



**LABGARD 602** **ES**  
energy saver

LABGARD NU-602 CLASS II TYPE A2  
ANIMAL HANDLING BIOLOGICAL SAFETY CABINET



The LabGard NU-602 Class II Type A2 Biological Safety Cabinet/Cage Changing Station provides personnel, product, and environmental protection for sensitive animal handling and cage changing procedures. Built to withstand the rigors of use in an animal facility, the NU-602 is both mobile and height adjustable with the following key features:

#### Safety

- Greater visibility and reach through a large 12" access opening along with Class II Type A2 biohazard containment through a 105 FPM air barrier across the front access opening (optional 13.5" access/105 FPM air barrier to accommodate taller rat cages).
- Uni-directional laminar airflow minimizes air turbulence or cross contamination between animals.
- All contaminated ducts, plenums, and gaskets are under negative pressure or surrounded by negative pressure to eliminate the possibility of cabinet or gasket leaks and to guard against HEPA failure.

#### Ergonomic Auto-Lift

- Electronically adjustable work surface height from 31" to 38" (42" with optional 4" base risers) accommodates the ergonomic needs of multiple users who may be sitting or standing.
- As a console-style cabinet with the motor/blower located in the base, the low profile of the NU-602 is ideal for animal holding rooms with low ceilings and doorways.



**ESSENTIALS Control System** includes a Miniheric® pressure gauge, motor voltage regulator, main and outlet power circuit breakers, and power switches for fluorescent lights and/or ultraviolet lights, interior outlets, and blower motor.



