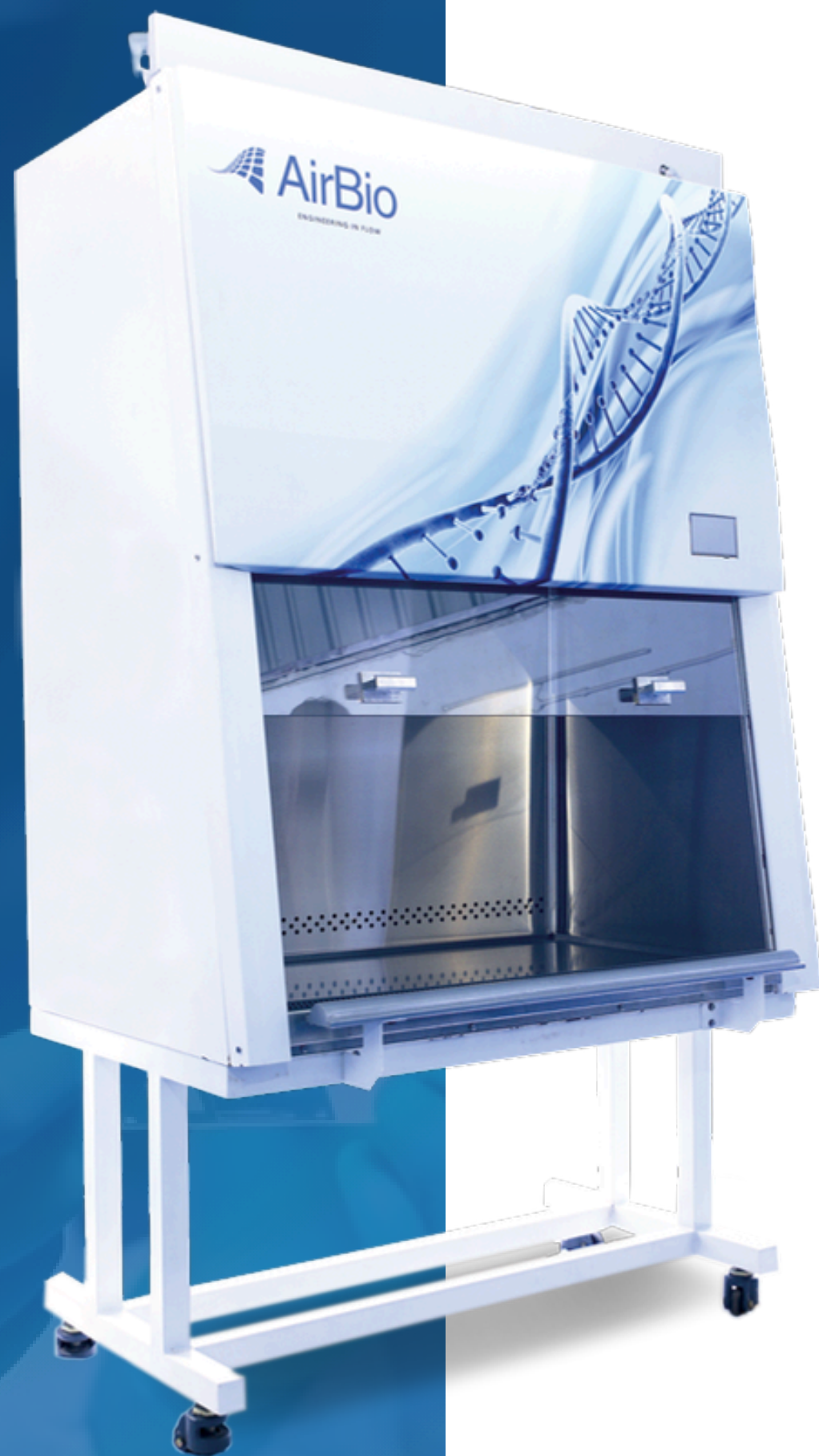


ENGINEERING
IN FLOW



Building a new era of **BIOSAFETY**

BIOSAFETY CABINETS | LAMINAR FLOW
FUMEHOODS | AIR SHOWERS | BSL II LABS
CLEAN ROOMS | COLD ROOMS



MADE IN INDIA FOR THE WORLD

www.airbio.in



THE INVISIBLE GUARDIAN

In the world's most dangerous labs, the only thing between a breakthrough and a catastrophe **is the air we engineer.**



