NUAIRE

A Kewaunee Company

ENGINEERED FOR VIVARIUMS

ANIMAL RESEARCH SOLUTIONS



PRECISION-ENGINEERED CONTAINMENT AND CLEAN AIRFLOW SYSTEMS TAILORED FOR YOUR VIVARIUM

made in the USA

WORLD-CLASS LABS DESERVE
FIRST-IN-CLASS SOLUTIONS

Empower Your Research with Kewaunee and NuAire.

KEWAUNEE® | NUAIRE

We are thrilled to share that NuAire is now a Kewaunee company. This partnership brings together two of the most renowned names in laboratory furnishings, combining world-class portfolios and nearly two centuries of shared expertise to create a powerhouse of innovation and customer-centered solutions.

Together, Kewaunee and NuAire offer a comprehensive range of laboratory-grade products that cater to the unique needs of diverse scientific spaces. From Kewaunee's nearly 120 years of experience producing superior lab furniture and fume hoods to NuAire's advanced biosafety cabinets and airflow products, we offer tailored solutions that meet the highest standards of quality, safety, and efficiency.

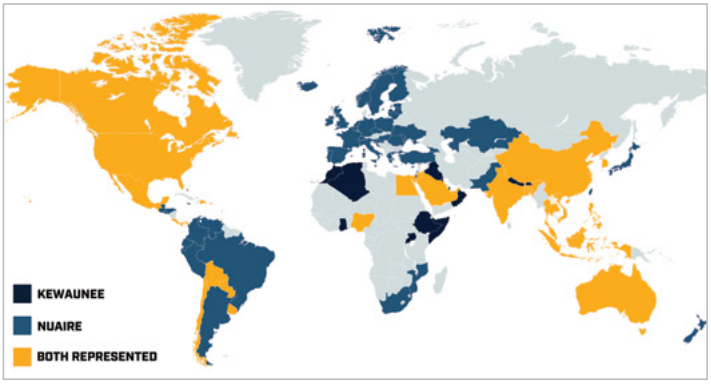
NuAire has over 50 years of experience designing and building airflow equipment and is a leading brand in the biocontainment industry. Founded by Max Peters in the early 1970s, NuAire products serve the needs of many industries including microbiological research, animal research, hospital pharmacy compounding, and more.



Kewaunee Headquarters
& USA Manufacturing Facilities: Statesville, North Carolina



NuAire Headquarters
& Manufacturing Facilities: Plymouth, Minnesota



Sales Partner Network

TOTAL LAB SOLUTIONS

A WORLD CLASS PARTNERSHIP

The partnership of Kewaunee Scientific and NuAire allows us to offer comprehensive laboratory equipment solutions and complete laboratory furniture infrastructure.





- Class II Biological Safety Cabinets
- Laminar Airflow Workstations
- Containment Ventilated Enclosures
- Restricted Access Barrier Systems
- CO_2 Incubators
- Ultra Low Temperature Freezers (via OEM)
- Animal Transfer Stations
- Animal Refuse Workstations
- Custom Lab Automation Enclosures

- Steel casework
- Wood casework
- Fume hoods & ventilated products
- Adaptable modular systems
- Moveable workstations
- Stand-alone benches
- Epoxy resin worksurfaces and sinks

A Leader in Lab Equipment

NuAire contributes the key airflow equipment to protect lab environments, personnel, and processes.



A Leader in Lab Furniture

Kewaunee contributes the key furnishings to create productive laboratory environments for science.



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A PORTFOLIO OF EQUIPMENT

TAILORED FOR VIVARIUM WORKFLOWS





YOUR CHOICES FROM NUAIRE

EQUIPMENT FOR EACH KEY APPLICATION

NuAire's portfolio of airflow equipment provides the protection required by many processes used in animal research, including protection for the technician, animal, and vivarium environment during animal transfers, cage changes, or other procedures. Choose one of our models below or contact us to create a bespoke solution just for your workflow.

Application & Model	Equipment Type	Protection
Waste Disposal		
NU-608	Animal Refuse Workstation	Technicians & the Environment
Animal Pass Through		
NU-610	Biosafety Cabinet	Technicians, Animals, & the Environment
Routine Cage Changing		
NU-622	Animal Transfer Station	Animals, & Technicians from Allergens Only
NU-623	Animal Transfer Station	Animals, & Technicians from Allergens Only
Bio contained Cage Changing & Procedures		
NU-640	Biosafety Cabinet	Technicians, Animals, & the Environment
NU-677	Biosafety Cabinet	Technicians, Animals, & the Environment
YOUR Unique, Specialized Workflow		
NU-LXXX	Custom Equipment	Dependent on Workflow Needs

NOTE: Airflow equipment for the vivarium should be chosen based upon a risk assessment of required protection. Need a quick primer? Scan to read a white paper on this topic:

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LABGARD NU-608
ANIMAL REFUSE WORKSTATION

The NU-608 Animal Refuse Workstation provides vivarium technicians with the protection they need while cage dumping in a durable and mobile design.

Personnel and Environmental Protection
Protect your technician and vivarium by containing the airborne hazards created when dumping cages.

Powerful 105 FPM (0.53 m/s) **Inflow for Containment**
Contain airborne hazards at the front access opening as the technician reaches in to dump cages.

HEPA and Charcoal Exhaust Filtration
Remove not only potentially dangerous airborne particulates but also odors from the air that the dump station exhausts at the top.

Stainless Steel Work Zone
Easily clean the dump station and use it for years.

Castors for Mobility
Easily re-install the dump station where needed in the vivarium.

Metallic Construction
A vivarium is not the place for fragile equipment. Use this rugged dump station for years thanks to its durable metal construction.

