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LabGard® ES AIR NU-543 Class II Type A2 Biosafety Cabinet by NuAire

The NU-543 is a Containment Primary Engineering Control (C-PEC) that can be connected to a facility HVAC system through an exhaust transition to meet USP <800>, and can be optimized for medication workflow with a mounted IV bar, cord pass-through ports, back-wall monitor cut out, and/or Ergotron™ Arm options.

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Founded: 1971
 Employees: 150
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Company Background

For over half a century, NuAire has consistently led the industry in safety standards and customer satisfaction. We obsess over our customers' needs and tailor unique solutions to meet those needs. With invaluable input from customers like you, we now offer a wide range of biological safety cabinets, CO₂ incubators, animal handling devices, centrifuges, ultralow freezers, acid-resistant polypropylene cabinetry and fume hoods, hospital pharmacy compounding isolators, and much more.

NuAire, Inc. has now sold more than 100,000 biosafety cabinets in more than 150 countries, spanning across all seven of the world's continents. We pride ourselves on our products' industry-leading quality, reliability, low cost of ownership, and environmental sustainability. All standard BSC units sold in the U.S. and Canada come with a five-year parts and labor warranty. As NuAire continues to grow, we are committed to continuously improving our products and expanding our offerings.

Product Overview

The LabGard® ES (Energy Saver) AIR Model NU-543 Class II, Type A2 Biosafety Cabinet is a tabletop model with available base stand options. The NU-543 functions as a containment primary engineering control (C-PEC) and complies with USP <800> requirements for sterile hazardous drug compounding. This BSC model also offers the greatest degree of versatility with available accessories and access openings of 8, 10, or 12 inches [203, 254, or 305 mm]. The FlowGard™ central control system utilizes a single airflow sensor with dual-thermistor IntelliFlow™ probes to monitor and display the airflow speed in real-time. As a Class II, Type A2 BSC, this unit can be hooked up to an HVAC exhaust system or directly exhaust HEPA filtered air back into the room.

Learn more at: www2.nuaire.com/medication-workflow

Features & Options

LED interior lighting, interior duplex GFCI outlets, seamless stainless steel work zone wrap, easy-to-clean prop-up stainless steel work tray, and side-wall cord pass-through ports (NSF approved).

Options/accessories: Mounted IV bar with three adjustable heights, motorized auto-lift base stand, backwall viewing window for PC monitor, Ergotron™ Arm for mounting a keyboard/mouse and PC monitor; variable flow exhaust canopy with flex duct, and silicone cushioned movable elbow rests.

Product Specifications

105 fpm [0.53 m/s] dynamic inflow, 60 fpm [0.30 m/s] true laminar downflow, ISO Class 5 air protection, 3 inch [76 mm] HEPA 99.99% efficient @ 0.3 microns supply filter, 11.5 inch [292 mm] HEPA 99.99% efficient @ 0.3 microns exhaust filter.

Additional Product Lines

For strictly non-hazardous drug preparation, an AireGard® Laminar Airflow Workstation (LAFW) can function as a primary engineering control (PEC) for meeting USP <797> requirements as an alternative to a Class II biosafety cabinet. The AireGard® NU-240 also provides ISO Class 5 air product protection.

Ordering Information

Request a quote online at www.nuaire.com.