PRODUCT OVERVIEW

BIOLOGICAL SAFETY CABINET

CLASS II A2 / FLOOR-STANDING / Floor-standing / LCD

70 / 30

% recirculation / filtered exhaust

0.53

m/s inflow

104.3 ft/min

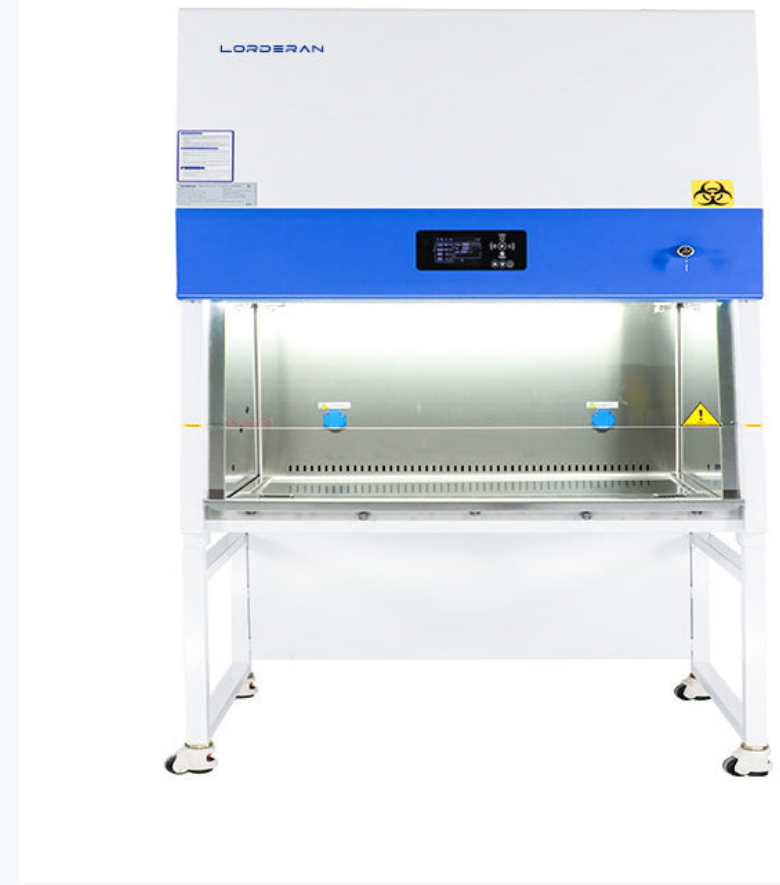
0.33

m/s downflow

65.0 ft/min

99.9995%

ULPA filtration at 0.12 µm



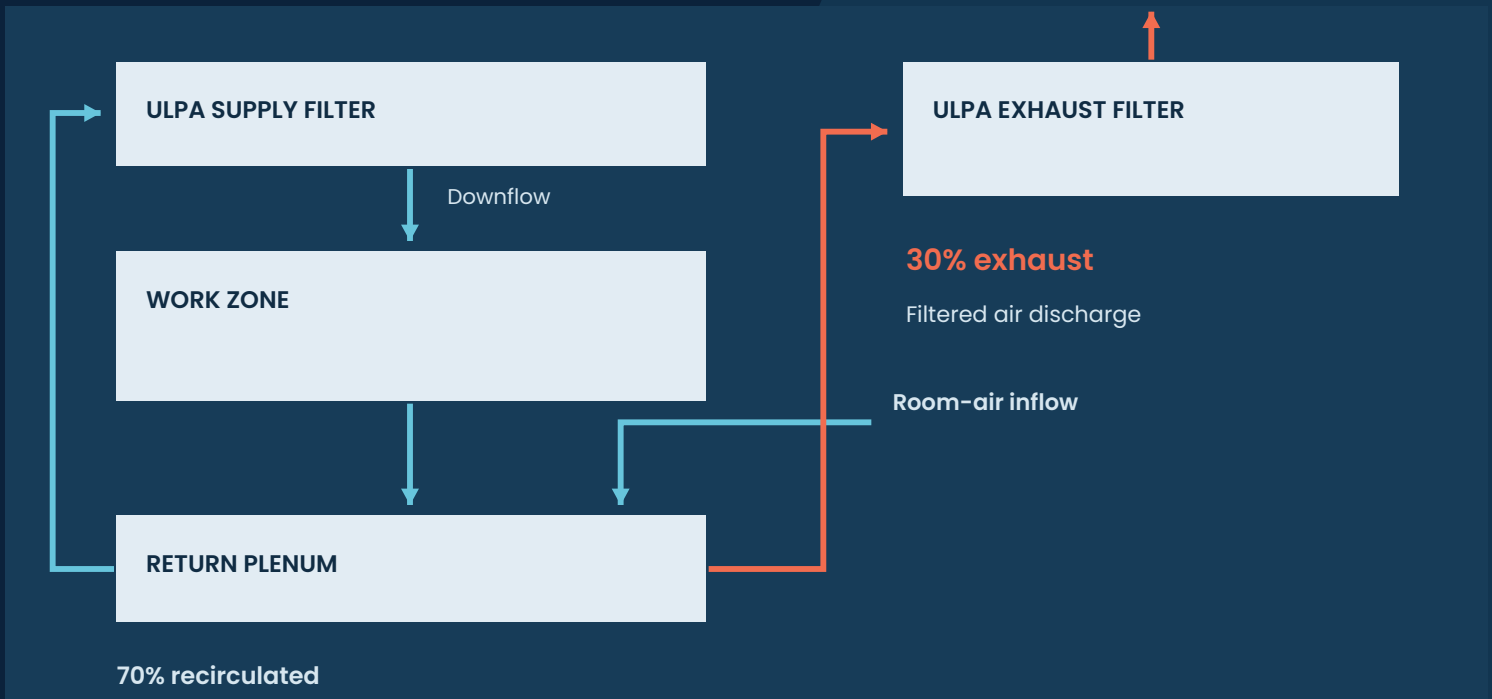
Class II A2 / X Series

Models: 1100IIA2-X, 1300IIA2-X, 1500IIA2-X, 1800IIA2-X

3-year warranty.

UNDERSTAND THE AIRFLOW

Filtered downflow, inward front airflow and exhaust filtration support operator, sample and environmental protection.



Monitor in real time

Monitor airflow, filter pressure, temperature, humidity, filter life and operating times at a glance.

Motorized front sash

Convenient motorized window movement for access to the work zone.

Audible / visual alerts

Warnings cover abnormal airflow, filter replacement and an unsafe sash height.

Interlocked functions

UV / sash, UV / lighting and blower / sash interlocks coordinate cabinet functions.

Motorized access, airflow monitoring and interlocked controls bring essential cabinet functions together for daily laboratory work.

DIMENSIONS & MODEL COMPARISON

SELECT THE RIGHT SIZE

Cabinet, work-zone and package dimensions in metric and US units. Dimension order: W × D × H.

Parameter	1100IIA2-X	1300IIA2-X	1500IIA2-X	1800IIA2-X
External dimensions	1100 × 755 × 2200 mm 43.31 × 29.72 × 86.61 in	1300 × 755 × 2200 mm 51.18 × 29.72 × 86.61 in	1500 × 755 × 2200 mm 59.06 × 29.72 × 86.61 in	1800 × 755 × 2200 mm 70.87 × 29.72 × 86.61 in