Scan for more information



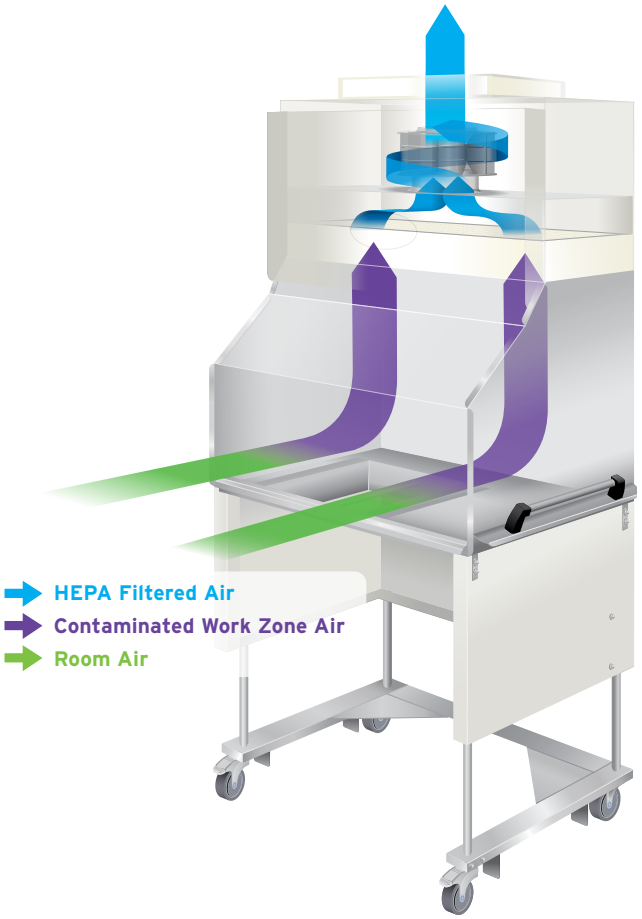
PERSONNEL PROTECTION
FOR DUMPING ANIMAL CAGES

The NU-608 draws powerful airflow through a tall access opening, to protect technicians without obstructing their work and then filters the exhaust.

14-inch (356 mm) **Hinged Access Opening**

The metal work zone is easily reached for cleaning and maintenance purposes when not in use.





Easy Bag Change Procedure

The waste chute is designed to secure the bag without requiring any special tools.



Metallic Bang Bar

Loosen the waste stuck inside mouse or rat cages with a bang bar placed over the waste chute.



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LABGARD NU-610
CUSTOM PASS-THROUGH BSC

The custom NU-610 Pass-Through Biosafety Cabinet allows vivariums to pass small animals from one space to another through a tailor-made Class II cabinet.



Animal research facilities may require the ability to safely pass small animals from one space to another. A custom pass-through can be built to a customer-specified size and integrated with a wall to provide Class II airflow during the transfer. The NU-610 can even be configured with a canopy to connect to an external exhaust if needed. Customizable pass-throughs can be the right solution when fitting into existing or newly built vivariums.

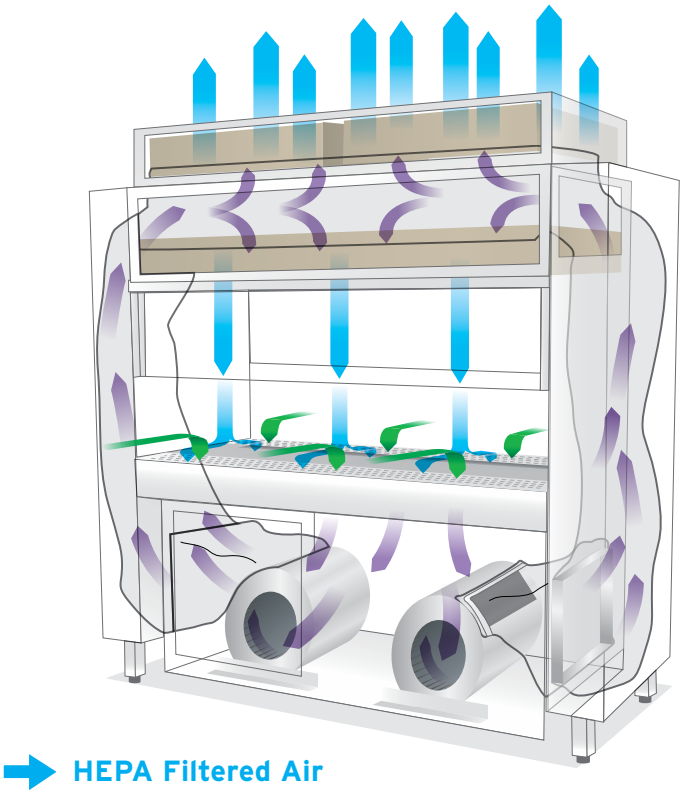
Scan for more information

Two Blower Motors
Dual motors underneath the work surface power inflow and downflow.

Dual, 12-inch Hinged Access Openings
Taller openings allow easy movement of cages during the transfer process.

Metallic Construction
Robust metallic construction provides for long term durability in the vivarium

Many Configurable Options
Outlets, service valves, or even a closure panel to connect the BSC to the vivarium wall are available upon request.



HEPA Filtered Air
Contaminated Work Zone Air
Room Air

INTEGRATED PROTECTION

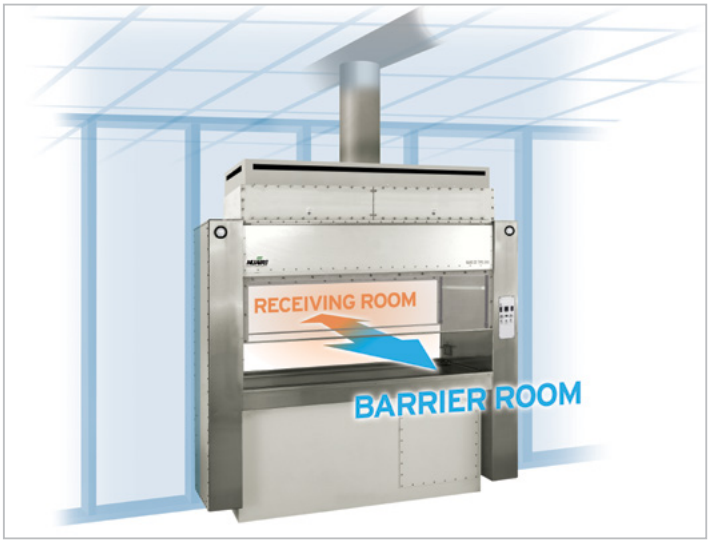
SIZED FOR A SPECIFIC FACILITY

The bespoke design can be sized as needed so it fits into a wall within a new or renovated animal research facility, minimizing potential integration challenges.



