

ALLERGUARD^{ES}

NU-620 CONTAINMENT ANIMAL TRANSFER STATION

CONTAINMENT ANIMAL TRANSFER STATION



NuAire, Inc. | 2100 Fernbrook Lane | Plymouth, MN 55447 | U.S.A. | nuaire.com

ALLERGARD^{ES}

NU-620 CONTAINMENT ANIMAL TRANSFER STATION



NuAire's AllerGard Small Animal Transfer Station model NU-620 provides ISO Class 4 sterility and protection for research animals.

The **AllerGard 620** is offered in 3 sizes and 2 distinct configurations. As a single sided unit the NU-620 protects personnel by containing allergens shed by animals and bedding materials through an air barrier of 75 fpm (0.38 m/s) at the front of the cabinet and offers animal protection through

uniform down flow air at 60 fpm (0.30 m/s) minimizing cross contamination. As a dual sided cabinet the NU-620 maximizes usable space allowing access to the work zone from either side of the cabinet.



NU-620-400
Double-Sided Unit



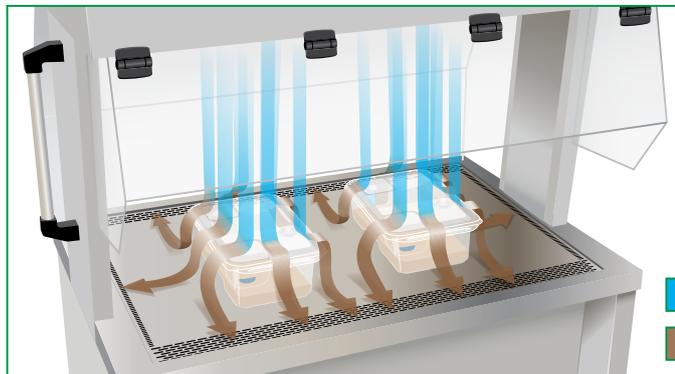
NU-620-401
Single-Sided Unit

Single Side Access - High Containment

The AllerGard NU-620 singled-sided cabinet is modeled after a Class II Biological Safety Cabinet* offering personnel, product, and environmental protection through proper filtration and airflow.

Single Access Configuration

The rear of the cabinet is enclosed using a clear polycarbonate wall. [A] Side windows are lowered to maximize containment and product protection. [B] The work surface grill's perforated vacuum slots around the outer edges and back of the unit increases the airflow volume through the front work access opening. The work surface design along with a powerful exhaust motor allows 75 fpm (0.38 m/s) to move through the front access for improved product protection. Uniform down flow air flushes the work area and 60 fpm (0.30 m/s) and is pulled through the vacuum slots minimizing contamination maintaining animal sterility.



 HEPA-filtered Air
 Contaminated Air



NU-620-401
Single-Sided Unit

Single Pass Airflow Pattern Eliminates Work Zone Heat Buildup

The airflow pattern starts with the supply pre-filter located on top of the station, continues through the supply Impeller and through the supply HEPA filter providing 99.99% particle removal at 0.3 microns. The airflow moves in a uniform vertical pattern providing particulate-free air in the work zone. The down flow air is then pulled into the vacuum slots around the work surface, through the exhaust pre-filters, and the exhaust HEPA filter.



- Room Air
- Pre-filtered Air
- Clean HEPA Filtered Air

Dual Side Access - Flexibility

The AllerGard NU-620 Dual-Sided cabinet offers flexibility and correct user ergonomics

