



ALLERGARD 612 / 617

ALLERGARD 612 DUAL ACCESS SMALL ANIMAL CAGE CHANGING STATION



NU-612 Vertical Laminar Flow Cage Changing Station

The NU-612 and NU-617 both offer Class 100 sterility and protection for your valuable research animals. These products also protect personnel from allergen shed by the animals and bedding materials. These workstations improve productivity while offering personnel exceptional Comfort and Convenience through these many unique design features:

- Electric Auto-Lift to adjust work surface height at the touch of a button.
- Wide 14" Access Opening on ALL SIDES of the station handles most standard mouse and rat cages and a wide variety of equipment.
- Extra LARGE work area improves productivity and comfort.
- Exceptional laminar airflow in one direction - no recirculation and thereby no heat build up in the work area. Over 25 work zone air changes per minute dilutes the work zone with clean air while not harming the animals.



The all stainless steel air plenum located under the work surface features 100% welded crevice-free corners and seams that prevent particulate matter from becoming trapped, and allow for easy cleaning.



The interior cross grill pattern divides the work surface into quadrants for improved cross-contamination protection from cage to cage.



Interior duplex outlet



- Superb lighting from the top of the workstation provides excellent visibility of the cages.
- Flat easy to clean Work Surface can be propped up with a holding rod and cleaned in place, or removed for sterilization in an autoclave.
- Pre-filter system is easy to access underneath the work surface. The system's four stage pre-filtration system over the exhaust HEPA ensures longer filter life.
- Plenum under the work tray of welded and polished stainless steel is very easy to wipe down to maintain cleanliness.

Whether you chose the Stand-up NU-612 or the Sit-down NU-617 with spacious knee room, either ALLERGARD system will provide exceptional animal and personnel protection during the sensitive handling of small animals during the cage changing process.



NU-617 Vertical Laminar Flow Cage Changing / Procedure Cabinet



Wide 14" Access Opening on ALL SIDES of the station handles most standard mouse and rat cages and a variety of equipment.



A four stage pre-filtration system over the exhaust HEPA filter ensures longer filter life. The system consists of: **1**] wire mesh; **2**] fine open-cell pre-filter; **3**] rough washable pre-filter; and, **4**] fine nylon mesh to secure the pre-filters in place. The entire pre-filtration system is protected by a large stainless steel cover.



The waste disposal chute aids personnel in the removal of a large quantity of debris.

MOBILITY IN THE ANIMAL RESOURCE FACILITY

The NU-612 / 617 can be lowered with the electric auto-lift and moved from room to room through standard doors and hallways. From an overall height of 88", the cabinet can be lowered to 80" for transport. Work surface height is also adjustable from 33" to 41". These ranges can be adjusted in increments to meet the specific needs of any user. With worksurface heights of 35" to 43" (82" to 90" overall) and 31.5" to 39.5" (78.5" to 86.5" overall).

Other features which improve mobility:

- 6" diameter stainless steel casters with brake
- Two push/pull bars on each end
- 30' retractable power cord with standard 15 amp plug



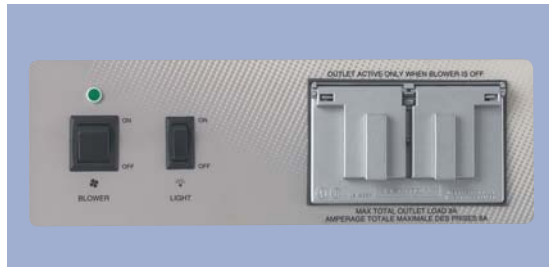
Work surface height is adjustable from 33" (83.8 cm) to 41" (104.1 cm)



