

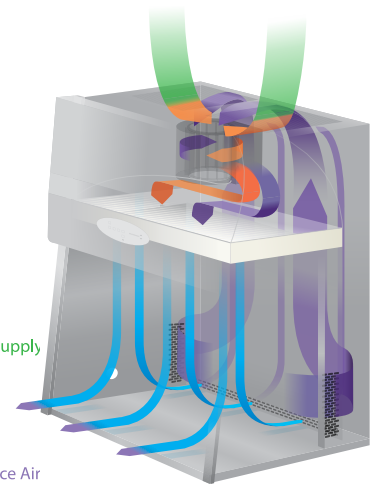
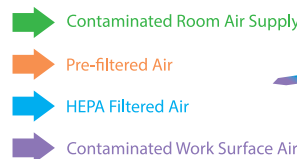
## NU-140 AireGard™ ES (Energy Saver) Vertical Laminar Airflow Workstation



The **AireGard™ Vertical Laminar Airflow Workstations** (LAFW) model NU-140 is designed as a table top cabinet that features the newest technologies in laminar airflow design, materials and manufacturing processes. The clean workstation can be used where clean airflow per ISO 14644-1 is required for the preparation of injectable drugs, IV solutions, tissue culture, optics, microelectronics, etc. The clean workstation is used to protect the product from contamination. The clean workstation is optionally available with a base stand, placing the work surface at 30" (762mm) or 36" (914mm). A significant number of design innovations give the NuAire Laminar flow equipment superior performance qualities in airflow, lighting, noise levels and vibration.



product protection

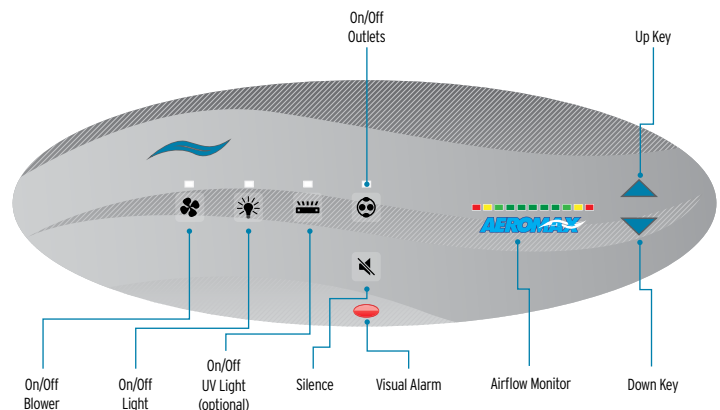


### Features

- Control blower & lights via solid state switch.
- Disable audible alarm switch with ring back function.
- Control DC ECM motor with solid-state Motor Controller that provides automatic compensation (constant volume control) for both filter loading and line voltage variances.
- Security password protection of Work station use.
- Work station usage sync functions with blower, fluorescent light.
- Work station usage auto duration timers, fluorescent light.



Electronic Control system monitors and displays airflow system performance via **PressureFlow** - A specialized digital pressure transducer. Audible and visual alarms will trigger in the event of high or low airflow status.



## NU-140 AireGard™ ES (Energy Saver) Vertical Laminar Airflow Workstation

### Quick Specifications

Model	Width Size (nominal)	Electrical* (all sizes)	Work Area Dimensions (W x D x H) [mm]	Exterior Dimensions (W x D x H) [mm]	Net Weight
NU-140-330	3 ft [0.9 m]	115 VAC / 60 Hz E: 230 VAC / 50 Hz-60 Hz	33 <sup>7</sup> / <sub>8</sub> x 24 <sup>7</sup> / <sub>8</sub> x 30 <sup>1</sup> / <sub>8</sub> [860 x 630 x 765]	38 x 32 x 58 [965 x 813 x 1473]	300 lbs [136 kg]
NU-140-430	4 ft [1.2 m]		45 <sup>7</sup> / <sub>8</sub> x 24 <sup>7</sup> / <sub>8</sub> x 30 <sup>1</sup> / <sub>8</sub> [1165 x 630 x 765]	50 x 32 x 58 [1270 x 813 x 1473]	355 lbs [161 kg]
NU-140-530	5 ft [1.5 m]		57 <sup>7</sup> / <sub>8</sub> x 24 <sup>7</sup> / <sub>8</sub> x 30 <sup>1</sup> / <sub>8</sub> [1470 x 630 x 765]	62 x 32 x 58 [1575 x 813 x 1473]	420 lbs [191 kg]
NU-140-630	6 ft [1.8 m]		69 <sup>7</sup> / <sub>8</sub> x 24 <sup>7</sup> / <sub>8</sub> x 30 <sup>1</sup> / <sub>8</sub> [1775 x 630 x 765]	74 x 32 x 58 [1880 x 813 x 1473]	595 lbs [270 kg]