Dual Access Configuration

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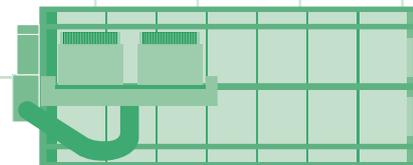
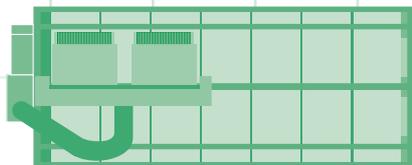
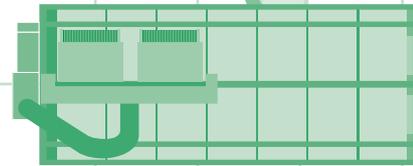
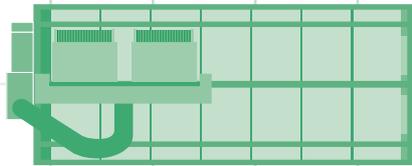
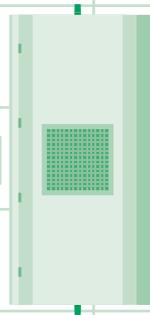
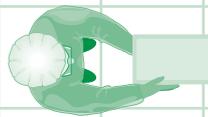
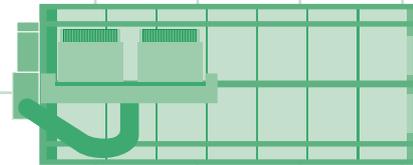
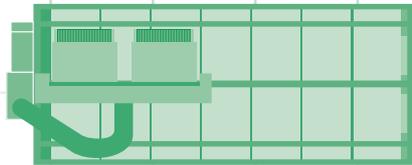
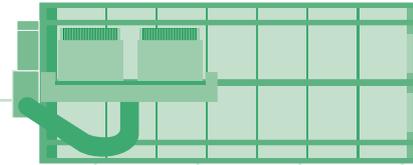
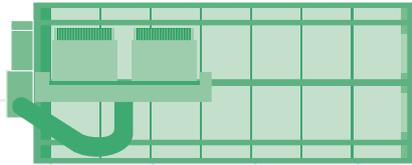
The AllerGard NU-620 can easily be moved by one technician, and fits through standard doorways.



An optional polycarbonate shield can be quickly installed without tools, enclosing either access of a dual-access AllerGard NU-620 allowing which allows it to function as a single-access unit.



NU-620-400
Double-Sided Unit

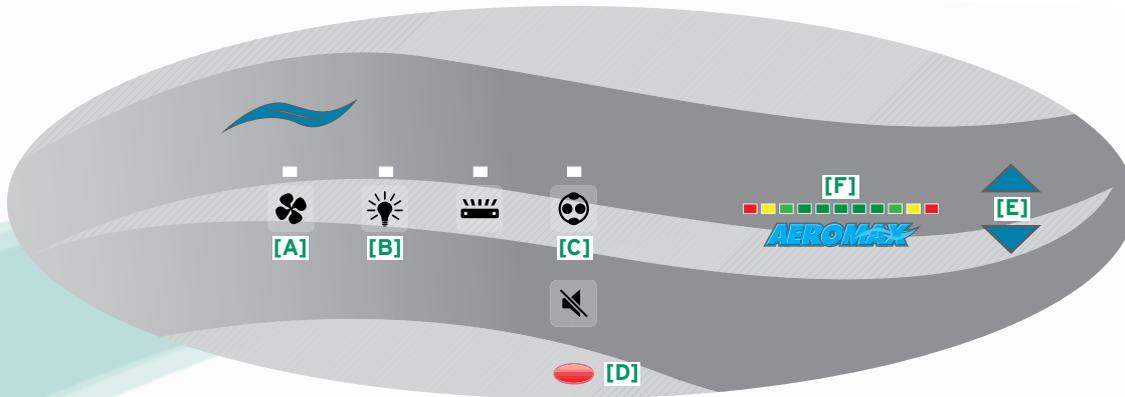


AeroMax Electronic Control System

The AeroMax Electronic Control System (ECS) monitors and displays airflow system performance via PresurFlow™ - A specialized digital pressure transducer.

The AeroMax ECS features:

- Automatic Filter Load Compensation
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- Software updates via USB
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[E] The Arrow Adjustment keys allow user interaction for various functions.

[F] Visual status alarm:

Green = Acceptable Pressure

Yellow = Caution, near alarm point

Red = Alarm Condition



Expanded Vision Zone



Large Work Area



Proper Ergonomics - Seated or Standing

Lumbar Support for Lower Back

Adjustable Seat Height 23"- 28"

90° Seat Back Angle

90°

Wrists Straight

90° Knee Angle
6" (152 mm)
User Knee Space

Footrest for Proper Posture



14"

14" (356 mm) Access Opening

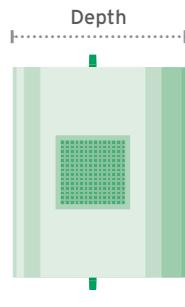
AllerGard NU-620 Containment Animal Transfer Station

The **AllerGard High Containment Animal Transfer Station** can be configured as a single sided unit (NU-620-x00) for maximum containment or as a dual sided unit (NU-620-x01) to maximize usability.

