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.
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.

*Disclaimer: NuAire Model NU-620 should NOT be used as a substitute for a Class II, Type A2 Biological Safety Cabinet. The NU-620 is not a containment device for airborne particulate in low to moderate risk-hazard research as prescribed by the CDC/NIH Biosafety in Microbiological and Biomedical Laboratories.
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.
Dual Side Access - Flexibility

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

Dual Access Configuration
As a dual sided cabinet the AllerGard NU-620 highlights the ergonomic features designed into the cabinet. The mobile design allows multiple technicians to use the cabinet at the same time, or allows for easy access when moving the cabinet through a cage aisle.

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 ECS features:

- Automatic Filter Load Compensation
- Warm-up mode
- Password Protection
- Software updates via USB
- Software / hardware watchdog - automatically reset upon failure to last known status or to blower “ON” to assure containment.

[A] The Blower key indicates and controls ON/OFF power to the blower.
[B] The Light key indicates and controls ON/OFF power to the fluorescent light.
[C] The Outlet key indicates and controls ON/OFF power to the outlets.
[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
Proper Ergonomics - Seated or Standing

- Expanded Vision Zone
- Large Work Area
- 14” (356 mm) Access Opening
- 90° Seat Back Angle
- Wrist's Straight
- Lumbar Support for Lower Back
- Adjustable Seat Height 23”-28”
- 90° Knee Angle 6” (152 mm) User Knee Space
- User Knee Space 6” (152 mm)
- Footrest for Proper Posture
- 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-xOO) for maximum containment or as a dual sided unit (NU-620-x01) to maximize usability.

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

* 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.

---

<table>
<thead>
<tr>
<th>Castor Size in [mm]</th>
<th>Height Range in [mm]</th>
<th>Work Surface (H) in [mm]</th>
<th>Station Height (H) in [mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 [102]</td>
<td>12 [305]</td>
<td>35 1/2 - 47 1/2</td>
<td>80 1/2 - 92 1/2</td>
</tr>
</tbody>
</table>

---

**Castor Size**

**Height Range**

**Work Surface Height**

**Station Height**
Specifications

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
Attenumont 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-filer
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-filer
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.
Design Your Own AllerGard NU-620

Popular Built-in Options & Accessories
Each vivarium is unique, and workflow processes can differ. Set your laboratory up for success by designing your own NuAire Animal Transfer Station. It can be as simple as adding a shelf or as involved as customizing the height of the work zone. NuAire can do it all. Invest in a product that lasts and is designed for your needs.

- Folding Shelf
- Cage Top Holder
- Hand Sanitizer
- Magnifying Glass
- Feed Hopper
- Bottle Rack
- Base Stand Shelf
- Red Light
NuAire offers a variety of Laboratory Equipment to meet the needs of the research, vivarium, pharmacy, environmental laboratory and more. Join the NuAire family and complete your laboratory with complementary NuAire Quality products.
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.

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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.
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.
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.

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**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.
Dual Side Access - Flexibility

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

Dual Access Configuration

As a dual sided cabinet the AllerGard NU-620 highlights the ergonomic features designed into the cabinet. The mobile design allows multiple technicians to use the cabinet at the same time, or allows for easy access when moving the cabinet through a cage aisle.

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 it to function as a single-access unit.

NU-620-400 Double-Sided Unit
Dual Side Access
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
- Warm-up mode
- Password Protection
- Software updates via USB
- Software / hardware watchdog - automatically reset upon failure to last known status or to blower “ON” to assure containment.

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Proper Ergonomics - Seated or Standing

- Expanded Vision Zone
- Lumbar Support for Lower Back
- Adjustable Seat Height 23”-28”
- Wrist Straight
- Footrest for Proper Posture
- 90° Seat Back Angle
- 90° Knee Angle
- 6” (152 mm) User Knee Space
- 14” (356 mm) Access Opening
- Large Work Area
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.

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Specifications

**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
- Attenumont 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-filer
- 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-filer
- 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.
Design Your Own AllerGard NU-620

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Your Local NuAire Partner

For more information please visit
www.nuaire.com or call 1.763.553.1270

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