OUR STORY

THE GENESIS OF THE INDIAN DREAM

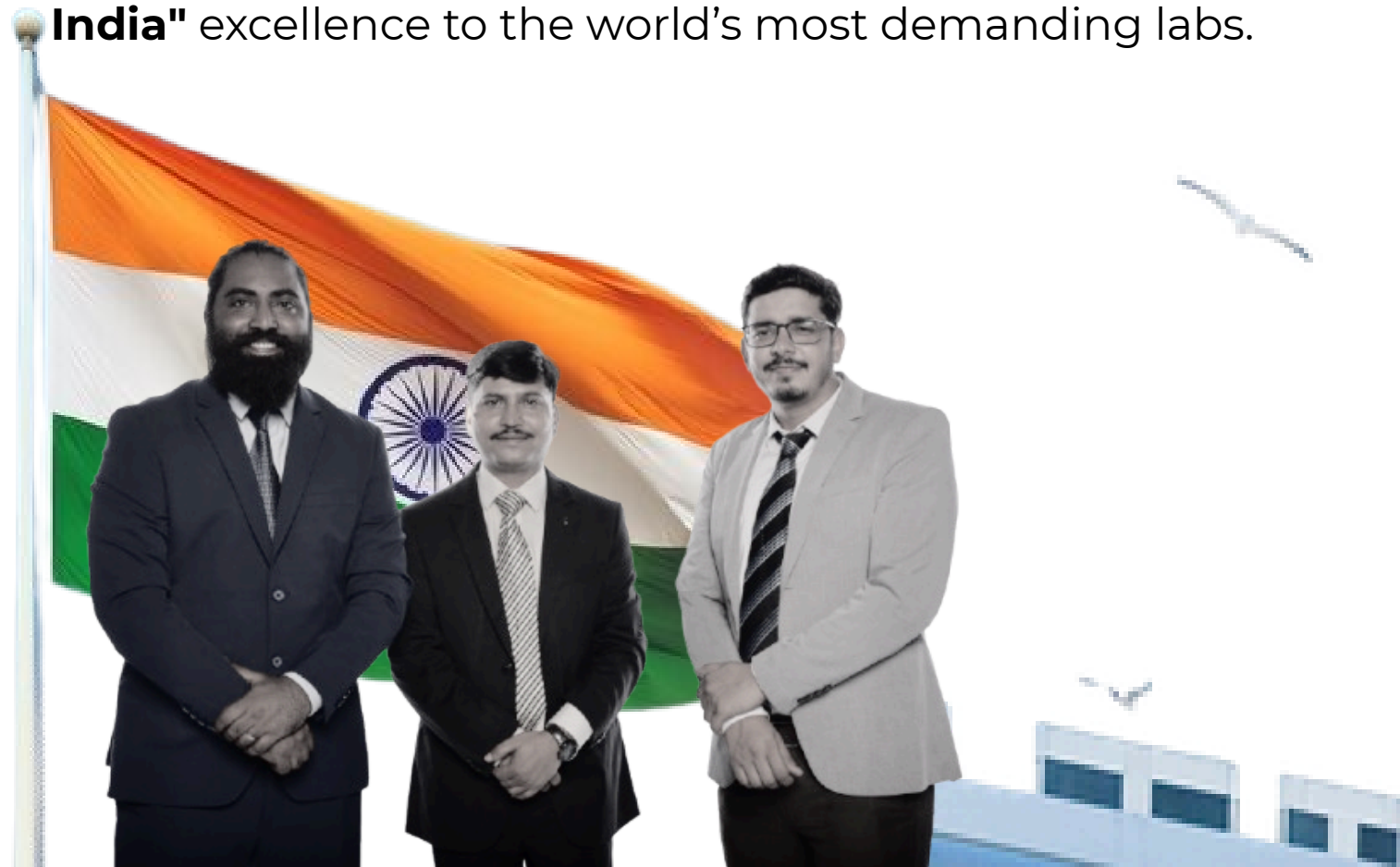
The Defiance: We **refused to accept** a status quo where India's greatest scientists relied on dated, imported legacy tech.