**NU-602** - Model shown with decorative front panel, refuse disposal, and dirty cage collection options.

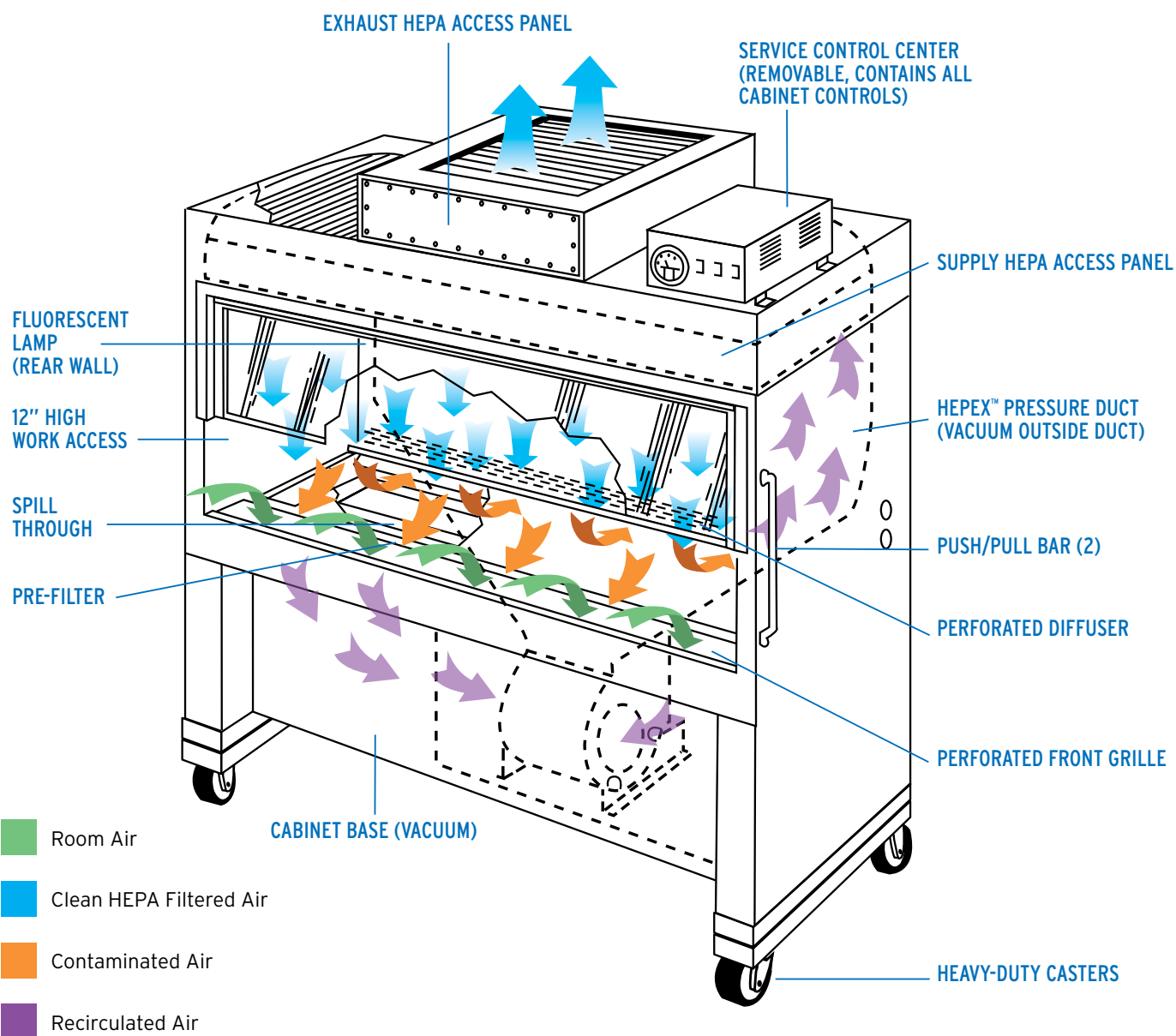
#### HEPA Filtration

- High Efficiency Particulate Air (HEPA) filtration is 99.99% efficient on removal of particulates for supply (re-circulated) and exhausted air.
- High-capacity blower protects filter and extends filter life by providing a minimum 150% increase in static pressure across the HEPA filter.
- Adjustable internal damper and motor speed control further extend HEPA filter life.
- Pre-filters capture bedding, hair and dander and are easy to access for cleaning underneath the prop up work tray. **[A]**



# LABCARD 602

## Airflow





### 3 Configurations Available



#### 1 Dirty Cage Collection Option

- Pass-through feature allows operator to place dirty cages from cage-changing procedure through a door in side wall and into a biohazard bag for transport to autoclave.
- The pass-through door is completely removable for cleaning and can accommodate both mouse and rat cages. Class II biohazard containment is maintained through the cage collection process.
- Available on all sizes.

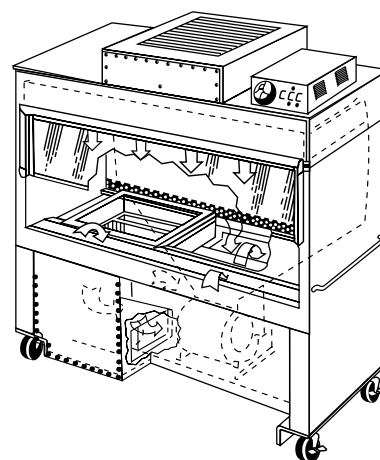


#### 2 Refuse Disposal Option

- Convenient system located below work surface allows user to dispose of animal bedding and waste under Class II containment conditions.
- Double bag disposal system includes outer bag fastened to underside of plenum with metal ring; inner bag fits snugly to work tray to hold refuse. Waste is collected in a 22 gallon can that sits on a platform with castors.
- Available on six-foot models only.



**NU-602** - Model shown with decorative front panel, refuse disposal, and dirty cage collection options.



#### 3 Sterile Cage Delivery Option

- Autoclaved, sterile cages are placed in the sterile cage delivery system where wraps are removed in clean airstream.
- Sterile cages are easily accessed by the operator through the cabinet work surface as the spring-balanced platform moves cages vertically into position.
- Delivery system can maintain up to 50 stacked disposable mouse cages in sterile bags.
- Available on six-foot models only.