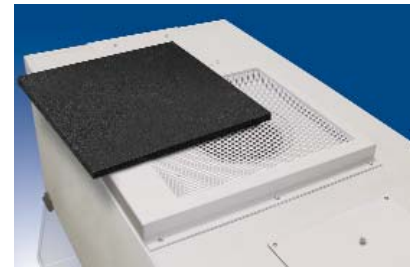
Stainless Steel Casters



Retractable Power Cord

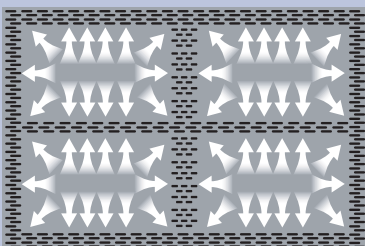


Control Panel

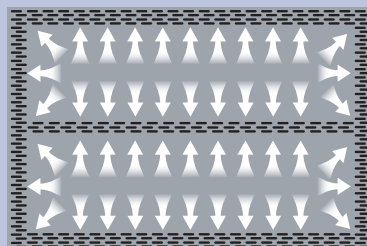


Washable Top Pre-filter

Work Surface Isolation Zones



[A] NU-612

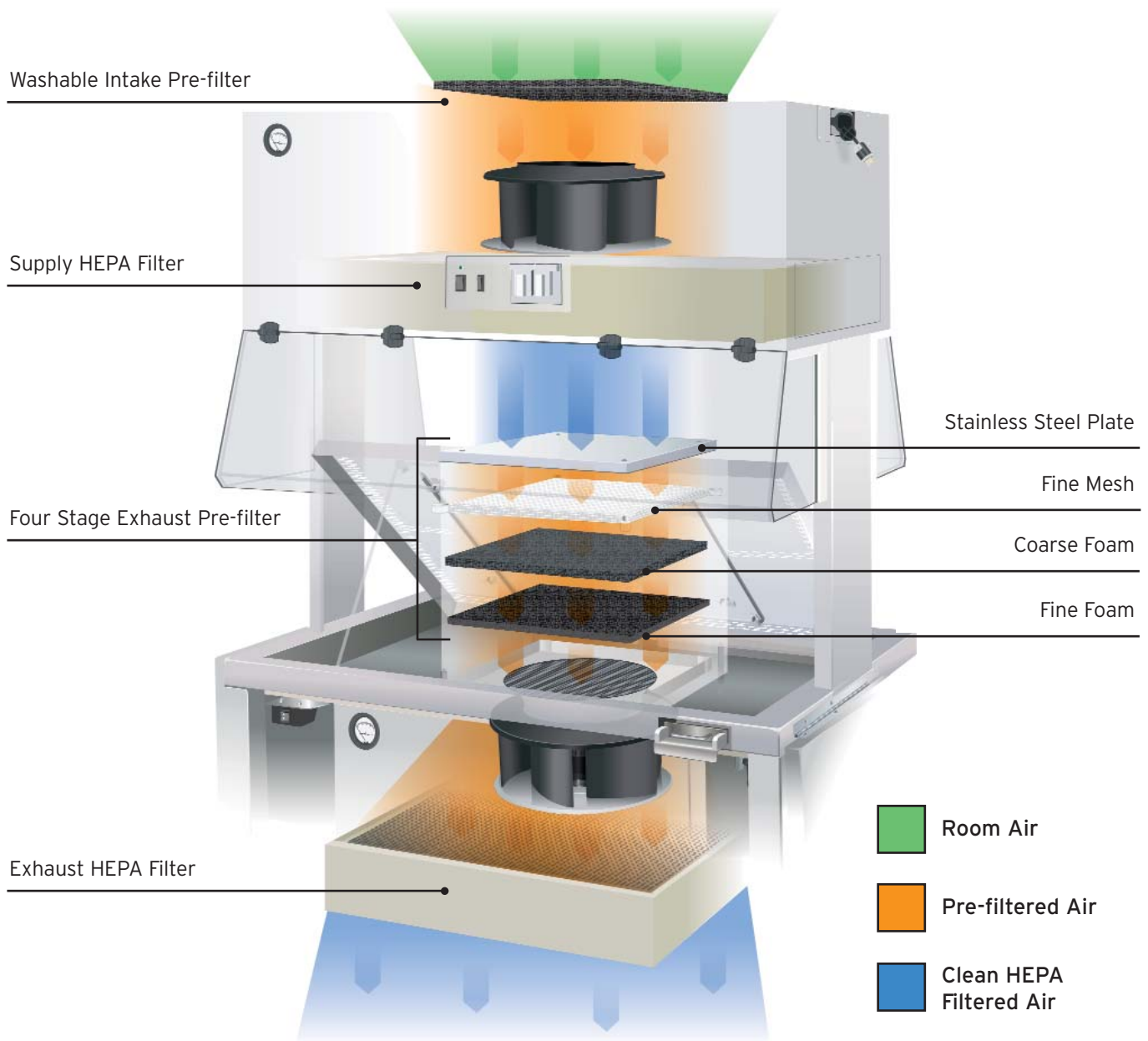


[B] NU-617

[A] The work surface of the NU-612 is divided into 4 isolation zones by a cross grill pattern of perforated vacuum slots which are placed down the center and around the outer edges of the work surface. The supply HEPA filter pushes sterile air onto the work surface, and a second blower underneath the work surface draws air through the vacuum slots at a slightly stronger velocity. This airflow creates an air barrier around the workstation, and around each of the 4 zones created by the vacuum slots (see **[A]** at left).

[B] Both the HEPA Filter and blower operations of the NU-617 are identical to those of the the NU-612 but the work surface of the NU-617 is divided into 2 large isolation zones by a linear pattern of perforated vacuum slots. The two large isolation zones allow one seated or standing user more work space (see **[B]** at left).





Exceptional Laminar Flow Protection

The Unique Work Surface Cross Grill Pattern allows contamination from animals and cages to flow through the vacuum slots on the work tray. In the cross grill pattern of the work surface, perforated slots are strategically placed down the center and around the outer edge of the work surface. As the supply HEPA filter pushes sterile air in a laminar flow fashion onto the work surface, a second blower underneath the work surface draws air through the vacuum slots at a slightly stronger velocity. This airflow creates an air barrier around the workstation while offering exceptional sterility and protection for the research animal. Users are protected

from allergen shed by animals and bedding materials that are effectively retained in the exhaust HEPA filter.