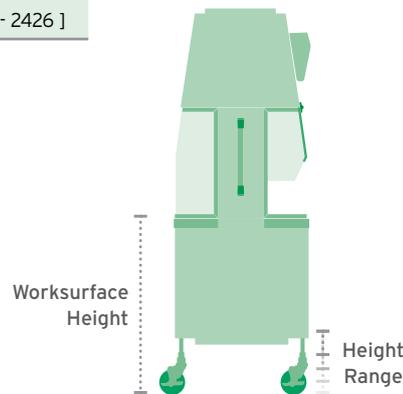
Model	Width Size (nominal)	Electrical* (all sizes)	Work Surface (W x D) in [mm]	Exterior Dimensions** (W x D) in [mm]	Net Weight
NU-620-300/301	3.5 ft [1.1 m]	115 VAC / 60 Hz E: 230 VAC / 50 / 60 Hz	36 ⁵ / ₈ x 28 ¹ / ₄ [930 x 718]	43 x 30 [1067 x 762]	430 lbs [195 kg]
NU-620-400/401	4 ft [1.2 m]		42 ⁵ / ₈ x 28 ¹ / ₄ [1083 x 718]	49 x 30 [1219 x 762]	460 lbs [209 kg]
NU-520-500/501	5 ft [1.5 m]		54 ⁵ / ₈ x 28 ¹ / ₄ [1387 x 718]	61 x 30 [1524 x 762]	530 lbs [240 kg]

* Specify model with appropriate letter suffix for electrical specification. "NU-620-300E" for 230 VAC / 50 Hz. ** Add 5" (127 mm) overall for push/pull bars.

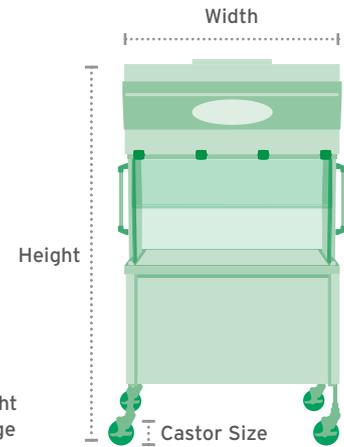
Castor Size in [mm]	Height Range in [mm]	Work Surface (H) in [mm]	Station Height (H) in [mm]
4 [102]	12 [305]	35 1/2 - 47 1/2 [902 - 1207]	80 1/2 - 92 1/2 [2045 - 2426]



Top View



Left View



Front View

Performance Specifications:

NU-620-xx0 (Dual Sided)

25 fpm (0.13 m/s) Inflow
60 fpm (0.30 m/s) Down Flow

NU-620-xx1 (Single Sided)

75 fpm (0.38 m/s) Inflow
60 fpm (0.30 m/s) Down Flow

Standard Features:

AeroMax Electronic Control System
Ultra High Efficiency DC/ECM Motor
Ultra High Efficiency EC Impeller
Attenuation Vibration Control System
76 mm (3") Metal Frame Supply HEPA Filter
99.99% @ 0.3 microns
76 mm (3") Metal Frame Exhaust HEPA Filter
99.99% @ 0.3 microns
Washable/reuseable exhaust pre-filter
Washable/reuseable supply pre-filter
Metal Diffuser Over Supply Filter
14" (356 mm) Hinged Window Sash Access Opening**
LED Lighting
Light Timer
4" (102 mm) Castors w/ Brakes
Two (2) Push/Pull Bars
Removable Prop Up Work Tray
Spill Trough with Waste Chute
One (1) Duplex Outlet Right Side Wall
12 ft [2.5 m] Power Cord

Optional Features and Accessories*:

Disposable exhaust pre-filter
Disposable supply pre-filter
Feed Hopper (Left, Right, Dual)
Magnifying Glass Window
Stainless Steel Folding Shelf
Hand Sanitizer
Duplex Outlets
GFI Duplex Outlets
Adjustable Footrest

Custom Solutions

Heated Work Surface
Pre-piped Plumbing
Edstrom Watering Systems
Red Light

* Note: some optional features are not approved by 3rd party listings. Please contact NuAire information.



NU-620-401
Single-Sided Unit



NU-620-401
Double-Sided Unit

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Folding Shelf



Cage Top Holder



Hand Sanitizer



Magnifying Glass



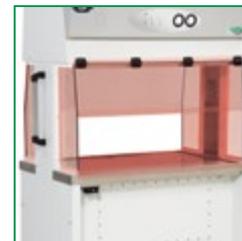
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Bottle Rack



Base Stand Shelf



Red Light



Complete your Laboratory

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LABGARD
Biological Safety Cabinets



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**Polypropylene Fume Hoods
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Custom Solutions

Delivering product to the customer that is cost effective, exceeds their requirements, delivers product on-time, and increases productivity and profitability.

