IV WORKFLOW COMPATIBLE
BIOSAFETY CABINETS AND
LAMINAR AIRFLOW WORKSTATIONS
IV workflow systems that utilize barcoding and gravimetric technology enable real-time error detection during IV compounding. These systems standardize the workflow, increasing safety, while enabling inventory optimization, efficiency, and compliance.

Just as IV Workflow Systems have improved the safety and efficiency of compounding, NuAire has developed pharmacy equipment configured to maximize safety and protection along with improving workflow efficiency and ergonomics.

**Sterile Non-Hazardous**

Primary Engineering Control (PEC)

- **Laminar Airflow Workstation**
  - Model: NU-201
  - Protection: Product
  - Airflow: Horizontal

**Sterile Hazardous**

Containment Primary Engineering Control (C-PEC)

- **Class II, Type A2 Biosafety Cabinet**
  - Model: NU-543
  - Protection: Product, Personnel, Environmental
  - Airflow: 70% Recirculated / 30% Exhaust

- **Class II, Type B2 Biosafety Cabinet**
  - Model: NU-430
  - Protection: Product, Personnel, Environmental
  - Airflow: 0% Recirculated / 100% Exhaust
Example IV Workflow Configuration

**Computer Monitor [A]**
A back wall cut-out allows for placement of a computer display which is isolated from the work area by a glass view screen. IV workflow software can be displayed here for safe and accurate IV compounding.

**IV Workflow System Camera [B]**
A side wall NSF approved cord pass-through powers the IV Workflow System Camera that enables barcode scan for selection of correct drug and image capture for documentation of every step of the IV compounding process.

**Keypad [C]**
Allows user interaction with the IV Workflow System
Sterile Non-Hazardous
IV Workflow Compatible Laminar Airflow Workstation (LAFW)

The NuAire AireGard NU-201 Laminar Airflow Workstation (LAFW) is a primary engineering control (PEC) providing product protection by using HEPA filtered laminar airflow over the work zone in a horizontal direction.

Standard Configuration

Ergo-Tron Arm [A]
An Ergo-Tron Arm can be installed on either side of the LAFW offering quick access to your computer monitor, keyboard, and mouse.

IV Bar with Six Hooks
Hang IV bags in the sterile work zone. Three IV bar height locations optimize workflow process.

Cord Pass-Through
Cord Pass-Throughs located on each sidewall (Qty 2) provide a convenient way to run electrical cords into the work zone to power a scientific scale or barcode scanner.

Stainless Steel Worksurface & Side Walls [B]
The stainless steel configuration provides a durable and easy to clean surface.

Options to Consider

Telescoping Base Stand with Leg Levelers and Shelf
Select the perfect height between 30-inch (sitting) and 36-inch (standing) for your LAFW. A shelf provides convenient storage for a computer tower.

Motorized Adjustable Base Stand
One size fits all, upgrade to an automatic base stand to adjust the work surface to a height perfect for the end user.

Duplex Outlet
Add an outlet to the work zone to provide power for electronics such as an electronic scale or barcode scanner.
AireGard NU-201 Laminar Airflow Workstation

Features

Performance Specifications:
- 90 fpm (0.46 m/s) Exhaust Flow
- Filter Load Capacity 300% Plus
- Filter Life +/- 10 Years

Efficiency Features:
- Ultra High Efficiency ECM Eon™ Motor
- Auto Filter Loading Compensation
- Motor Speed Controller

Superior Construction Features:
- Stainless Steel Work Surface
- Stainless Steel Side Walls
- Metal Diffuser over HEPA Filter

Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Width Size (nominal)</th>
<th>Electrical (all sizes)</th>
<th>Interior Dimensions (W x D x H) in [mm]</th>
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<th>Net Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>NU-201-430</td>
<td>4 ft [1.2 m]</td>
<td>115 VAC 60 Hz E: 230 VAC 50/60 Hz</td>
<td>46 x 20 x 30 [169 x 508 x 762]</td>
<td>50 x 32 x 52 [1880 x 813 x 1321]</td>
<td>250 lbs [114 kg]</td>
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<tr>
<td>NU-201-630</td>
<td>6 ft [1.8 m]</td>
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<td>70 x 20 x 30 [1778 x 508 x 762]</td>
<td>74 x 32 x 52 [1880 x 813 x 1321]</td>
<td>350 lbs [159 kg]</td>
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* Specify models with appropriate letter suffix for electrical specifications. “NU-201-430E” for 230 VAC 50/60 Hz

Safety Features:
- 6” (153 mm) Exhaust HEPA filter, 99.99% @ 0.3 Micron Efficiency Rating
- Airflow / Window Alarms with Ring Back Function
- HEPEX Zero Leak Airflow System
- UL Listed

Standard Features:
- External Fluorescent Lighting
- IV Bar with Six Hooks
- Cord Pass-Through (Qty 2) (Sidewalls)
- Power Cord

Ergonomics Features:
- 30” (762 mm) Access Opening
- External Non-Glare 100 lm/ft² Fluorescent Lighting
- Telescoping Base Stand with Shelf

Built-in Options:
- LED Lighting
- Germicidal UV Light
- Ground Fault Interrupter (GFI) Duplex Outlet
- Storage Pull-Out Trays
- Service Couplings (Up to 3 each sidewall)
- Service Valves (Up to 3 each sidewall)
- Pre-piped Plumbing
- Custom Solutions

Accessories:
- Telescoping Base Stand with Storage
- Automatic Adjustable Base Stand
- Adjustable Footrest
- Elbow Rests

Warranty

- 3 YEAR WARRANTY
- PARTS, LABOR, FILTERS
- United States, Canada

- 4 YEAR WARRANTY
- PARTS, FILTERS
- Worldwide

 Builders Warranty Corporation

3 YEAR WARRANTY

Energy Star

RoHS Compliance

UL Listed

30” (762 mm) Access Opening

Features

Specifications

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* Specify models with appropriate letter suffix for electrical specifications. “NU-201-430E” for 230 VAC 50/60 Hz
The LabGard NU-543 AIR is a Class II Type A2 Biological Safety Cabinet (BSC) known as a containment primary engineering control (C-PEC) that can be connected to a facility HVAC system through an exhaust transition per USP 800. The cabinet’s airflow is 30% exhausted / 70% recirculated to minimize cross-contamination of low to moderate risk biologicals in the absence of volatile toxic chemicals.

**Standard Configuration**

- **IV Bar with Six Hooks**
  Hang IV bags in the sterile work zone. Three IV bar height locations optimize workflow process.

- **Cord Pass-Through**
  An NSF Approved cord Pass-Through can be located on either side wall, providing a convenient way to power equipment such as an electronic scale or barcode scanner.

- **Back Wall Cut Out [A]**
  The back wall features a cut out with glass inlay fits a computer monitor for greater accessibility and usability of IV Workflow Software.

- **Smooth Stainless Steel Sidewalls [B]**
  Promoting a cleaner environment. The interior sidewalls are constructed of heavy duty stainless steel without penetrations making an easier environment to clean.

- **Prop-up Work Surface [C]**
  Assist your cleaning efforts with a prop up the interior work surface.

**Options to Consider**

- **Telescoping Base Stand with Leg Levelers and Shelf**
  Select the perfect height between 30-inch (sitting) and 36-inch (standing) for your LAFW. A shelf provides convenient storage for a computer tower.

- **12-inch Access Opening**
  Upgrade from a 10-inch access opening to a 12-inch access opening to improve user ergonomics improving your range of motion.

- **Motorized Adjustable Base Stand**
  One size fits all, upgrade to an automatic base stand to adjust the work surface to a height perfect for the end user.