The NU-610 adapts to each vivarium's use case
Not only the size itself but also the manner of installation can be tailored to each facility. For example, closure panels for better aesthetics or connection to external exhaust for safety requirements can be arranged to meet customer needs.



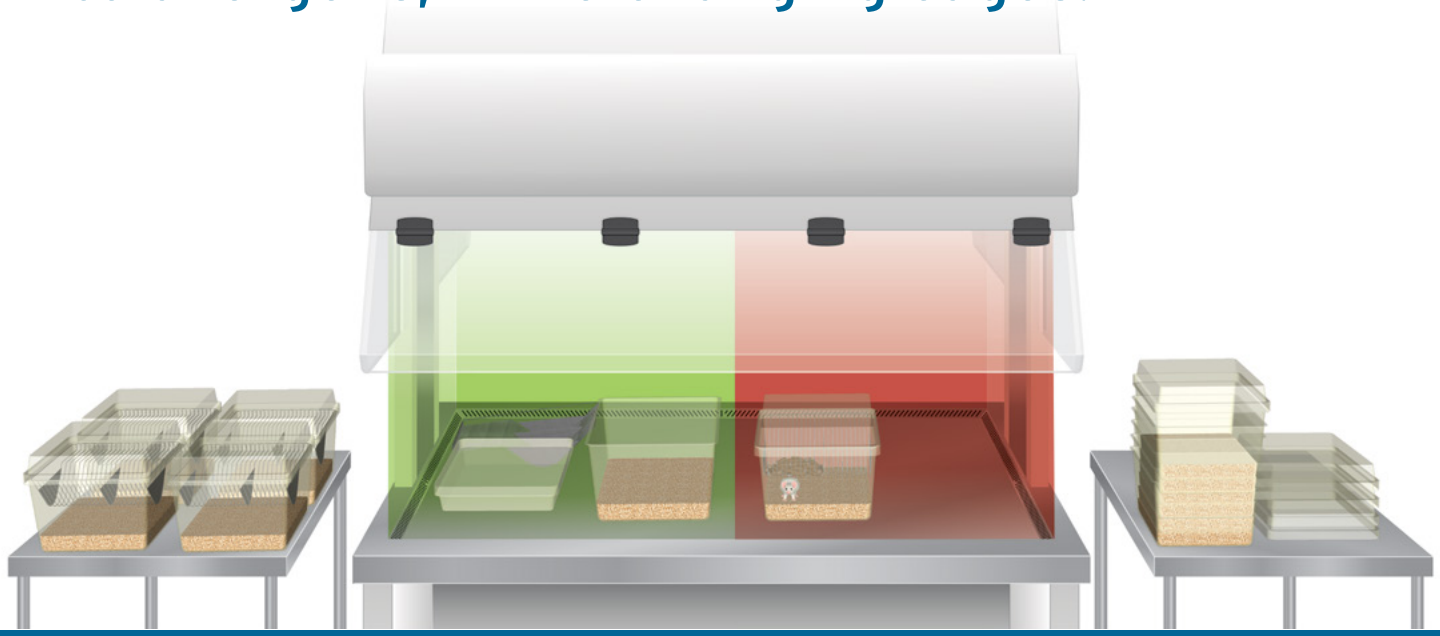


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ROUTINE CAGE CHANGING

PROTECT TRANSFERRED ANIMALS

One must manage the risk of exposing the animal to contaminated air, or the technician to allergens, while changing cages.



YOUR CHOICE FROM NUAIRE

1 & 2-SIDED ANIMAL TRANSFER STATIONS

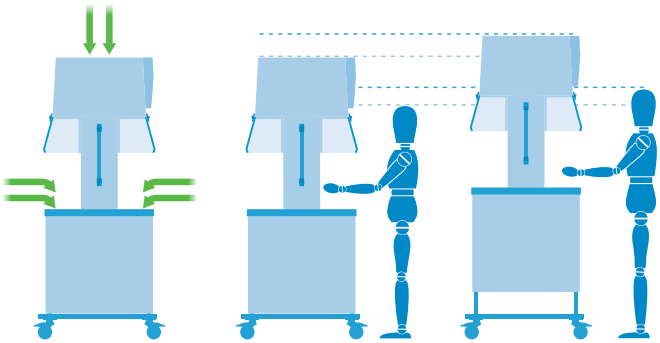
NU-622 Animal Transfer Station

Prioritizes Access & Flexibility

Dual-Sided, 16-inch Access

60 FPM (0.30 m/s) Downflow

Motorized Height Adjustability



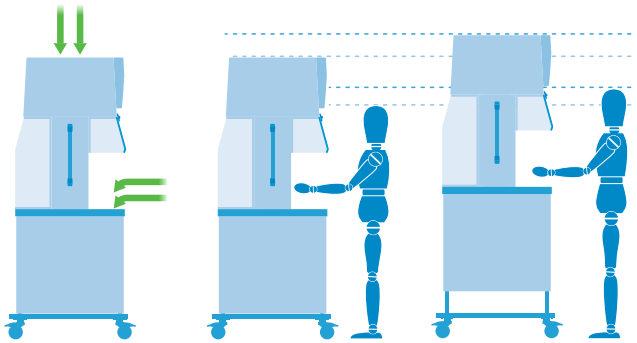
NU-623 Animal Transfer Station

Prioritizes Allergen Protection

Single-Sided, 16-inch Access

60 FPM (0.30 m/s) Downflow

Motorized Height Adjustability



NOTE: Animal Transfer Stations are not biosafety cabinets and should not be used for biohazardous workflows. Not sure which one to use? Scan to read a white paper about some key differences.