The Audacity: We didn't just build a cabinet; we engineered a world-class product **on home soil** to out-protect and out-perform the global elite.

The Velocity: Founded in **October 2023**, we have achieved a manufacturing standard ready for 54+ countries, delivering "**Made in India**" excellence to the world's most demanding labs.



Three Engineers. One Obsession.



TRUSTED BY GREAT TEAMS

CHOSEN BY LEADERS IN SCIENCE



THE AIRBIO ETHICS



Our Mission

To deliver innovative, reliable, and precision-engineered biosafety solutions that empower scientific progress and ensure the highest standards of safety and performance.

Our Vision

To be the global leader in biosafety technology, setting new benchmarks for safety, efficiency, and innovation while supporting advancements in science and healthcare.

Our Values



1. Innovation: Driving excellence through cutting-edge technology.



2. Safety: Ensuring uncompromising protection for people and processes.



3. Integrity: Building trust through transparency and reliability.



4. Sustainability: Creating eco-friendly solutions for a better future.



5. Collaboration: Partnering with clients to advance scientific discovery.

The AirBio Standard: The Benchmarks of Precision



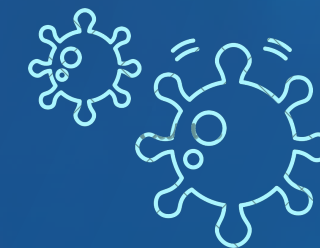
70%

ENERGY SAVINGS



< 60 dB

NOISE LEVEL



0.00%

PATHOGEN ESCAPE RATE



72-Hour

RESOLUTION



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CERTIFICATES & CREDENTIALS



ISO 9001:2015
ISO 13485:2016
EN 12469:2000



CE Certified



MSME Registered – Ministry of Micro,
Small & Medium Enterprises



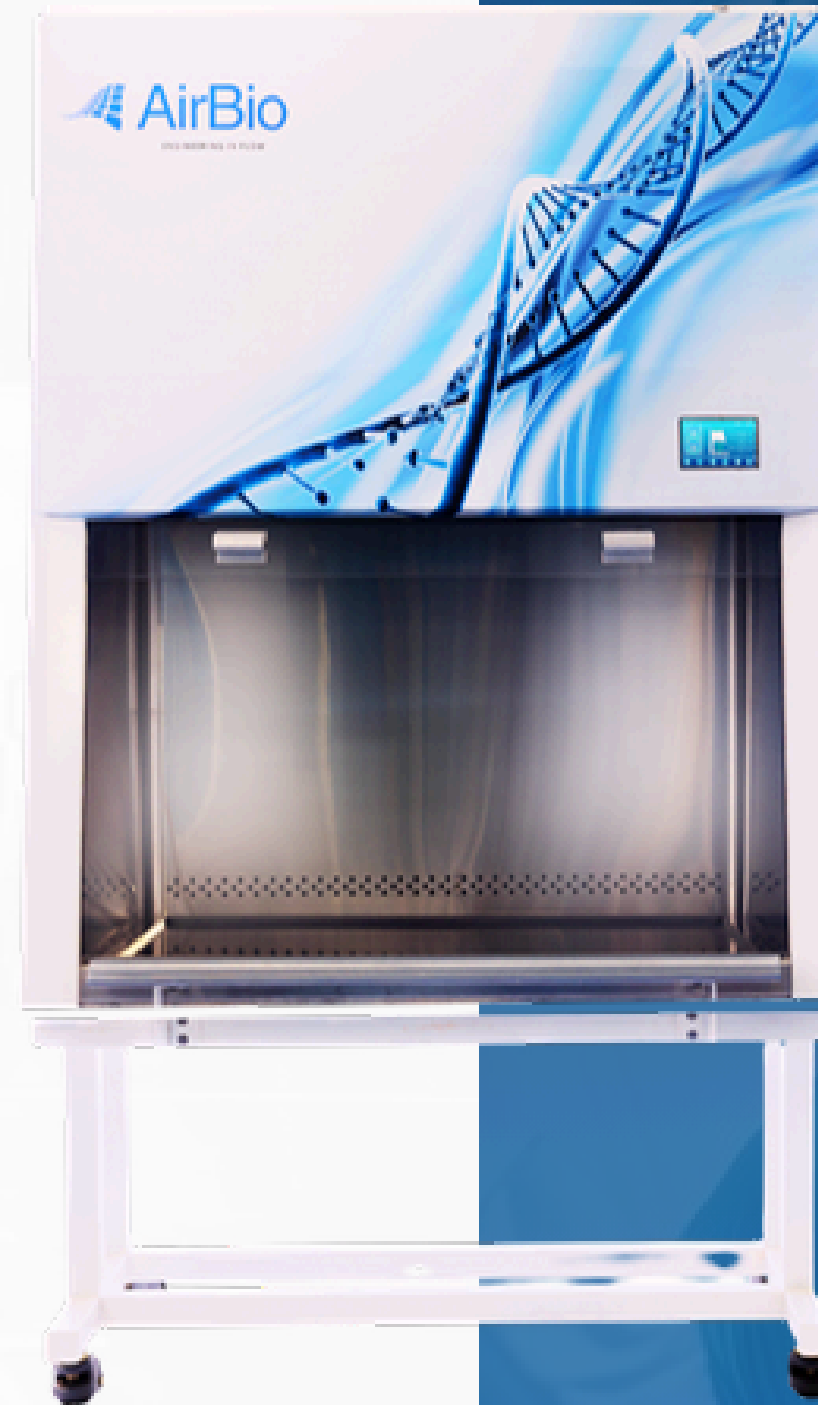
Startup India Recognition



Registered with GeM



Import-Export Code



ENGINEERING
IN FLOW

OUR LEADERSHIP



ANIL BHUTANI
CHIEF ADVISER



NIRAJ KUMAR
CEO



PRASHANTH SWAMY
COO



AMIT PANGHAL
CFO

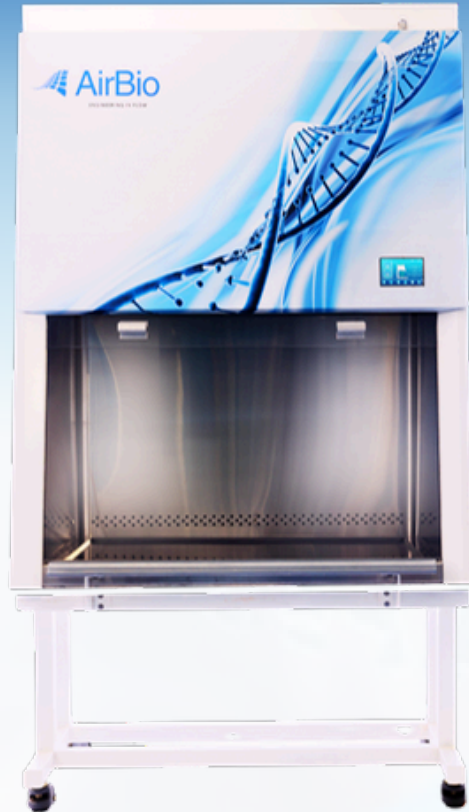
STATE-OF-THE-ART MANUFACTURING

From **engineering** and **manufacturing** to **installation** and **technical support**, the entire process is managed by the **integrated team** to ensure the **best customer experience**.