# LabGard™ NU-602 Biological Safety Cabinet

## Specifications

Catalog Number	NU-602-400 Nominal 4 Foot (1.2 m)	NU-602-500 Nominal 5 Foot (1.5 m)	NU-602-600 Nominal 6 Foot (1.8 m)
Performance Specifications:			
Personal Protection	NSF / ANSI 49	NSF / ANSI 49	NSF / ANSI 49
Product Protection	NSF / ANSI 49	NSF / ANSI 49	NSF / ANSI 49
NSF Std. No. 49 Class	Class II, Type A2	Class II, Type A2	Class II, Type A2
Style of Cabinet	Console	Console	Console
Cabinet Construction	All Welded Stainless Steel	All Welded Stainless Steel	All Welded Stainless Steel
Pressure Tight Design	16 GA, Type 304 14 GA CRS Base	16 GA, Type 304 14 GA CRS Base	16 GA, Type 304 14 GA CRS Base
Diffuser for Air Supply (Metal)	Non-flammable	Non-flammable	Non-flammable
HEPA Filter Seal Type:			
Supply Filter - 99.99% Eff. on 0.3 Microns	HEPEX™ Seal*	HEPEX™ Seal*	HEPEX™ Seal*
Exhaust Filter - 99.99% Eff. on 0.3 Microns	Neoprene, Spring-loaded	Neoprene, Spring-loaded	Neoprene, Spring-loaded
Fumigation per NIH/NSF Procedure	Yes	Yes	Yes
Standard Services:			
Gas Cocks (3/8 inch NPT)	One, Right Side Wall	One, Right Side Wall	One, Right Side Wall
Duplex Outlet	One, Right Side Wall	One, Right Side Wall	One, Right Side Wall
Optional Services:			
Gas Cocks (3/8 inch NPT)	Up to Three Each, Side Wall	Up to Three Each, Side Wall	Up to Three Each, Side Wall
Duplex Outlets	One Each, Side Wall	One Each, Side Wall	One Each, Side Wall
Ultraviolet Light	One, Back Wall	One, Back Wall	One, Back Wall
Cabinet Size, Inches (mm):			
Height	77 (1956)	77 (1956)	77 (1956)
Width	50 1/2 (1283)	62 1/2 (1588)	74 1/2 (1588)
Depth	31 3/4 (806)	31 3/4 (806)	31 3/4 (806)
Work Access Opening:			
Standard Opening Height, Inches (mm)	12 (305)	12 (305)	12 (305)
Standard Inflow Velocity (DIM)	105 FPM (.53 m/s)	105 FPM (.53 m/s)	105 FPM (.53 m/s)
Work Zone, Inches (mm):			
Height	26 1/2 (673)	26 1/2 (673)	26 1/2 (673)
Width	46 1/2 (1232)	58 1/2 (1486)	70 1/2 (1791)
Depth	24 1/2 (622)	24 1/2 (622)	24 1/2 (622)
Hinged, Tempered Glass Viewing Window, Inches (mm)	12 (305) Opening	12 (305) Opening	12 (305) Opening
Minimum Exhaust Flow Standard	407 CFM (629 CMH)	512 CFM (870 CMH)	617 CFM (1048 CMH)
Plant Duct Static Pressure, Inches	0.05 - 0.1 H <sub>2</sub> O	0.05 - 0.1 H <sub>2</sub> O	0.05 - 0.1 H <sub>2</sub> O
Heat Rejected, BTUs per Minute	24	35	43
Electrical: 115 V (230 V)	UL / UL-C Listed (115 V Only)	UL / UL-C Listed (115 V Only)	UL / UL-C Listed (115 V Only)
Volts, AC (60 / 50 Hz)	115 / 60 (230 / 50, 60)	115 / 60 (230 / 50, 60)	115 / 60 (230 / 50, 60)
Amps: Blower/Lights	10 (7)	12 (8)	12 (8)
Amps: Duplex	3 (3)	3 (3)	3 (3)
Amps: Total	13 (10)	15 (11)	15 (11)
12 ft Power Cord (One)	12 GA - 3 Wire, 20 A	12 GA - 3 Wire, 20 A	12 GA - 3 Wire, 20 A
Net Weight	780 lbs (354 kg)	880 lbs (400 kg)	980 lbs (445 kg)
Crated Shipping Weight*	815 lbs (370 kg)	915 lbs (415 kg)	1015 lbs (460 kg)

## Standard Features

HEPEX™ Pressure System	Fluorescent Lighting
Locking Swivel Casters (Low Profile, Stainless Steel)	12" Access Opening (305 mm) 105 LFPM Air Barrier (0.53 m/s)
Electric Auto-lift	Tempered Glass View Screen
Stainless Steel Interior	Pre-Filter System
Removable Work Tray	Magnehelic Gauge
Liquid Drain Valve	

## Optional Features

Ultraviolet Light
Decorative Front Panel
Ground Fault Interrupter
Service Valves
Three Optional Configurations
Custom Solutions



All models are designed to meet UL, CUL, and CE criteria for safety and performance.

\*Crated shipping weight does not include weight for accessories or options



For more information please visit  
**[www.nuaire.com](http://www.nuaire.com)** or call **1.800.328.3352**