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ALLERGARD NU-622
ACCESS & FLEXIBILITY

The AllerGard NU-622 Dual-Sided Animal Transfer Station provides research animals with powerful airflow protection in a design that is compact, accessible, and agile.



Small Size
The minimum height of **77.625"** (1972 mm) allows the station to fit in vivariums with low ceilings.

Light Weight
The weight ranges from **340-440 lbs** (154-200 kg) depending on width, making it easy to move on castors.

Mobile and Versatile
Light weight and adjustable height allow for easy movement and improved ergonomics.

Accessibility
The work access opening is **16"** (406 mm), allowing one to easily move mouse or rat cages in and out.

Airflow Protection
The supply impeller and exhaust blower create powerful top-to-bottom HEPA-filtered airflow.

Robust Construction
Metallic construction to withstand the rigors of demanding, on-going work in vivariums for years.

Note: The AllerGard Animal Transfer Station is not intended for use with biohazards and is not a replacement for a biosafety cabinet. Shown with optional folding shelf.

Scan for more information





ALLERGARD NU-623

ALLERGEN PROTECTION

The AllerGard NU-623 Single-Sided Animal Transfer Station concentrates airflow through one open side in order to enhance technician protection from allergens.



Enhanced Allergen Containment

The NU-623 provides the same robust, HEPA-filtered down-flow to the work zone that NuAire's popular dual-sided model provides but closes the back of the unit to create a stronger inflow through the front access opening that enhances allergen containment. This alternative model is ideal for vivariums prioritizing the protection of their staff while continuing to create a clean air work zone for animals.

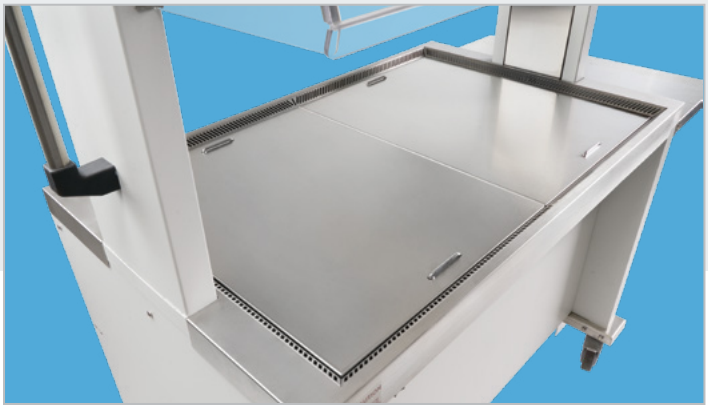
Note: The AllerGard Animal Transfer Station is not intended for use with biohazards and is not a replacement for a biosafety cabinet.

Scan for more information

ALLERGARD

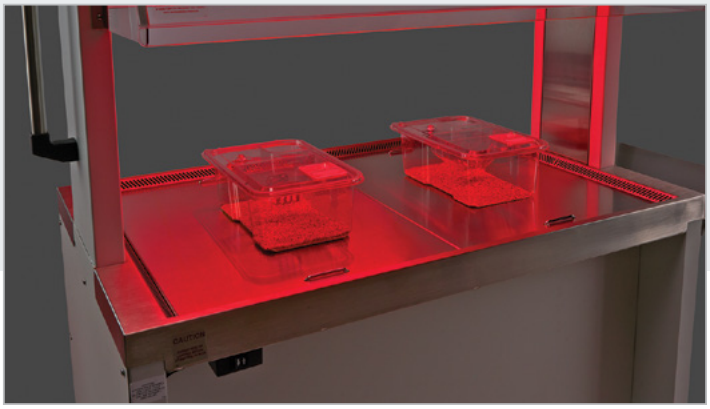
Easy to Clean

The work surface is segmented, allowing halves to be lifted individually for cleaning.