- **Ergo-Tron Arm [C]**
  An Ergo-Tron Arm can be installed on either side of the LAFW offering quick access to monitor, keyboard, and mouse.
Features

Performance Specifications:
- Airflow 30% exhausted / 70% recirculated
- 105 fpm (0.53 m/s) Inflow
- 60 fpm (0.30 m/s) Down Flow
- Filter Load Capacity 300% Plus
- Filter Life +/- 10 Years

Safety Features:
- Permanent Plenum with Quick Release Supply Filter
- 3" (76 mm) Metal Frame Supply HEPA Filter 99.99% @ 0.3 Microns Efficient
- 12" (305 mm) Metal Frame Exhaust HEPA Filter 99.99% @ 0.3 Microns Efficient
- VFC Exhaust Transition
- Airflow / Window Alarms with Ring Back Function
- HEPEX Zero Leak Airflow System
- NSF/ANSI 49, UL Listed, CE Listed

Efficiency Features:
- Ultra High Efficiency ECM Eon™ Motor
- Auto Filter Loading Compensation
- Motor Speed Controller
- Internal Exhaust Damper
- nitecare Night Setback

Superior Construction Features:
- Monolithic 16/18 Gauge, Type 304 Stainless Steel Welded Pressure Tight Construction (Silicone Free)
- IV Bar with Six Hooks
- Smooth Stainless Steel Side Walls
- NSF Approved Cord Pass-Through Sidewall (Qty 2)
- Metal Diffuser Over Supply Filter
- Front Filter Service Access
- Removable Control Center
- Removable Stainless Steel Coved Work Tray with Prop-up Stand for Cleaning
- Recessed and Removable Front Intake Grill
- Stainless Steel Spill Trough with Drain Valve
- Vibration Reducing Work Surface Support System

Ergonomics Features:
- 10" (254 mm) Access Opening, Sloped Front Frame-less
- Sliding Tempered Glass View Screen
- External Non-Glare 100 Im/ft² Fluorescent Lighting
- Heavy Duty Plastic PVC Armrest
- Telescoping Base Stand with Shelf

Built-in Optional Features:
- 12" (305 mm) Access Opening (NSF/ANSI 49)
- 8" (203 mm) Access Opening (NSF/ANSI 49)
- Stainless Steel Armrest
- LED Lighting
- Germicidal UV Light

Specifications

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<th>Exhaust Requirements (per Access Opening)</th>
<th>Net Weight</th>
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<tbody>
<tr>
<td>NU-543-400</td>
<td>4 ft [1.2 m]</td>
<td>115 VAC 60 Hz E: 230 VAC 50/60 Hz</td>
<td>46 7/8 x 25 1/4 x 28 1/2 [1178 x 654 x 724]</td>
<td>53 5/8 x 31 7/16 x 61 7/8 [1362 x 799 x 1572]</td>
<td>8-inch 295-520 CFM</td>
<td>465 lbs [211 kg]</td>
</tr>
<tr>
<td>NU-543-600</td>
<td>6 ft [1.8 m]</td>
<td></td>
<td>70 7/8 x 25 1/4 x 28 1/2 [1788 x 654 x 724]</td>
<td>77 5/8 x 31 7/16 x 61 7/8 [1972 x 799 x 1572]</td>
<td>8-inch 436-661 CFM</td>
<td>620 lbs [281 kg]</td>
</tr>
</tbody>
</table>

* Specify models with appropriate letter suffix for electrical specifications. “NU-543-400E” for 230 VAC 50/60 Hz

Accessories:
- Decorative Side Panels
- Telescoping Base Stand with Storage Cabinet
- Automatic Adjustable Base Stand
- Adjustable Footrest
- 10" (254 mm) Elbow Rest
- 5" (127 mm) Elbow Rest
- Disposable Foam Armrest Pads
- Stainless Steel Armrest
- Utility Cart

