



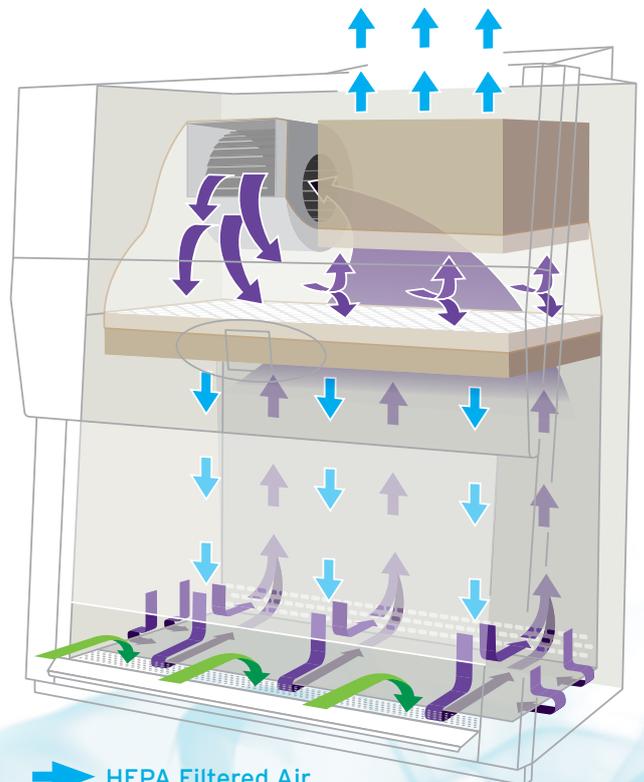
The LabGard<sup>®</sup> ES (Energy Saver) AIR Model NU-543K Class II, Type A2 Biosafety Cabinet (BSC) is a bench/table top model with available base stand options. The NU-543K offers economical operation through the use of our single ultra-high efficiency DC ECM blower to reduce energy consumption and maximize filter load capacity. The NU-543K also offers the greatest degree of versatility of available options and accessories as well as a 254 mm access opening. As a Class II Type A2, the NU-543K can be recirculated back into the room or configured with a canopy transition to an external exhaust blower. The FlowGard<sup>™</sup> central control system utilizes a single airflow sensor with dual-thermistors probe to monitor, display, and control airflow velocity in real-time.



environmental,  
product & personnel  
protection



**FlowGard<sup>™</sup> Electronic Control System**



-  HEPA Filtered Air
-  Contaminated Work Zone Air
-  Contaminated Room Air

## Popular Features & Accessories



Removable Prop-Up Work Tray



Telescoping Base Stand w/ Leg Levelers or Casters



Interior UV Light



Fixed Exhaust Canopy Transition



Cord Pass-Through (NSF-Approved)

## NU-543K Features & Specifications

Class, Type	Class II, Type A2
Cabinet Style	Bench Top w/ Optional Base Stand
Nominal Widths	0.9, 1.2, 1.5, 1.8 m
Workspace Dimensions (W x D x H)	(873 / 1178 / 1483 / 1788) x 654 x 724 mm
Exterior Dimensions (W x D x H)	(1057 / 1362 / 1669 / 1972) x 817 x 1546 mm
Net Weight	186 - 290 kg
Certifications	NSF / ANSI 49, CE, UL listed
Access Opening	254 mm
Electrical Requirements	115V / 60Hz, 15-20 Amp
Filter Load Capacity	250%
Airflow	0.53 m/s Dynamic Inflow, 0.30 m/s True Laminar Downflow ISO Class 5 Air Protection
Supply Filter	76 mm 99.99% Efficient @ 0.3 Microns
Exhaust Filter	305 mm 99.99% Efficient @ 0.3 Microns
Control System	FlowGard™ with Audible/Visual Alarm
Airflow Sensor	IntelliFlow™ Airflow Sensor
Lighting	LED Ultraviolet (UV) Light Option
Nitecare™ Compatible	Yes
Password Protection	Yes
Decontamination Mode	Decon101™
Noise Level	Up to 63 dba*
Construction	Removable Stainless Steel Covered Work Tray with Prop-Up Stand 2 Back-Wall Electrical Outlets 3 Service Couplings and 1 Service Valve (Right/Left Sidewalls) Single Cord Pass-Through Port (Right Sidewall; NSF-Approved) Coved Interior Corners for Easy Cleaning Seam-Welded Stainless Steel Side and Back Wall Construction Recessed & Removable Front Intake Grill Stainless Steel Spill Trough w/ Drain Valve AttenuMont™ Vibration Control Support System Permanent Positive Pressure Plenum w/ Quick Release Supply Filter Removal Frameless Easy-to-Slide Viewing Window Heavy Duty Plastic Armrest IV Bar w/ 6 SST Hooks Additional Service Valves
Base Stand Accessories	Telescoping Adjustable Base Stand w/ Leg Levelers or Casters
Accessories	Fixed Exhaust Canopy Transition
	Standard Feature
	Optional Feature

\*Margin of error: ±2 dbA, measurement performed per ISO 11201:2010 in normal running mode



To Learn More or Request a Quote:

Visit: [www.nuaire.com](http://www.nuaire.com)

or Call: 1-763-553-1270

Toll Free: 1-800-328-3352



\*Contact your local NuAire distributor for international warranty details.