Red Light

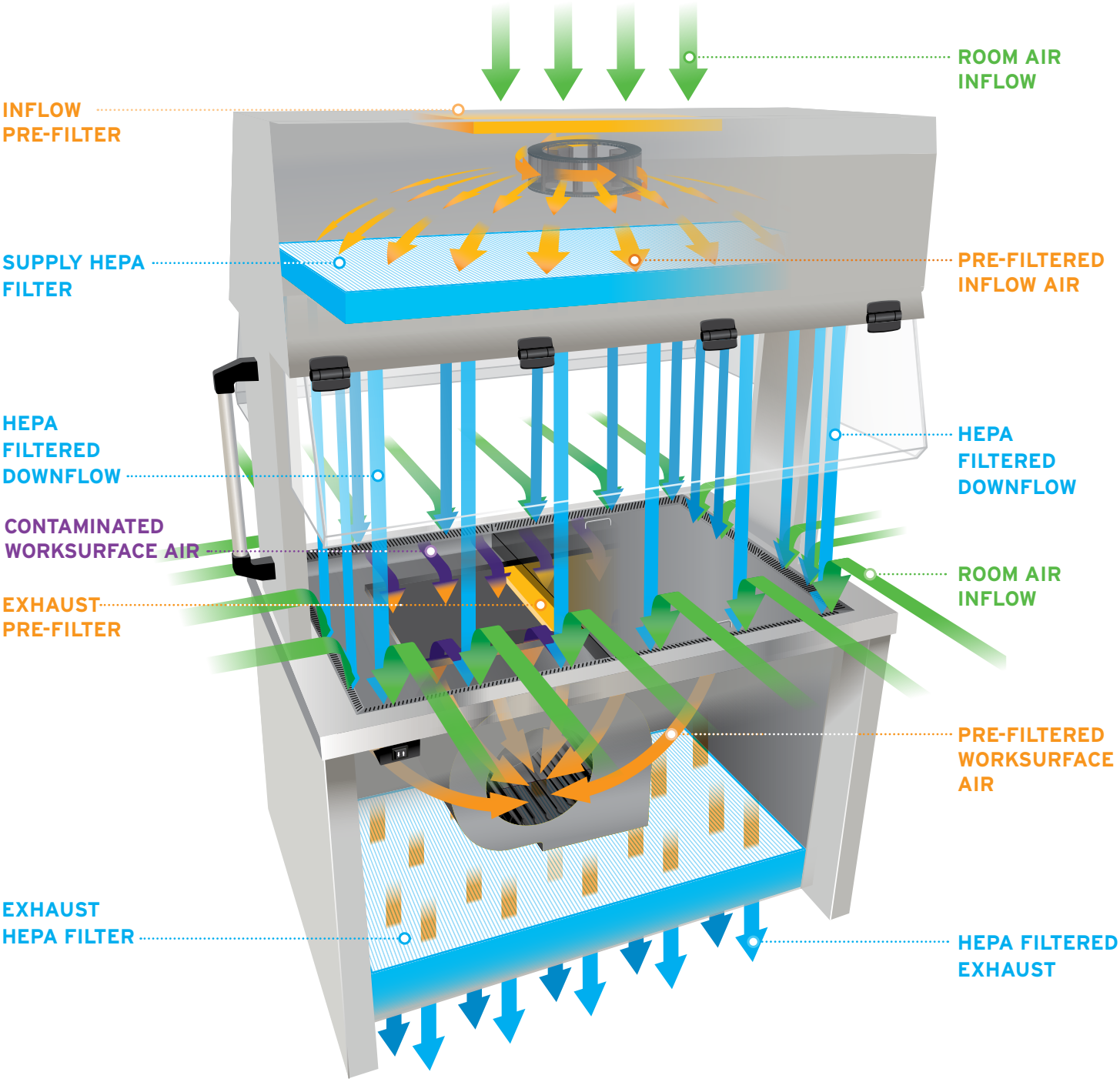
The optional red light helps to minimize disturbing the sleep of other animals in the vicinity while performing cage changing.



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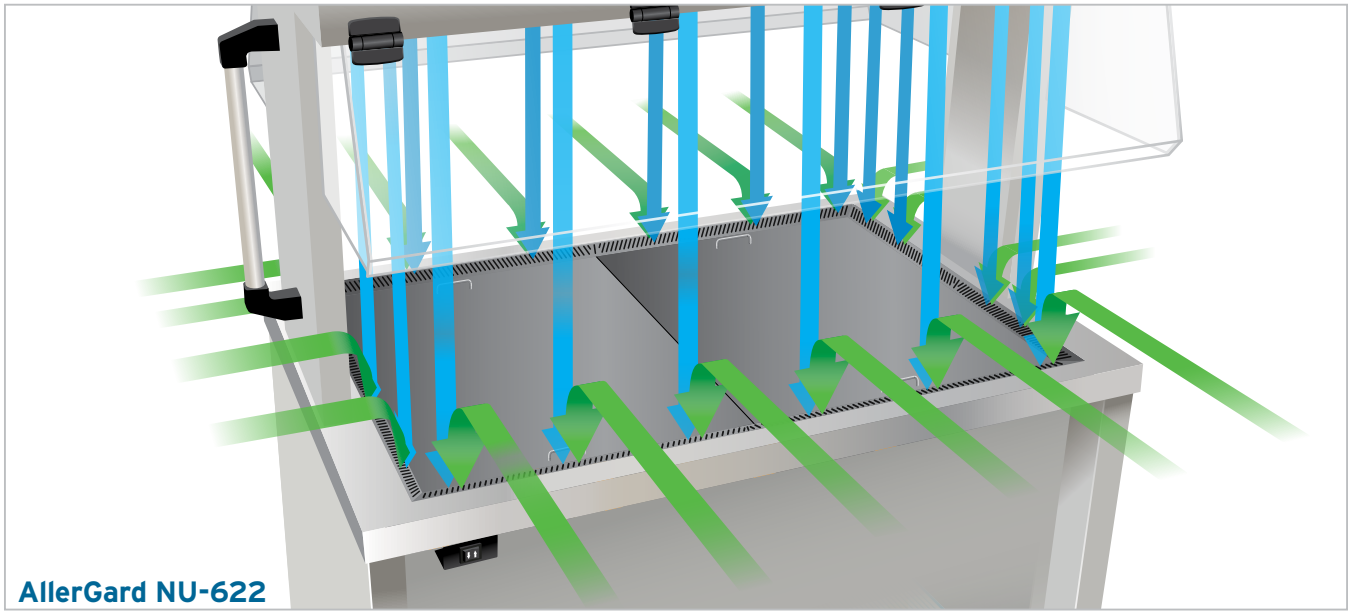
PUSH-PULL AIRFLOW
TOP TO BOTTOM PROTECTION

The supply impeller above the work zone and a powerful DC ECM motor below it work together to create a robust air curtain to protect animals during cage changing.