\*Specify model with appropriate letter suffix for electrical specifications. "NU-140-330E" for 230 VAC / 50 - 60 Hz

### Features

#### Performance

True laminar vertical air of 90 fpm (0.46 m/s)  
250% Filter load capacity (±10 Year Average dependent on environment)  
Meets performance requirements IEST-RP-CC002.4 and ISO 14644-1  
ISO Class 5 Air Quality

#### Protection

HEPEX Zero Leak Airflow System  
Pureflow Vacuum Slots

#### Motor

Ultra-High Efficiency DC ECM Motor with optimally determined forward-curved fan  
Attenuation Vibration Control

#### Controls

AeroMax Electronic Control System w/ PressureFlow Monitor

#### Filter

3-inch (76 mm) Metal Frame Separatorless HEPA Filter 99.995% efficient @ 0.3 μ  
Permanent positive pressure plenum with quick release supply filter removal  
Quick Removal Protective Metal Diffuser  
Pre-filter System

#### Ergonomics

ADA Compliant  
Large User-friendly Work zone

### Design Your Own

#### Nominal Width

3-foot (0.9 m)  
4-foot (1.2 m)  
5-foot (1.5 m)  
6-foot (1.8 m)  
Connections Kits for Extended Sizes

#### Work Surface

16/18 Gauge Type 304 Stainless Steel with PVC Core (standard)  
Nevamar with PVC Core

#### Sidewalls

16/18 Gauge Type 304 Stainless Steel with Cord Pass Through on either Sidewall (standard)  
Polycarbonate with Cord Pass Through on either Sidewall

#### Lighting

Fluorescent [90 fc (968 lux)] (standard)  
LED [90 fc (968 lux)]

#### Options

IV Bar with 3 locations, 6 hooks  
UV Light with Protective Sliding Sash  
Outlets  
Service Valves  
Storage Drawers  
Seismic Brackets

#### Accessories

Telescoping Base Stand (Casters, Leg Levelers)  
Telescoping Base Stand (OSHDP OPM) (Leg Levelers)  
Motorized Adjustable Height Base Stand (Casters, Leg Levelers)  
Base Stand Shelf (8, 12-inch) [203, 305 mm]  
Ergotron Computer Monitor/Keyboard Arm  
Adjustable Footrest  
Stainless Steel Turntable



### Popular Accessories/Built-in Options



**Telescoping Base Stand**  
- Work Surface Height Range 30" - 36" (762 - 914 mm)  
- Feet Options: Leg Levelers or Casters  
- Shelf, 8 or 12-inch width  
- OSHDP OPM Seismic Approved



**Motorized Base Stand**  
- Work Surface Height Range 30" - 36" (762 - 914 mm)  
- Feet Options: Leg Levelers or Casters



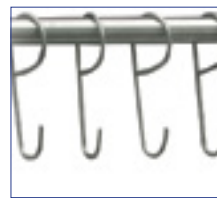
**Ergotron® Arm for Monitor and Keyboard/Mouse**



Exterior LED Lighting



Ultraviolet (UV) Light with Protective Window Sash



IV Bar  
- 3 Height Locations  
- 6 Hooks

For pricing and ordering information please contact your local NuAire partner or call/visit:  
Phone: 763-553-1270  
Web: [www.nuair.com](http://www.nuair.com)

Your Local NuAire Partner