In every NuAire product you'll find brilliant but practical design, keen attention to detail in every phase of the fabrication and assembly process, thoroughly tested, outstanding value, and dependable service. These are the foundation for NuAire's international reputation, and practical reasons why NuAire is universally recognized as the finest. NuAire's Quality Policy to Satisfy Customers, Comply with Quality System Requirements and Continually Improve.

Sales and Service Like No Other NuAire employs a network of knowledgeable sales and service individuals some of which have been selling and servicing NuAire Laboratory Products since our inception in 1971.

Our Sales Representatives are located throughout the globe providing you with a local individual who can assist product selection, pricing, installation, training, and service throughout the life of your product. Once you buy a NuAire you're a part of our family and we'll work hard to satisfy your needs.

NuAire offers service-training classes and individualize assistance to service professionals in the laboratory community. These NuAire certified companies are located throughout the world allowing NuAire to provide service and assistance to the farthest corners of the earth. Have the option to select from multiple service vendors in your area to find a company that fits your needs.

Contracts, GPO's and many more! NuAire has a variety of Contracts set up through Group Purchasing Organizations, Government Associations, Health Systems, Universities and many more.



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Double-Sided Unit



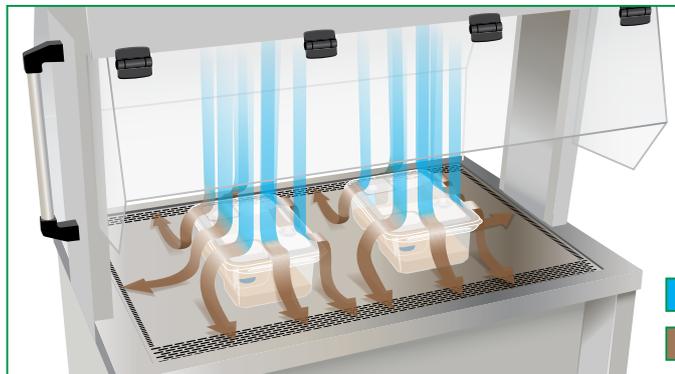
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 Contaminated Air



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Single Pass Airflow Pattern Eliminates Work Zone Heat Buildup

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- Room Air
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Dual Side Access - Flexibility

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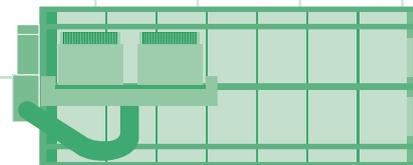
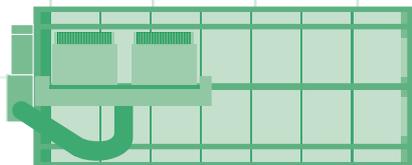
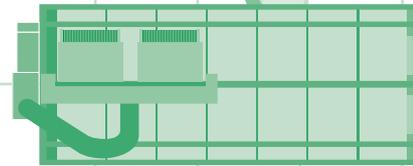
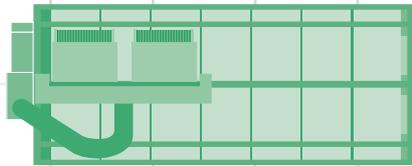
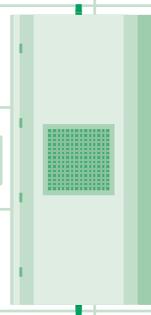
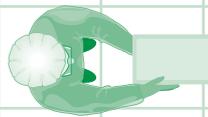
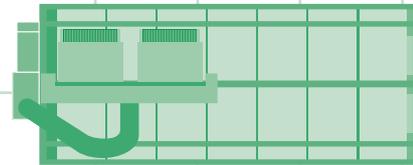
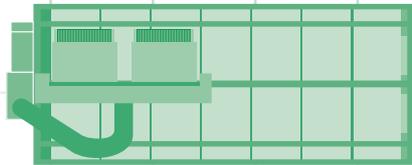
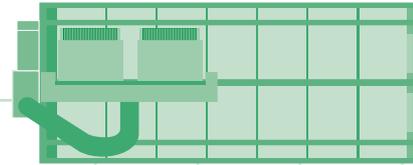
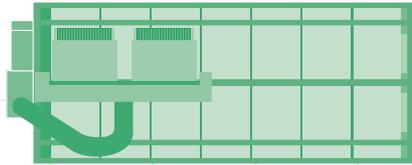
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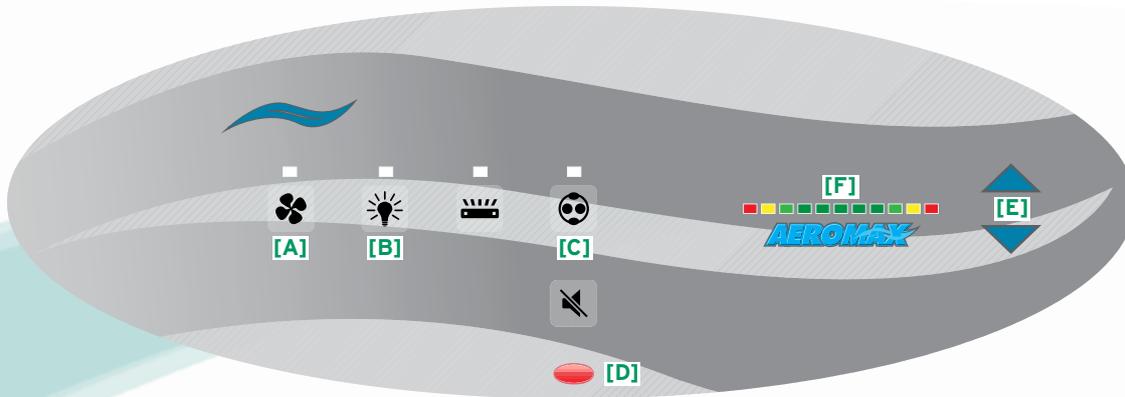