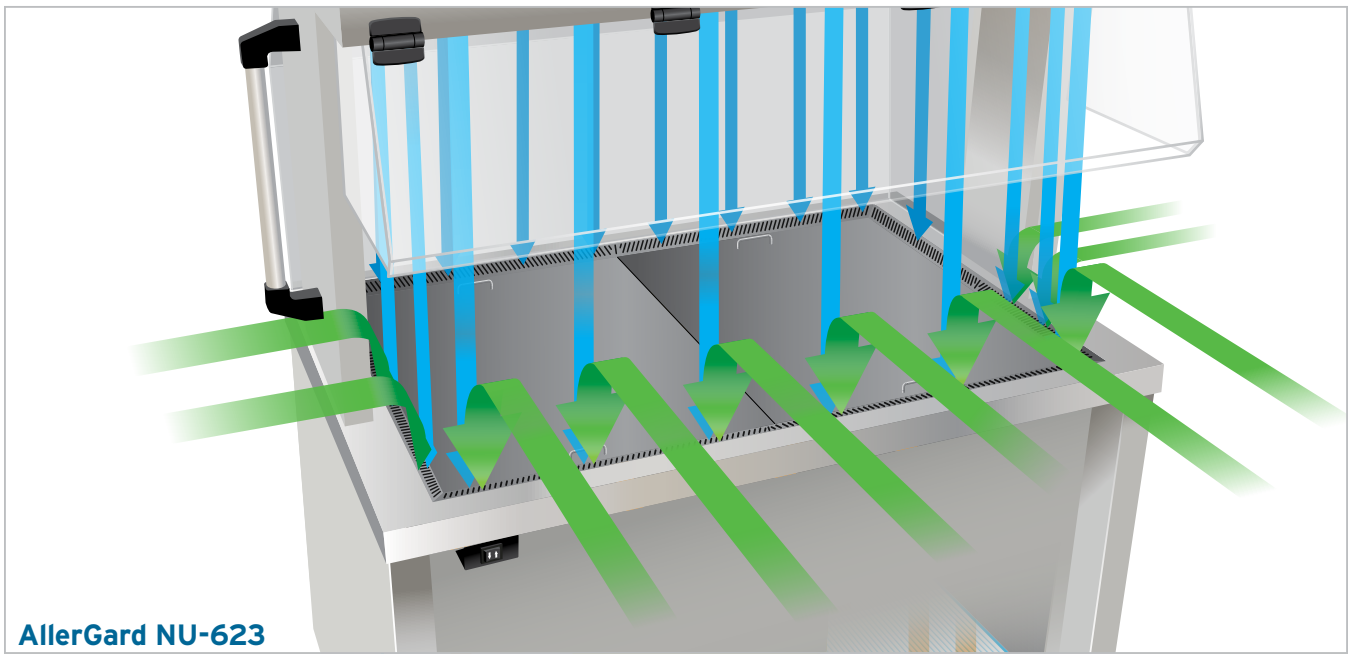
ALLERGARD
DUAL & SINGLE-SIDED MODELS

The choice of dual or single-sided models allows vivariums to choose the design that fits their priorities, whether they are most concerned with user accessibility or allergen containment.



AllerGard NU-622

A dual-sided design is accessible through both openings to prioritize giving users maximum flexibility in the vivarium.



AllerGard NU-623

A single-sided design, however, instead concentrates airflow through one opening to prioritize user protection from allergens.

Note: Animal Transfer Stations are not intended for use with biohazards and are not a replacement for a biosafety cabinet.

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ALLERGARD
INNOVIVE® EDITION STATION

A transfer station configured around the Innovive® cage changing workflow to create the perfect complement for this brand, right down to the color.

INNOVIVE® EDITION
Animal Transfer Station

Innovive® created a unique disposable caging system that requires specific steps when transferring small animals.



INNOCAGE®



AQUAVIVE® MOUSE

Optimizing this workflow means holding every piece of material exactly where it needs to be in the work zone for the technician to reach it at the right time. NuAire tailor-made a special edition of its animal transfer station that achieves exactly that through a work zone that holds cages, feed hoppers, and bottles for easy access.

Note: Images and illustrations are for conceptual purposes only. The exact design is subject to change without notice and may vary from that shown. Please contact NuAire for details of the most current Innovive® edition.







ALLERGARD
WORKFLOW-DRIVEN DESIGN

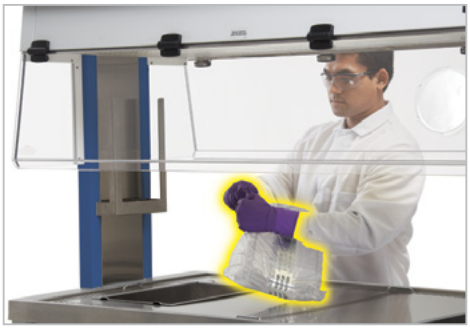
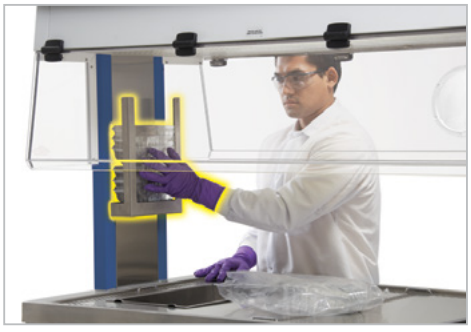
The work zone of the animal transfer station is configured and arranged to place the materials for the process in their optimal locations for work.



A Work *Zone* Tailored for the Work *Flow*.
The steps of the Innovive® cage changing procedure are comfortable and efficient when the user performs them inside a work zone that efficiently organizes the items within its space while positioning them to be easily accessed.





