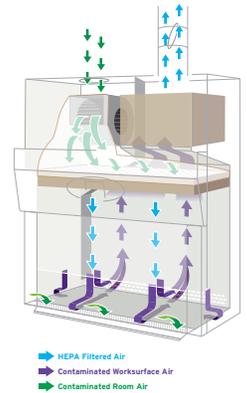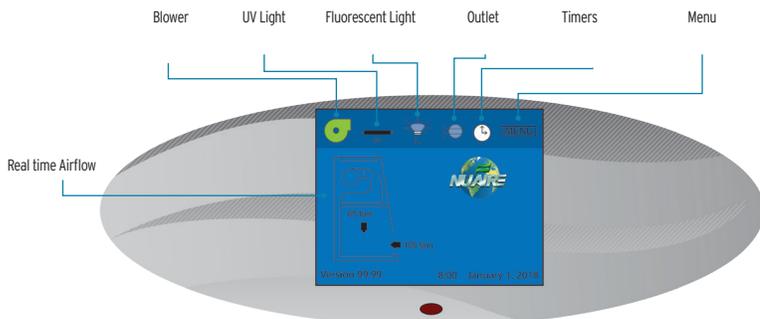The **LabGard® ES (Energy Saver) TE (Total Exhaust) NU-560 Biosafety Cabinet (BSC)** is available as a bench or table top cabinet designed to provide optimum control over product quality in the lab, while also reducing the risk of exposing the product or lab personnel to any airborne biological or particulate chemical agents. This cabinet -- which meets all requirements of a Class II, Type B2 cabinet -- is equipped with an energy-saving motor to maximize energy efficiency and filter loading capacity. As prescribed by the Center for Disease Control in Atlanta, Georgia, the cabinet is intended for use in low to moderate risk-hazard research and drug preparation or product operations.

Performance Features:
- 100% exhausted
- Dynamic air barrier of 100 linear fpm (0.508 m/s) inflow separating laboratory from work zone environment
- True Laminar Unidirectional Down-flow air of 60 fpm (0.30 m/s) for minimal cross contamination
- 300% Filter Load Capacity (±10 Year Average depending on laboratory environment)

→ HEPA Filtered Air
→ Contaminated Worksurface Air
→ Contaminated Room Air

The **NuAire TouchLink Touchscreen LCD Control Center** brings Biological Safety Cabinet performance to your fingertips. The TouchLink control center allows supervisors to control the blower by password, provides real-time airflow measurements and alarms, and integrates quickly with current facility security systems. TouchLink also simplifies maintenance by providing detailed diagnostic information and step-by-step decontamination procedures. TouchLink can even wake up when you do—by running the blower and lights on a customizable schedule!

Blower | UV Light | Fluorescent Light | Outlet | Timers | Menu

Real time Airflow

intelli**flow**

intelli**flow**™ airflow sensor technology incorporates the same thermal anemometer technology used by service technicians (certifiers) to annually verify your biological safety cabinet's airflow performance.

nite**care**

Night setback mode is initiated by the window closure, will reduce motor / blower operational airflow to conserve energy while maintaining work zone sterility.

NuAire® | 2100 Fernbrook Lane | Plymouth, MN 55447 | USA | 763-553-1270 | www.nuaire.com

Efficiency Features:

- Ultra High Efficiency ECM Eon™ Motor
- Auto Filter Loading Compensation
- Motor Speed Controller
- Internal Exhaust Damper
- nitecare Night Setback

Superior Construction Features:

- Monolithic 16/18 Gauge, Type 304 Stainless Steel Welded
- Pressure Tight Construction (Silicone Free)
- Removable Control Center

- Removable Stainless Steel Coved Work Tray
- Recessed and Removable Front Intake Grill
- Stainless Steel Spill Trough with Drain Valve
- Vibration Reducing Work Surface Support System
- External Non-Glare 110 lm/ft² LED Lighting
- Window can be sealed through an inner gasket creating a gas light connection for decontamination

Safety Features:

- 3" (76 mm) Supply HEPA Filter, 99.99 @ 0.3

Micron Efficiency Rating

- 12" (305 mm) Exhaust HEPA filter, 99.99 @ 0.3 Microns Efficiency Rating
- Airflow probe, pressure grid airflow monitoring
- Airflow / Window Alarms with Ring Back Function
- Security Password Protection
- HEPEX Zero Leak Airflow System
- NSF/ANSI 49, UL Listed

Specifications

Model	Width Size (nominal)	Electrical* (all sizes)	Interior Dimensions (W x D x H) [in]	Exterior Dimensions (W x D x H) [in]	Net Weight	Exhaust Requirement
NU-560-400	4 ft [1.2 m]	115 VAC / 60 Hz **E:** 230 VAC / 50 Hz-60 Hz	53 ⁵/₈ x 31 ⁷/₁₆ x 62 [1362 x 798 x 1575]	46 ³/₈ x 26 x 25 ³/₁₆ [1178 x 660 x 640]	490 lbs [222 kg]	815 CFM @ 1.7 w.g.
NU-560-600	6 ft [1.8 m]		70 ³/₈ x 26 x 25 ³/₁₆ [1788 x 660 x 640]	77 ⁵/₈ x 31 ⁷/₁₆ x 62 [1972 x 798 x 1575]	680 lbs [308 kg]	1275 CFM @ 1.8 w.g.

*Specify model with appropriate letter suffix for electrical specifications. "NU-560-400E" for 230 VAC / 50 - 60 Hz

Standard Features

Monitor 16/18 Gauge, Type 304 Stainless Welded Pressure Tight Construction

Ultra-high Efficiency Motor

Touchlink2 Electronic Control System

Intelliflow Airflow Monitoring

Automatic Filter Loading Compensation

Motor Speed Controller

Internal Exhaust Damper

NiteCare Night Setback

HEPEX Zero Leak Airflow System

Front Filter Removal

Permanent Plenum with Quick Release Supply Filter

Metal Diffuser Over Supply Filter

3-inch (76mm) Supply HEPA Filter 99.99 @ 0.3 Micron Efficiency Rating

12-inch (305mm) Exhaust HEPA Filter 99.99 @ 0.3 Micron Efficiency Rating

Attenumont Vibration Control

Exterior LED Lighting

8-inch (254mm) Access Opening (NSF/ANSI 49)

Frameless Sliding Tempered Glass View Screen

Heavy Duty, Ergonomic Plastic Armrest

10 degree slope front

Removable Work Tray

Work Surface Support System

Spill Through Drain Valve

One Duplex Outlet Left Front Fairing

One Service Valve Right Side Wall

One Service Coupling Right Side Wall

Two Service Couplings Left Side Wall

Power Cord

Optional Features and Accessories

Bag In/Bay Out of Exhaust HEPA Filter with Single Point External Release

Ultraviolet Light

Additional Service Valves for Gas, Air, Vacuum

Remote Service Valves

Additional Duplex Outlet

Ground Fault Interrupter for Electrical System

IV Bar with 6 Stainless Steel Hooks

Gas Tight Butterfly Valves (Manual or Automatic)

Base Support Stand Telescoping

Adjustable Control for Support Stand or Storage Cabinet

Sink with Hot/Cold or DI Water Faucets

Storage Pull-Out Trays

Decorative Side Panels

Prefilter for Supply Air

Arm Rest (Stainless Steel)

Elbow Rests

Popular Accessories/Built-in Options

Telescoping Leg Leveler or Castor Base Stand

Motorized Base Stand

Prop Up Work Surface

Arm Rest Pads

Elbow Rest

Ultraviolet (UV) Light

International Federation of Biosafety Associations

NuAire is a sponsor of the IFBA

Visit **www2.nuaire.com/06380** to make a request online or scan the code.

NuAire® | 2100 Fernbrook Lane | Plymouth, MN 55447 | USA | 763-553-1270 | www.nuaire.com