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14" (356 mm) Access Opening

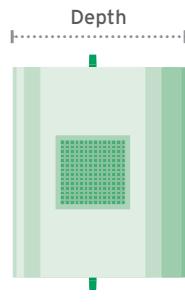
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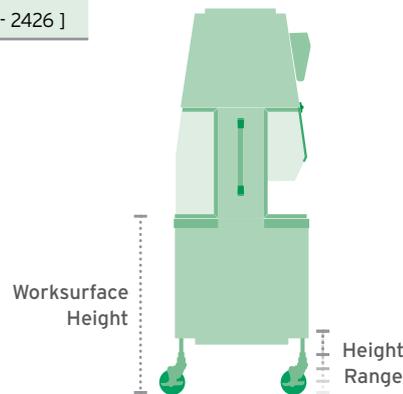
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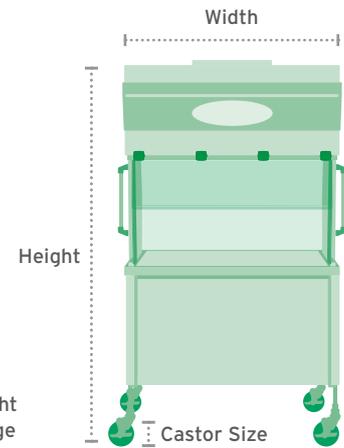
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Top View



Left View



Front View

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LED Lighting
Light Timer
4" (102 mm) Castors w/ Brakes
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Removable Prop Up Work Tray
Spill Trough with Waste Chute
One (1) Duplex Outlet Right Side Wall
12 ft [2.5 m] Power Cord

Optional Features and Accessories*:

Disposable exhaust pre-filter
Disposable supply pre-filter
Feed Hopper (Left, Right, Dual)
Magnifying Glass Window
Stainless Steel Folding Shelf
Hand Sanitizer
Duplex Outlets
GFI Duplex Outlets
Adjustable Footrest

Custom Solutions

Heated Work Surface
Pre-piped Plumbing
Edstrom Watering Systems
Red Light

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NU-620-401
Double-Sided Unit

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Folding Shelf



Cage Top Holder



Hand Sanitizer



Magnifying Glass



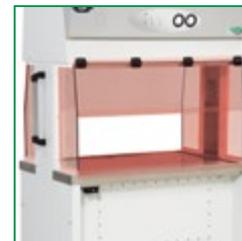
Feed Hopper



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Base Stand Shelf



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Biological Safety Cabinets



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Our Sales Representatives are located throughout the globe providing you with a local individual who can assist product selection, pricing, installation, training, and service throughout the life of your product. Once you buy a NuAire you're a part of our family and we'll work hard to satisfy your needs.

NuAire offers service-training classes and individualize assistance to service professionals in the laboratory community. These NuAire certified companies are located throughout the world allowing NuAire to provide service and assistance to the farthest corners of the earth. Have the option to select from multiple service vendors in your area to find a company that fits your needs.

Contracts, GPO's and many more! NuAire has a variety of Contracts set up through Group Purchasing Organizations, Government Associations, Health Systems, Universities and many more.



ISO 9001:2008 Certificate
ISO 13485 Certificate



Your Local NuAire Partner



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