OUR SIGNATURE PRODUCTS



BIOSAFETY CABINET



LAMINAR FLOW



AIR SHOWER

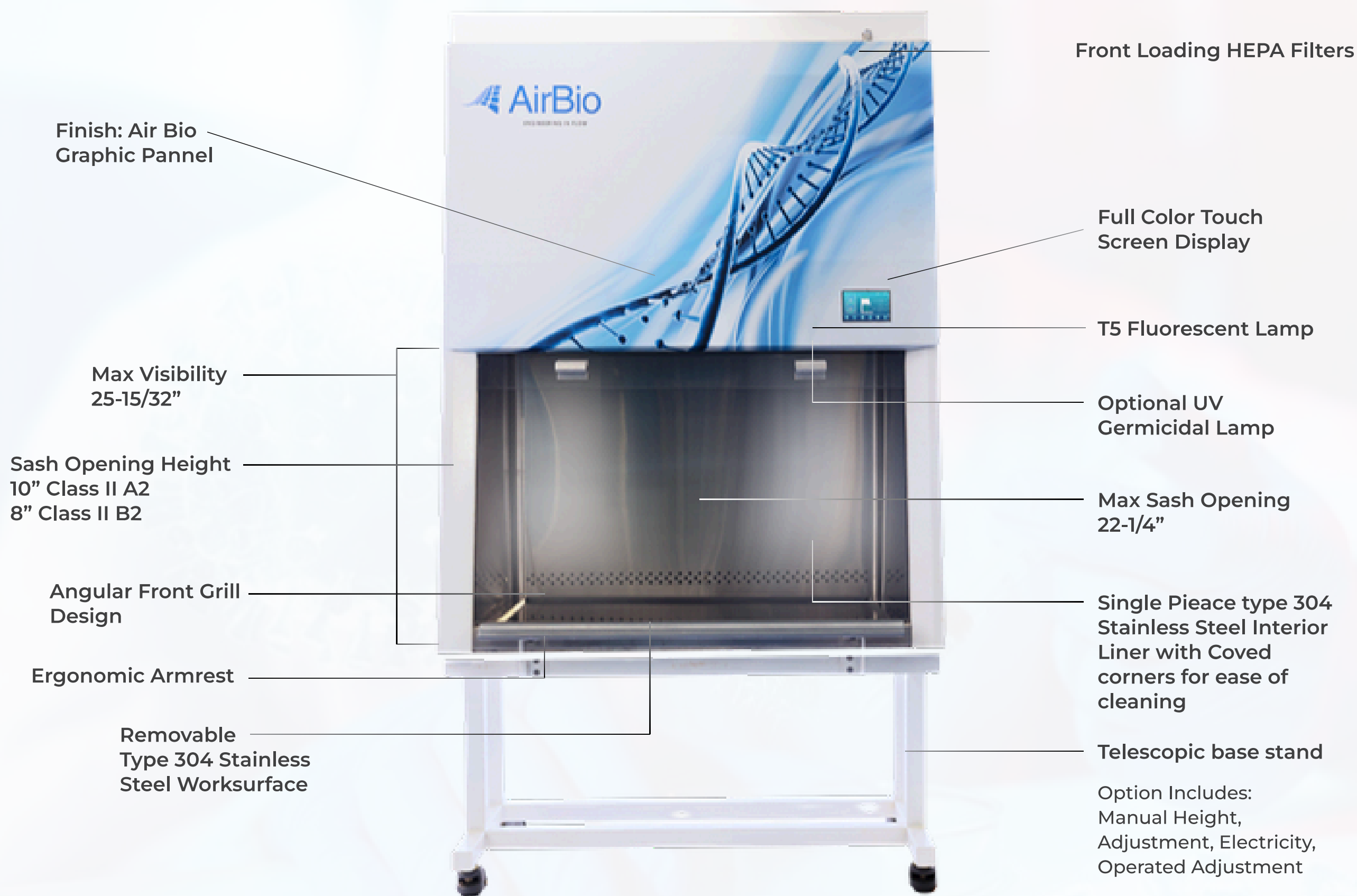


FUME HOOD



PCR WORKSTATION





AirBio Falcon Series 4002

Revolutionizing Personal Protection

Our flagship Variation 001 Class II Type A2 cabinet sets a new standard for personal protection with groundbreaking features.