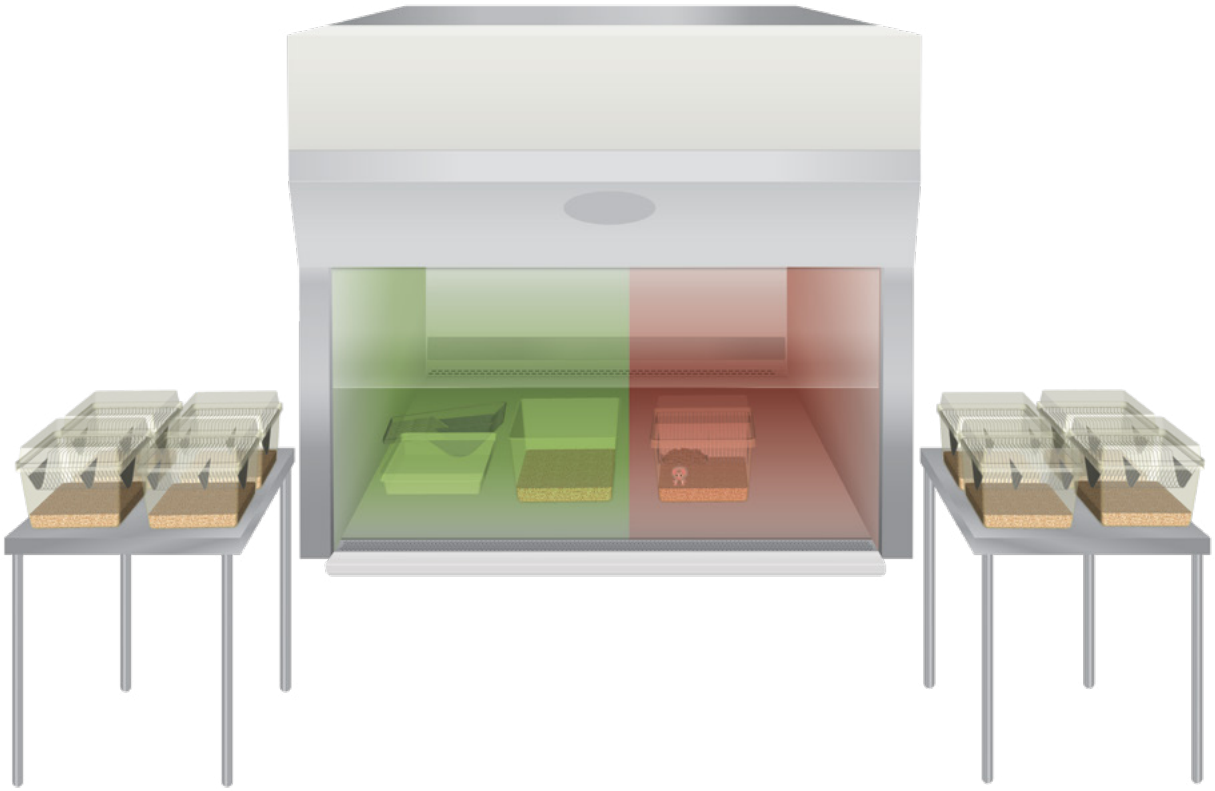



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BIO CONTAINED WORKFLOWS

CONTAIN TRANSFERS OR PROCEDURES

One must use biocontainment equipment when changing cages for infected animals or using other biohazardous procedures.



YOUR CHOICES FROM NUAIRE

CLASS II TYPE A2 BIOSAFETY CABINETS

NU-640 Console Style BSC

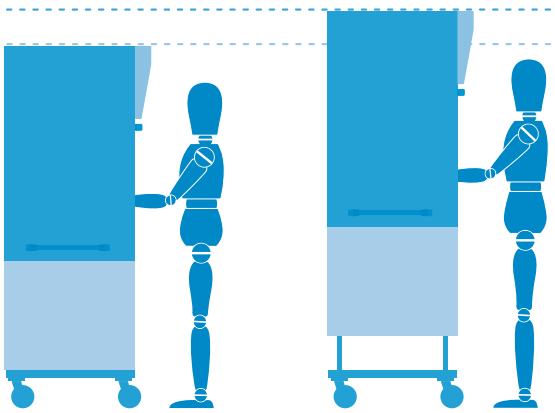
Prioritizes Compact, Low Profile

14" Access to Stand to Work

Fits in Rooms with 8-foot Ceiling

Vertical, Hinged Front Window

Motorized Height Adjustability



NU-677 Benchtop Style BSC

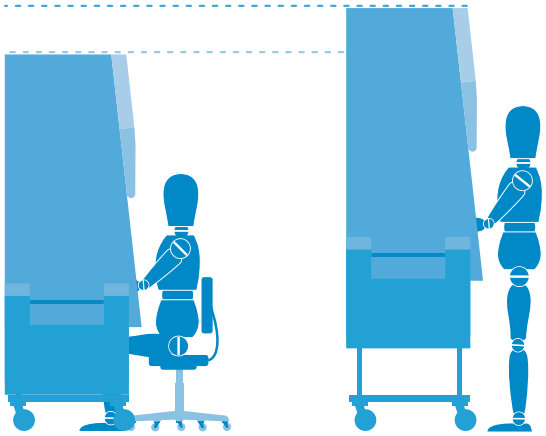
Prioritizes Adaptable Comfort

12" Access to Sit or Stand to Work

Requires More Ceiling Height

Sloped, Sliding Front Window

Motorized Height Adjustability



NOTE: Biosafety cabinets provide protection that goes beyond what is offered by an Animal Transfer Station. Not sure which one to use? Scan to read a white paper about some key differences.

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LABGARD NU-640

SMALL ANIMAL HANDLING BSC

The LabGard NU-640 Animal Handling Biosafety Cabinet offers a 14-inch (356 mm) access opening in a low-profile, height-adjustable, durable, mobile design.



17.75" (451 mm) Overhead Clearance
Minimum Required Clearance is 6" (152.4 mm)

78.25" (1988 mm) Overall Height

14" (356 mm) Access Opening
Eases work with rat cages.



Scan for more information



Pre-Filter
Below the work surface to catch hair and dander.

