NU-565 LabGard® Class II, Type B2 Biosafety Fume Hood
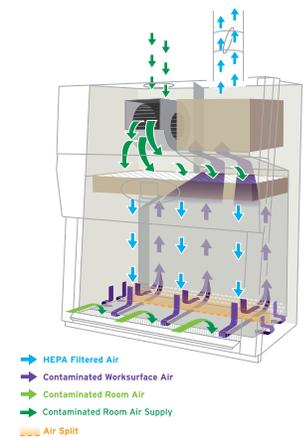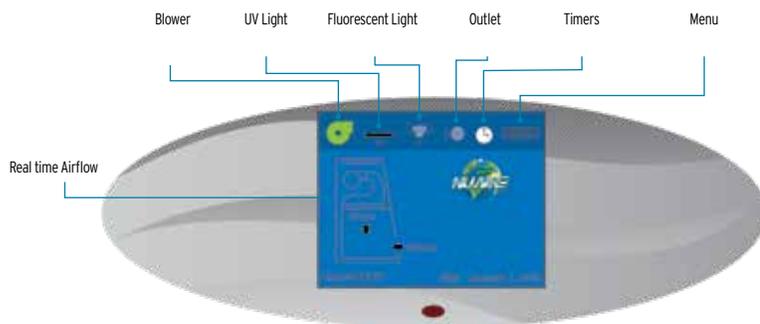
The **LabGard® ES (Energy Saver) TE (Total Exhaust) NU-565 Biosafety Fume Hood)** is a bench/table top model, optionally available with a base support stand, for operation as a console model. The LabGard ES model NU-565 is classified to UL 1805 may be used for work with flammable or volatile chemicals and radionuclides required if permitted by chemical risk assessment.

Performance Features:
- 100% exhausted
- Dynamic air barrier of 105 linear fpm (0.54 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% Supply Filter Load Capacity (±10 Year Average depending on laboratory environment)

→ HEPA Filtered Air
→ Contaminated Worksurface Air
→ Contaminated Room Air
→ Contaminated Room Air Supply
▨ Air Split

The **NuAire TouchLink Touchscreen LCD Control Center** brings Biosafety 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.

NU-565 LabGard® Class II, Type B2 Biosafety Fume Hood

Efficiency Features:
- Single Ultra High Efficiency DC/ECM Motor
- Auto Filter Loading Compensation
- Motor Speed Controller
- 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

Safety Features:
- 3" (76 mm) Supply UL 586 HEPA Filter, 99.99 @ 0.3 Micron Efficiency Rating
- 12" (305 mm) Exhaust UL 586 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
- UL 1805

environmental, product & personnel protection

Specifications

Model	Width Size (nominal)	Electrical* (all sizes)	Interior Dimensions (W x D x H) [mm]	Exterior Dimensions (W x D x H) [mm]	Net Weight	Exhaust Requirements
NU-565-400	4 ft [1.2 m]	115 VAC / 60 Hz E: 230 VAC / 50 Hz-60 Hz	46 3/8 x 23 1/2 x 25 1/2 [1178 x 597 x 648]	53 5/8 x 32 7/8 x 61 [1362 x 835 x 1549]	550 lbs [249 kg]	815 CFM, 1385 CMH
NU-565-600	6 ft [1.8 m]		70 3/8 x 23 1/2 x 25 1/2 [1788 x 597 x 648]	77 5/8 x 32 7/8 x 61 [1972 x 835 x 1549]	740 lbs [336 kg]	1275 CFM, 2166 CMH

*Specify model with appropriate letter suffix for electrical specifications. "NU-565-400E" 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
- 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 UL 586 HEPA Filter 99.99 @ 0.3 Micron Efficiency Rating
- 12-inch (305mm) Exhaust UL 586 HEPA Filter 99.99 @ 0.3 Micron Efficiency Rating

- Attenumont Vibration Control
- Exterior LED Lighting
- 8-inch (203mm) Access Opening (NSF/ANSI 49)
- Frameless Sliding Tempered Glass View Screen
- Gasketed Window Frame
- Heavy Duty, Ergonomic Plastic Armrest
- Removable Work Tray
- Work Surface Support System
- Spill Through Drain Valve
- One Duplex Outlet Left Front Farring
- Two Remote Service Valve Right Side Wall
- Two Service Couplings Left Side Wall
- Power Cord

Optional Features & Accessories

- Bag In/Bag Out of Exhaust HEPA Filter with Single Point External Filter Release
- Additional 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 (available in standard working surface heights of 30 or 36 inches) (762mm or 914mm) With or Without Storage Shelves
- Adjustable Control for Support Stand or Storage Cabinet
- Hinged Viewing Window
- Sink with Hot/Cold or DI Water Faucets
- Storage Pull-Out Trays

- Sorbent Exhaust Filter Module
- Prefilter for Supply Air
- Arm Rest (Stainless Steel)
- Elbow Rests
- Airflow Control Options
  - Air supply On/Off Control
  - Cabinet Off Override
  - Delay Off Exhaust Airflow
  - Delay On Supply Airflow
  - Exhaust Airflow Loss Override
- Prop-up Work Tray
- NSF Approved Cord Pass Throughs
- Stainless Steel Window Edge Protector
- Pre-pipped Plumbing
- Stainless Steel Armrest

Popular Accessories/Built-in Options

Telescoping Leg Leveler or Castor Base Stand

Motorized Base Stand

Prop Up Work Surface

Arm Rest Pads

Bag-in/Bag-out Exhaust Filter

Automatic and Manual Butterfly Valves

NuAire is a sponsor of the IFBA

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