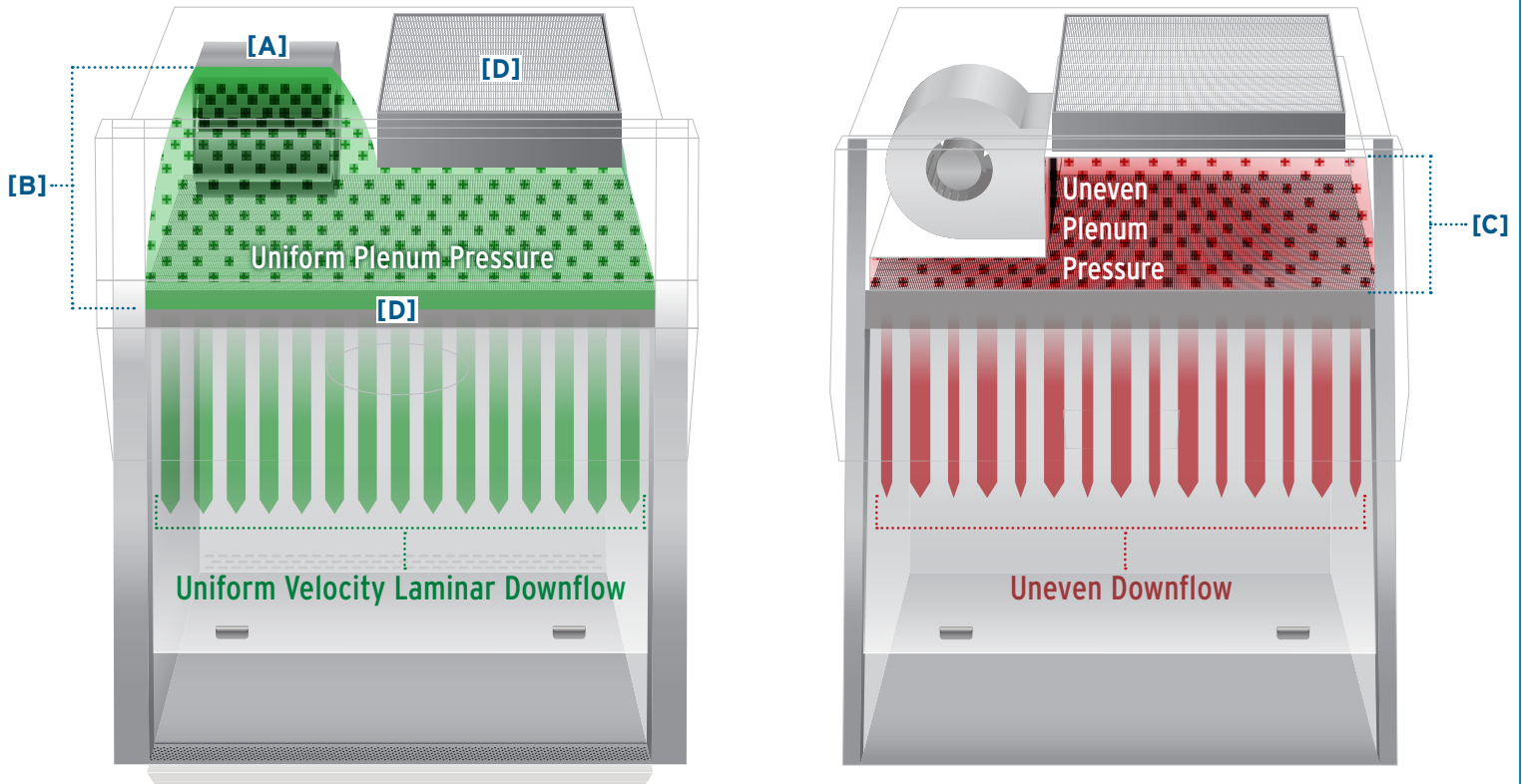


LONG LASTING SAFETY FOR A LOW TOTAL LIFETIME COST

HEPEX™ Flexible Plenum

VS.

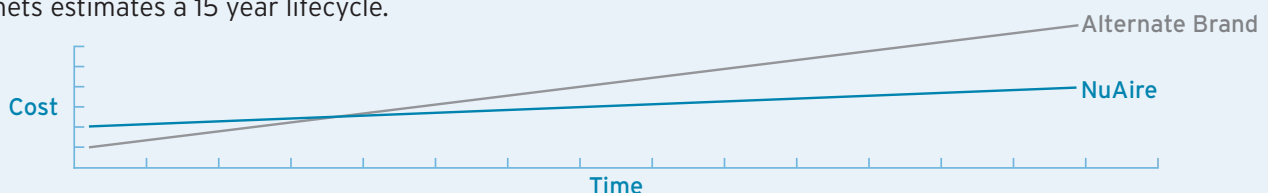
Hypothetical Rigid Plenum



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. The NSF/ANSI 49 standard for biosafety cabinets estimates a 15 year lifecycle.



Note: This is a conceptual illustration only and not a visualization or claim of measured cost data.

