

EXPERIENCE ERGONOMICS

BIOLOGICAL SAFETY CABINET ADVANCEMENTS FOR



IMPROVED SAFETY CONDITIONS

IMPROVED PRODUCTIVITY

IMPROVED QUALITY
AND RELIABILITY

REDUCTION OF ARM/SHOULDER/
NECK STRAIN CONTRIBUTING TO
COMMON WORK PLACE INJURIES



ONE SIZE FITS ALL

1

Ability to Sit or Stand at a Range of Heights



NuAire Biological Safety Cabinets provide maximum knee/thigh clearance which improves the users ability to assume a proper posture. The maximum knee/thigh clearance is accomplished by a design improvement that reduced the plenum height beneath the work surface.

The adjustable base stand provides the ability for laboratory personnel to optimize ergonomic conditions improving leg and forearm support.



2

Forearm Support for Comfort and Safety



NU-978-001 ELBOW REST

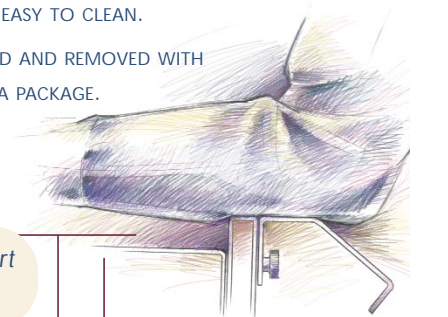
- OFFERS PROPER SUPPORT OF ELBOWS AND FOREARMS WHILE WORKING IN A CABINET. IDEAL FOR LONG-TERM PROCEDURES SUCH AS PIPETTING.
- KEEPS ARMS AND ELBOWS OFF THE FRONT AIR GRILL. DOES NOT INTERFERE WITH AIR BARRIER PROTECTION.
- EASY TO CLEAN. CLOSED CELL FOAM PADDING.
- RUBBER FEET CAPS ALLOW ELBOW REST TO BE USED ON A WIDE VARIETY OF GRILL CONFIGURATIONS.



NU-976 FOAM ARMREST PADS

- WHEN APPLIED TO AN ERGONOMIALLY DESIGNED ARMREST, PADDING OFFERS INCREASED COMFORT TO FOREARMS.
- 3/16" CLOSED CELL FOAM PAD - EASY TO CLEAN.
- PAD IS DISPOSABLE - EASILY APPLIED AND REMOVED WITH SELF-ADHESIVE TAPE. 10 PADS TO A PACKAGE.

The NuAire armrest provides additional forearm support for procedures performed within the cabinet.



Front Grill

Armrest

Section view of forearm support

Space required to ensure containment airflow pull down into front grill

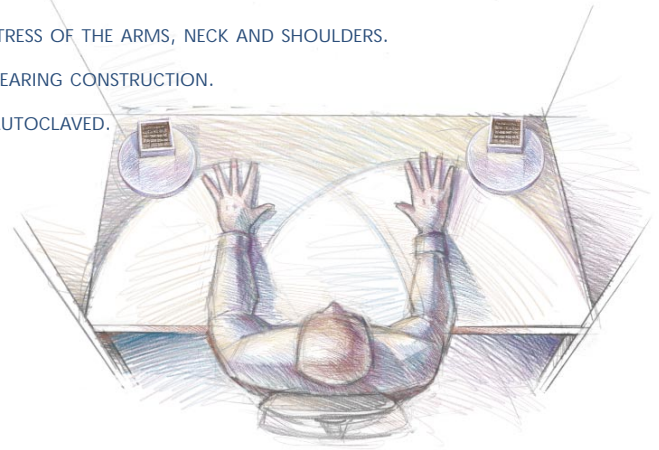
3 Effective Work Zone Area for More "User-Friendly" Space

NuAire Biological Safety Cabinets provide the largest effective work zone area available which helps reduce arm/neck/shoulder strain.