Applications

The NU-612 / 617 Vertical Cage Changing Station is ideal for Animal Cage Changing, Manipulations and Procedures where Class 100 sterility of animals is required and allergen control is needed. NuAire offers other specialized Class II Biological Safety Cabinets for the safe handling of animals and materials where the status of the animal is unknown or where bio-hazard containment may be required.

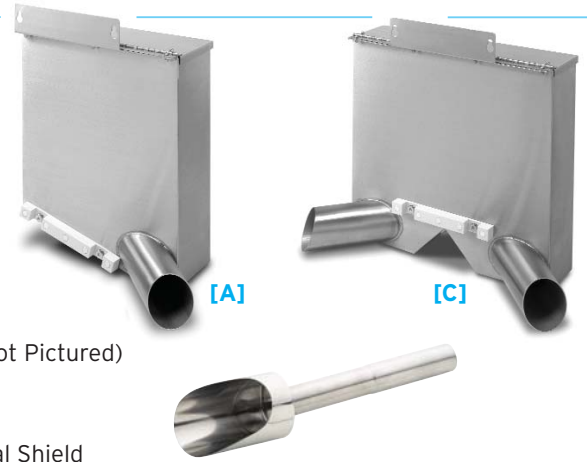
Stainless Steel Feed Hopper



Attaches to either side of cabinet
Can accommodate 30 pounds of feed
All Models Include stainless steel scoop

- [A]** NU-995-01 Single Chute, Right Side
- [B]** NU-995-02 Single Chute, Left Side (Not Pictured)
- [C]** NU-995-03 Dual Chute*

* Can not be used with the M374 Small Animal Shield



Work Surface Small Animal Shield

One Side Clear Lexan® Closure Panel
Converts Cage Changing Station into a Workstation

Folds for easy storage on back of workstation
Attaches with magnetic latches

- [D]** M374 Work Surface Small Animal Shield



Cage Top Rack



Removable for easy cleaning
All stainless steel construction



- [E]** M367 Cage Top Rack

Fixed Stainless Steel Shelf



14" x 30" surface area
Fits right or left side of unit
250 pound maximum capacity

[F] **M373** Stainless Steel Shelf



Stainless Steel Folding Shelf



14" x 30" surface area
Folds flat against unit
Available for right side of unit only
50 pound maximum capacity

[G] **M366** Stainless Steel Folding Shelf

Other Options Available

Bottom-mount Retractable Power Cord
Interior Duplex Outlet
Ground Fault Interrupter
Pleated Disposable Exhaust Prefilter

Different Work Surface Heights:

Standard: 33" to 41"
Option 1: 30 ¹/₂" to 38 ¹/₂"
Option 2: 35 ¹/₂" to 43 ¹/₂"

Overall Heights:

Standard: 80" to 88"
Option 1: 78 ¹/₂" to 86 ¹/₂"
Option 2: 82" to 90"

Specifications and Dimensions

Performance

Better than class 100 in work zone with improved allergen protection

Electrical

Model NU-612-400 / 500
NU-617-400 / 500

115 VAC, 60 Hz, Single Phase

Model NU-612-400E / 500E

230 VAC, 50 Hz, Single Phase

Note: 230 VAC models have a 10 ft. fixed power cord.

Dimensions:

Model NU-612-400 (115 VAC)
Model NU-612-400E (230 VAC)

Overall:

48¹/₄" wide x 30¹/₄" deep x 80" to 88" high

Work Area:

42⁵/₈" wide x 26⁵/₈" deep x 27" high

Work Surface:

42⁵/₈" wide x 26⁵/₈" depth

Model NU-612-500 (115 VAC)
Model NU-612-500E (230 VAC)

Overall:

60¹/₄" wide x 30¹/₄" deep x 80" to 88" high

Work Area:

54⁵/₈" wide x 26⁵/₈" deep x 27" high

Work Surface:

54⁵/₈" wide x 26⁵/₈" depth

Model NU-617-400 (115 VAC)
Model NU-617-400E (230 VAC)

Overall:

48¹/₄" wide x 30¹/₄" deep x 80" to 88" high

Work Area:

42⁵/₈" wide x 26⁵/₈" deep x 27" high

Work Surface:

42⁵/₈" wide x 26⁵/₈" depth

Model NU-617-500 (115 VAC)
Model NU-617-500E (230 VAC)

Overall:

60¹/₄" wide x 30¹/₄" deep x 80" to 88" high

Work Area:

54⁵/₈" wide x 26⁵/₈" deep x 27" high

Work Surface:

54⁵/₈" wide x 26⁵/₈" depth

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