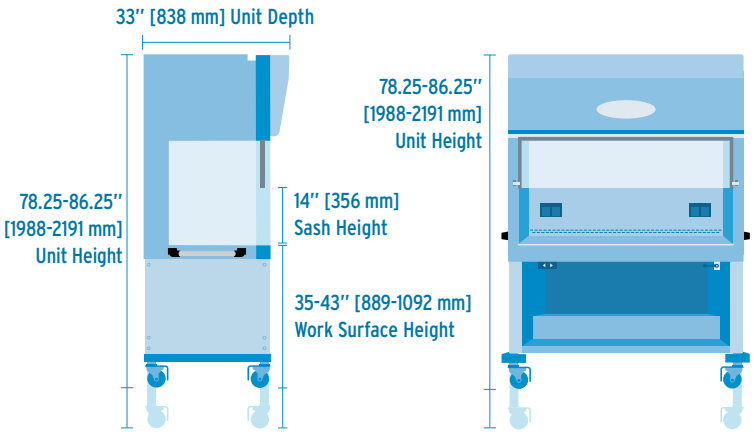
LOW PROFILE DESIGN
FOR BIG CAGES & LOW CEILINGS

The LabGard NU-640 achieves its low-profile in a console design whose motor is located at the bottom of the unit, below the work surface.

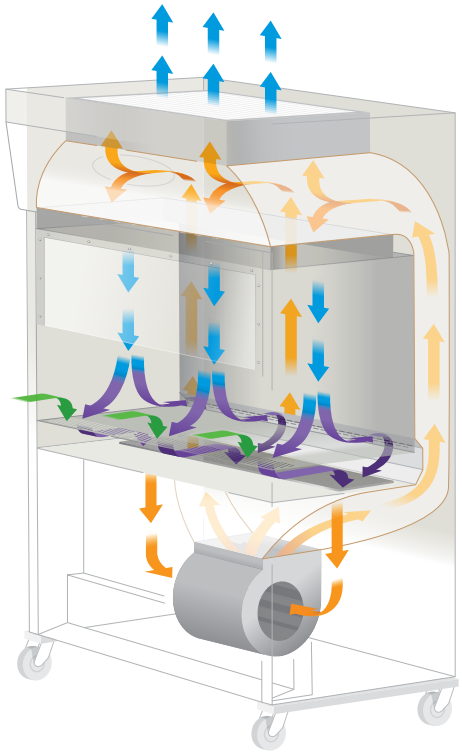


The NU-640 offers the core protection required from a Class II Type A2 animal handling biosafety cabinet as well as the mobility and ergonomics needed in a vivarium, but places some key components below the work surface to create the lower overall profile some labs require.

Hinged Window
Allows for easy access for surface cleaning.



Motorized Height Adjustability
Even with its shorter profile, the NU-640 still allows each user to adjust the work surface height for their ergonomic needs.



HEPA Filtered Air
Contaminated Work Zone Air
Room Air
Pre-Filtered Air

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LABGARD NU-677
SMALL ANIMAL HANDLING BSC

The LabGard NU-677 offers biological containment for animal research in a design that includes the ergonomic access, mobility and durability vivariums need.

Ultra High Efficiency DC ECM Motor
Compensates filter loading to minimize filter changes

Aeromax Control System
Displays green, yellow or red for BSC performance



12-inch (305 mm) **Work Access Opening**
Allows for easy cage introduction and manipulation

Steel Construction
Metallic construction is both cleanable and durable

Adjustable Height Base Stand
The work surface can be set between 24½ and 43 inches (622 – 1092 mm)

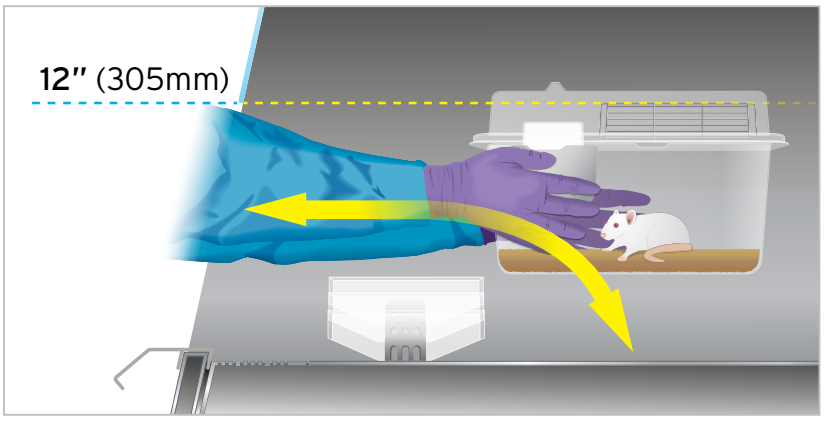
Castors
Allow for easy mobility in the vivarium



Scan for more information

VERSATILE ERGONOMICS
ADAPTS TO EACH USER PROFILE

The motorized height adjustability allows users of diverse heights to comfortably use the cabinet whether they prefer to work while standing or while sitting.



Containment Designed for Animal Handling

The LabGard NU-677 Biosafety Cabinet provides the vivarium with containment adapted to an animal handling workflow by providing an NSF-listed 12-inch access opening for rodent cages.

Standard and Custom Features Specifically for Vivariums

Your cage changing or other procedures should not be forced to fit inside a biosafety cabinet but rather the biosafety cabinet should be configured to fit around your process. Our standard features and available customizations enable us to adapt our biosafety cabinet to almost any small animal handling workflow that your vivarium may require.



12" NSF Listed Work Access



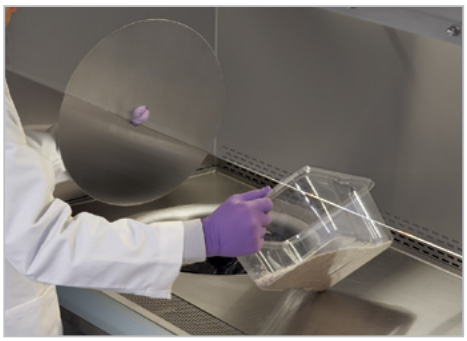
Back Wall Prefilter



Prop-Up Work Surface



Deep Wells for Cage Stacking
(Custom)



Waste Chute
(Custom)



Feed Hopper
(Custom)

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ABOUT NUAIRE

Since 1971, NuAire has been committed to bringing the highest-quality, most dependable laboratory products to the market. We are universally recognized as one of the world's leading providers of reliable equipment for the most demanding environments.

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