Exhausting Accessories:
- Silicone Connection Sleeve Kit
- 10" (254 mm) Manual Air-tight Butterfly Damper
- 10" (254 mm) Flexible Duct Work
- 10" (254 mm) Round to 8" (203 mm) Round Transition
- 8" (203 mm) Manual Air-tight Butterfly Damper
- 8" (203 mm) Flexible Duct Work

Specifications

- Ground Fault Interrupter (GFI) Duplex Outlet
- Storage Pull-Out Trays
- Service Couplings (Up to 3 each sidewall)
- Service Valves (Up to 3 each sidewall)
- Pre-piped Plumbing
- Custom Solutions
Sterile Hazardous
IV Workflow Compatible Class II, Type B2 Biosafety Cabinet (BSC)

The LabGard NU-430 is a Class II Type B2 Biological Safety Cabinet (BSC) known as a containment primary engineering control (C-PEC) that is connected to a facility HVAC system through an exhaust transition per USP 800. The cabinet’s airflow is 100% exhausted to minimize cross-contamination of low to moderate risk biologicals in the absence of volatile toxic chemicals.

Standard Configuration

IV Bar with Six Hooks
Hang IV bags in the sterile work zone. Three IV bar height locations optimize workflow process.

Cord Pass-Through
An NSF Approved cord Pass-Through can be located on either side wall, providing a convenient way to power equipment such as an electronic scale or barcode scanner.

Smooth Stainless Steel Sidewalls [B]
Promoting a cleaner environment. The interior sidewalls are constructed of heavy duty stainless steel without penetrations making an easier environment to clean.

Back Wall Cut Out [C]
The back wall features a cut out with glass inlay fits a computer monitor for greater accessibility and usability of IV Workflow Software.

Options to Consider

Standard Configuration

Telescoping Base Stand with Leg Levelers and Shelf
Select the perfect height between 30-inch (sitting) and 36-inch (standing) for your LAFW. A shelf provides convenient storage for a computer tower.

Manual Butterfly Valve and Silicone Connection Sleeve Kit
The primary exhaust accessories you need to connect to a facilities exhaust system and comply with USP 800.

Prop-up Work Surface
Assist your cleaning efforts with a prop up the interior work surface.

Motorized Adjustable Base Stand
One size fits all, upgrade to an automatic base stand to adjust the work surface height to fit any user

Ergo-Tron Arm [A]
An Ergo-Tron Arm can be installed on either side of the LAFW offering quick access to monitor, keyboard, and mouse.

Prop-up Work Surface

Manual Butterfly Valve and Silicone Connection Sleeve Kit
**Features**

**Performance Specifications:**
- Airflow 100% exhausted / 0% recirculated
- 105 fpm (0.53 m/s) Inflow
- 60 fpm (0.30 m/s) Down Flow
- Filter Load Capacity 300% Plus
- Filter Life +/- 10 Years

**Efficiency Features:**
- Ultra High Efficiency ECM Eon™ Motor
- Auto Filter Loading Compensation
- Motor Speed Controller
- Internal Exhaust Damper
- nitecare Night Setback

**Superior Construction Features:**
- Monolithic 16/18 Gauge, Type 304 Stainless Steel Welded Pressure Tight Construction (Silicone Free)
- IV Bar with Six Hooks
- Smooth Stainless Steel Side Walls
- NSF Approved Cord Pass-Through Sidewall (Qty 2)
- Metal Diffuser Over Supply Filter
- Front Filter Service Access
- Removable Control Center
- Removable Stainless Steel Coved Work Tray with Prop-up Stand for Cleaning

