

LAMINAR AIR FLOW

Clean Air. Safer Science. Better Results.



Uniform Laminar
Air Flow



User Friendly
Control Panel



HEPA Filtered
Clean Air



Contamination Free
Work Area



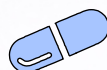
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INTRODUCTION

Advanced Contamination Control

Designed to maintain a clean and sterile working environment, the system continuously recirculates air through high-efficiency filtration, ensuring effective removal of dust, particles, and microbial contaminants.

Efficient Airflow & Clean Air Protection

Engineered with a controlled horizontal airflow pattern, the unit delivers smooth and consistent air movement across the workspace, preventing contamination and protecting sensitive samples.

User-Friendly Design & Visibility

Equipped with a convenient front access system and clear viewing panels, the cabinet offers excellent visibility and ease of operation, enhancing user comfort during long working hours.

Robust Build & Safety Features

Constructed with durable materials for long-term reliability, the unit includes integrated safety and sterilization features, along with quiet operation and utility provisions for efficient laboratory use.

SPECIFICATIONS

Type of Air Flow Direction	Horizontal
Type of Air Flow Pattern	100% air recirculated through filter
Work Surface	Stainless steel 304
Pre-Filter Availability	Yes (Washable, 10 Microns)
HEPA Filter	0.3 microns, 99.99% efficiency
Air Flow Velocity	0.26 to 0.38 m/s
Type of Front Door	Manual Folding
Material of Front Door	Clear, U.V. Resistant Polycarbonate Sheet
Material of Side Panels	Clear, U.V. Resistant Polycarbonate Sheet
Type of Sterilization	UV Germicidal Tube
Type of Illumination	White light
Noise	≤65 dB
Construction of Body	GI sheet powder coated
Air/Gas Cock Availability	Yes
Power Supply	220/230V AC

ORDERING DETAILS

Model No	Working Area (WxDxH)
LU141	3x2x2ft
LU142	4x2x2ft
LU143	6x2x2ft