NU-977-001 TURNTABLE

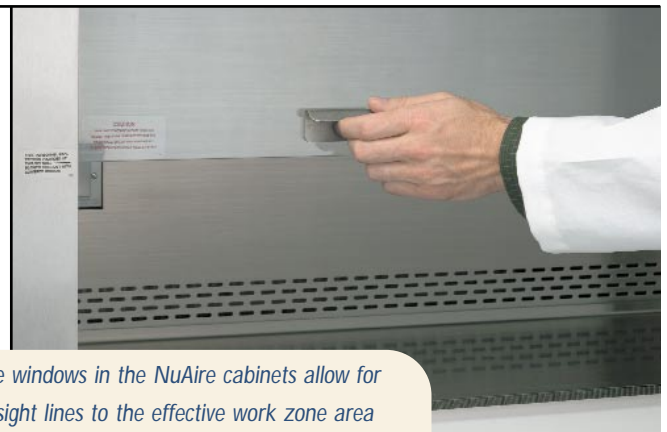
- EXTENDS REACH OF USERS UP TO 12" INTO THE BACK CORNERS OF WORK ZONE.
- EXTENDED REACH MINIMIZES STRESS OF THE ARMS, NECK AND SHOULDERS.
- 100% STAINLESS STEEL BALL BEARING CONSTRUCTION.
- EASY TO CLEAN AND CAN BE AUTOCLAVED.



4 Expanded Vision Zone to Reduce Awkward Postures and Proper Lighting for Reduced Glare



The cool white lighting in NuAire cabinets reduces glare.

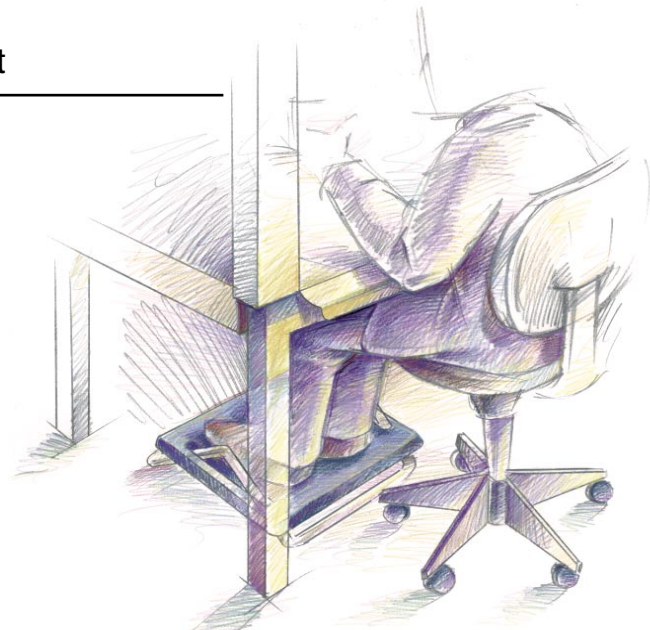


The frameless polished edge windows in the NuAire cabinets allow for greater visibility and better sight lines to the effective work zone area reducing awkward posture resulting in less eye fatigue and/or neck strain.

5 Recommended Features for Ergonomically Designed Laboratory Chair and Footrest

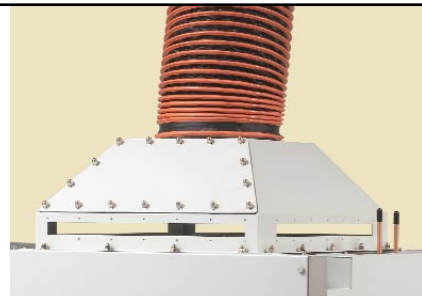


NuAire's adjustable footrest provides optimal foot and leg support.



6 Designed Flexibility Improves Productivity, Quality, and Reliability

With the use of Flex-Duct and an Air-Break Thimble Transition a Class 11 Type A Biological Safety Cabinet, with an adjustable base stand, can be converted to a B3 Biological Safety Cabinet.



THE ERGONOMIC PACKAGE

NuAire Class II Biological Safety Cabinet

Standard Ergonomic Features

- Armrest
- Extra large workspace
- Cool non-glare white lighting
- Frameless polished edge view window
- Staggered sidewall service valves
- Centrally located electronic Control Center
- More knee space

Optional Ergonomic Features and Accessories

- Automatic adjustable base support stand
- Adjustable footrest
- Elbowrest
- Foam armrest pads
- Stainless steel turntable
- Remote-controlled service valves
- Optional: Flex-Duct, Flex-Hose, Transitions for exhausting
- Biofit® ergonomic adjustable chair

ERGONOMICS

ERGO: "WORK" NOMOS: "THE STUDY OR LAWS OF"
COMBINES TO MEAN: "THE LAWS OF WORK" OR
DESIGNING "EQUIPMENT" THAT ACCOMMODATES LIMITS OF THE USER*



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*WICKENS, 1984

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