**Specifications**

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<td>NU-430-400</td>
<td>4 ft [1.2 m]</td>
<td>115 VAC 60 Hz</td>
<td>46 7/8 x 23 1/2 x 25 1/2</td>
<td>53 7/8 x 32 7/8 x 61</td>
<td>Concurrent Balance 785 CFM</td>
<td>259 lbs</td>
</tr>
<tr>
<td>NU-430-600</td>
<td>6 ft [1.8 m]</td>
<td>E: 230 VAC 50/60 Hz</td>
<td>70 7/8 x 23 1/2 x 25 1/2</td>
<td>77 5/8 x 32 7/8 x 61</td>
<td>Concurrent Balance 1250 CFM</td>
<td>710 lbs</td>
</tr>
</tbody>
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- Specify models with appropriate letter suffix for electrical specifications. “NU-543-400E” for 230 VAC 50/60 Hz

**Safety Features:**
- Permanent Plenum with Quick Release Supply Filter
- 6” (229 mm) Metal Frame Supply HEPA Filter
- 99.99% @ 0.3 Microns Efficient
- 12” (305 mm) Metal Frame Exhaust HEPA Filter
- 99.99% @ 0.3 Microns Efficient
- Silicone Connection Sleeve Kit
- 12” (305 mm) Manual Air-Tight Butterfly Damper
- Airflow / Window Alarms with Ring Back Function
- HEPEx Zero Leak Airflow System
- NSF/ANSI 49, EN12469, UL Listed

**Ergonomics Features:**
- 8” [203 mm] Access Opening, Straight Front Frame-less
- Sliding Tempered Glass View Screen
- External Non-Glare 100 lm/ft2 Fluorescent Lighting
- Heavy Duty Plastic PVC Armrest
- Telescoping Base Stand with Shelf

**Built-in Optional Features:**
- Stainless Steel Armrest
- Germicidal UV Light
- Ground Fault Interrupter (GFI) Duplex Outlet(s)
- Storage Pull-Out Trays
- Service Couplings (Up to 3 each sidewall)
- Service Valves (Up to 3 each sidewall)
- Pre-piped Plumbing
- Custom Solutions

**Accessories:**
- Decorative Side Panels
- Telescoping Base Stand with Storage Cabinet
- Automatic Adjustable Base Stand
- Adjustable Footrest
- 10” (254 mm) Elbow Rest
- 5” (127 mm) Elbow Rest
- Disposable Foam Armrest Pads
- Stainless Steel Armrest
- Utility Cart

**Exhausting Accessories:**
- 12” (305 mm) Motorized Air-Tight Butterfly Damper
- Flex Duct Kit (8 ft., 12” diameter) (2.5 m, 305 mm diameter)

**Exhausting Accessories:**
- 12” (305 mm) Motorized Air-Tight Butterfly Damper
- Flex Duct Kit (8 ft., 12” diameter) (2.5 m, 305 mm diameter)

**Features**

- Recessed and Removable Front Intake Grill
- Stainless Steel Spill Trough with Drain Valve
- One Duplex Outlet Left Front Farring
- Power Cord

- HEPA Filtered Air
- Contaminated Work Surface Air
- Contaminated Room Air Supply

**5 YEAR WARRANTY**
The AireGard model NU-S101 provides product protection by using HEPA filtered uniform down flow air that flushes the work zone. Model NU-S101 can be customized to your IV workflow system improving safety and efficiency.

**Vertical Laminar Airflow Workstation**
- **Model:** NU-S101
- **Protection:** Product
- **Airflow:** Horizontal

**Complete Your Pharmacy**

NuAire offers a variety of Laboratory Equipment to meet the needs of the research, vivarium, pharmacy, or environmental laboratory and more. Join the NuAire family and complete your laboratory with complementary NuAire Quality products.

**LABCARD**
- Biological Safety Cabinets

**AIRECARD**
- Laminar Airflow Workstations

**PHARMACARD**
- Compounding Isolators

**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 knowledgable sales and service individuals some of which have been selling and servicing NuAire Pharmacy Products since our inception in 1971.

Working Safely Video Series. Learn how to work safely in your NuAire Biological Safety Cabinet with this 7 Chapter online video series.

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 pharmacy 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.

Find amazing prices on NuAire Laboratory Equipment with contracts, group purchasing organizations, and more.