AirBio Stainless Steel Pass-Through Air Shower

They minimize particulate matter **entering or exiting the clean space** to mitigate the risk for cross-contamination.

Personnel and materials entering or exiting the controlled environment are “scrubbed” with **H14-filtered air** by **high-velocity air jets running at 18-30 m/s** (3543-5906 fpm).

Contaminated air is then drawn through the base within the unit, filtered and recirculated.



& More Products



**SS304
Standard
Cleanroom
Air Shower**



**Airbio
Tunnel
Air Shower**



**Single-Chamber
Three Way Door
Air Shower**

VERTICAL LAMINAR FLOW CABINET



LCD Display

1.4.3 inch LCD display with multifunction keys with real time air velocity monitoring and filter loading.



Dual Blower

Dual blower system enables true laminar flow ensuring uniform, streamlined and turbulent free airflow.



Airflow Velocity

Airflow velocity sensor for real time monitoring of constant airflow profile and to activate alarm in case of fluctuation.



Safety Interlock

Safety interlock function integrates sash, UV lamp and fan operations to ensure safe and efficient operation.



Glass side Window

Glass side window provides user with enhanced visibility, usability and efficiency.



Plenum Box

Front loading plenum box increases ease of maintenance and accessibility.

AirBio VELOCITY

AirBio Vertical Laminar Air Flow Cabinets are crucial for maintaining controlled, particle-free environments across diverse industries.

With unidirectional, vertical airflow, they create a sterile workspace by pushing contaminants away, while also protecting operators from harmful substances.

The design of AirBio's cabinets minimizes turbulence, ensuring a smoother, more controlled environment.

AirBio GeneSafe PCR Workstation



A high-performance clean working enclosure engineered for contamination-free PCR setup and molecular biology applications. Designed in accordance with international laboratory standards, combining UV decontamination technology, ergonomic design, and HEPA-filtered airflow for reliable, reproducible PCR preparation.



UV Decontamination



HEPA Filtration 99.97%



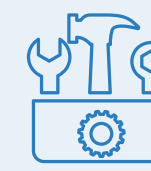
SS 304 Steel Chamber



Digital Control System



CE / ISO Certified



12 Month Warranty

Ideally suited for: Biotechnology · Microbiology · Molecular Diagnostics · Genomics · Academic Research

AirBio FUMEHOOD

Introducing **AirBio Fume Hoods**, crafted for laboratory environments where safety and efficiency are paramount.

These hoods function by drawing in air from the room through the front opening, creating a low-pressure environment within the hood.

This airflow helps prevent harmful fumes, vapors, or particulate matter generated during chemical reactions from escaping into the laboratory.



Advanced Filtration System with options for carbon or HEPA filters to ensure precise air purification.



Aerodynamic Sash Design that reduces turbulence and enhances user protection.



Digital Touch Interface for accurate airflow monitoring and intuitive control.



Built-in Alarm System to alert users to airflow inconsistencies or filter changes.



Durable Work Surface constructed from chemical-resistant materials for extended longevity.



Customizable Exhaust Options for recirculating or ducted installations.



Energy-Efficient LED Lighting that provides excellent visibility with minimal energy consumption.



Ergonomic Sash Handles are designed for ease of use and operator comfort.



SUCCESSFUL INSTALLATIONS AT LEADING INSTITUTIONS



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Microbiologists



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