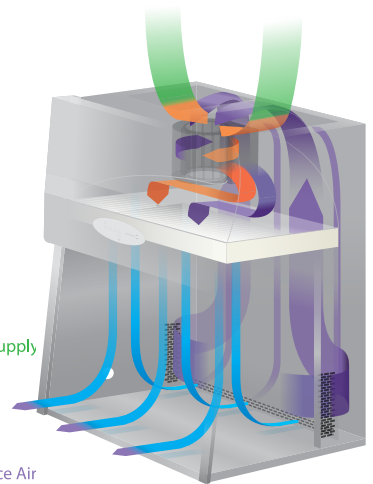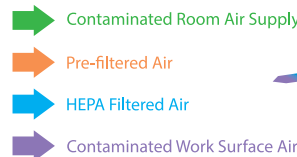# AIREGARD ES

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.
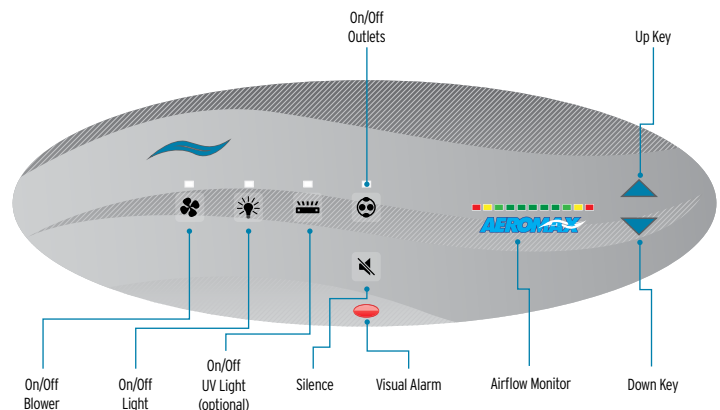

product protection

➡ Contaminated Room Air Supply
➡ Pre-filtered Air
➡ HEPA Filtered Air
➡ Contaminated Work Surface Air

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.

On/Off Outlets

Up Key

AEROMAX

On/Off Blower | On/Off Light | On/Off UV Light (optional) | Silence | Visual Alarm | Airflow Monitor | Down Key

AEROMAX

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]		33⁷/₈ x 24 ⁷/₈ x 30¹/₈ [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]	115 VAC / 60 Hz **E:** 230 VAC / 50 Hz-60 Hz	45⁷/₈ x 24⁷/₈ x 30¹/₈ [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]		57⁷/₈ x 24⁷/₈ x 30¹/₈ [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]		69⁷/₈ x 24⁷/₈ x 30¹/₈ [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

Attenumont 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

c UL us | CE | energy saver | RoHS COMPLIANT | ISO CLASS 5 | 5 YEAR WARRANTY PARTS • LABOR + FILTERS United States, Canada | 4 YEAR WARRANTY PARTS + FILTERS Worldwide

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 (OSHPD 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
- OSHPD OPM Seismic Approved

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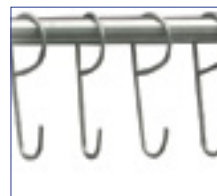- Feet Options: Leg Levelers or Casters

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.nuaire.com

Your Local NuAire Partner