Internal dimensions	940 × 600 × 660 mm 37.01 × 23.62 × 25.98 in	1150 × 600 × 660 mm 45.28 × 23.62 × 25.98 in	1350 × 600 × 660 mm 53.15 × 23.62 × 25.98 in	1625 × 600 × 660 mm 63.98 × 23.62 × 25.98 in
Maximum opening	480mm 18.90 in	480mm 18.90 in	480mm 18.90 in	480mm 18.90 in
Gross weight	220 kg 485.0 lb	280 kg 617.3 lb	316 kg 696.7 lb	366 kg 806.9 lb
Package dimensions	1220 × 1000 × 1820 mm 48.03 × 39.37 × 71.65 in	1460 × 1000 × 1820 mm 57.48 × 39.37 × 71.65 in	1630 × 1000 × 1820 mm 64.17 × 39.37 × 71.65 in	1900 × 1000 × 1820 mm 74.80 × 39.37 × 71.65 in
Power consumption	600W	800W	1300W	1300W
Airflow volume	360m³/h 211.9 CFM	440m³/h 259.0 CFM	520m³/h 306.1 CFM	620m³/h 364.9 CFM

COMPARE INTERNAL WORKING WIDTHS



SPECIFY THE COMPLETE CONFIGURATION

Motorized front access, integrated monitoring and 110 V / 220 V power options.

Technical parameter	Specification
Tested operating opening	200mm 7.87 in
Inflow velocity	0.53±0.025 m/s 104.3 ±4.9 ft/min
Downflow velocity	0.33±0.025 m/s 65.0 ±4.9 ft/min
Front window	Motorized, Anti UV
Noise	≤67dB(A)
Waterproof outlets	Two, total load: 500W
Filtration	Two ULPA filters; 99.9995% efficiency at 0.12 μm.
Controller	LCD status display.
Supply options	110 V or 220 V variants. Select the configuration offered for the ordered model.

STANDARD ACCESSORIES

LED lamp × 2, UV lamp × 2, Base stand, Remote control, Foot switch, Drain valve, Waterproof sockets × 2

3-YEAR WARRANTY

ISO CLASS 3 WORK ZONE

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