PRODUCT OVERVIEW

BIOLOGICAL SAFETY CABINET

CLASS II B2 / TOTAL EXHAUST / Floor-standing / total exhaust

100%

Total exhaust / no recirculation

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



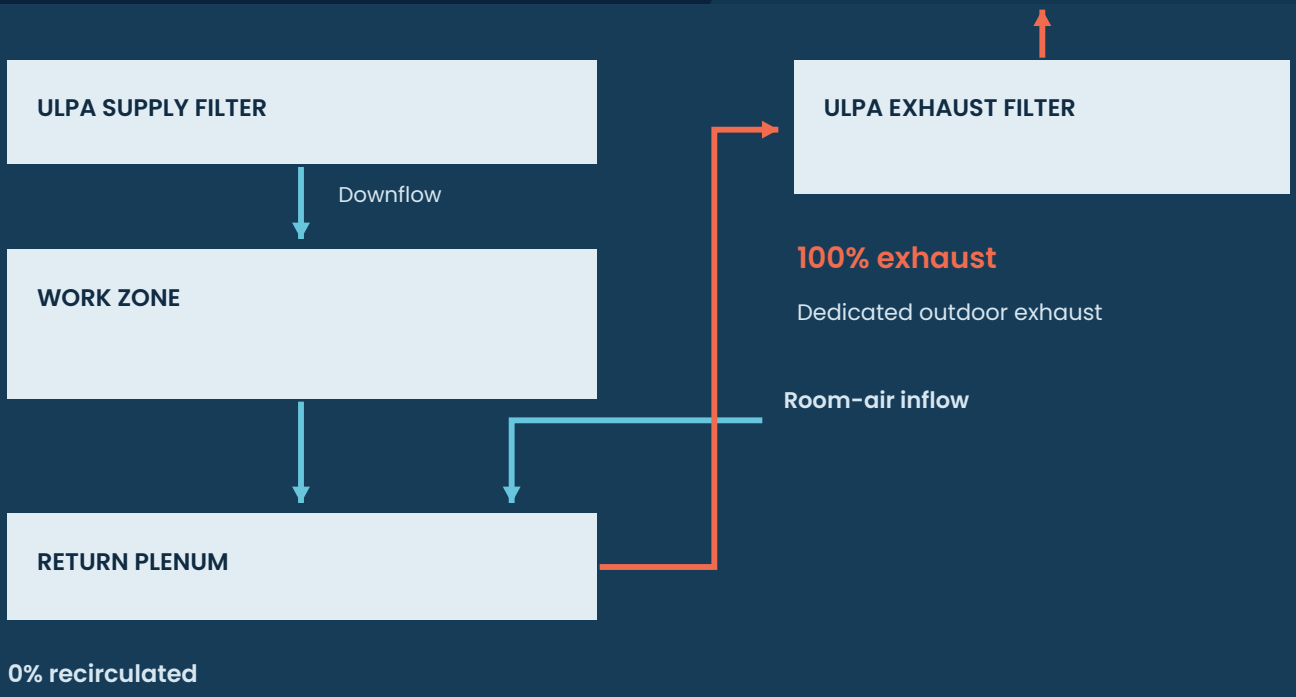
Class II B2 / X Series

Models: 1100IIB2-X, 1300IIB2-X, 1500IIB2-X, 1800IIB2-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.

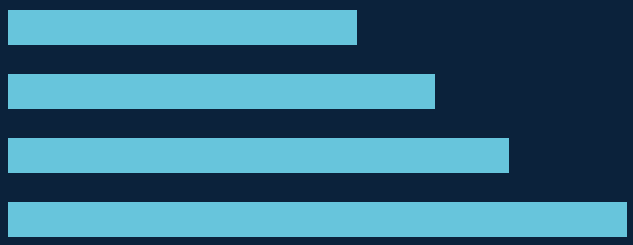
DIMENSIONS & MODEL COMPARISON

SELECT THE RIGHT SIZE

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

Parameter	1100IIB2-X	1300IIB2-X	1500IIB2-X	1800IIB2-X
External dimensions	1100 × 775 × 2250 mm 43.31 × 30.51 × 88.58 in	1300 × 775 × 2250 mm 51.18 × 30.51 × 88.58 in	1500 × 775 × 2250 mm 59.06 × 30.51 × 88.58 in	1800 × 775 × 2250 mm 70.87 × 30.51 × 88.58 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	1670 × 600 × 660 mm 65.75 × 23.62 × 25.98 in
Maximum opening	480 mm 18.90 in	480 mm 18.90 in	480 mm 18.90 in	480mm 18.90 in
Gross weight	240 kg 529.1 lb	280 kg 617.3 lb	300 kg 661.4 lb	408 kg 899.5 lb
Main-body package	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	1930 × 1000 × 1820 mm 75.98 × 39.37 × 71.65 in
Base cabinet package	970 × 810 × 630 mm 38.19 × 31.89 × 24.80 in	970 × 810 × 630 mm 38.19 × 31.89 × 24.80 in	970 × 810 × 630 mm 38.19 × 31.89 × 24.80 in	920 × 710 × 680 mm 36.22 × 27.95 × 26.77 in
Power consumption	600W	800W	1300W	1400W
Airflow volume	100%, 1050m³/h 618.0 CFM	100%, 1150m³/h 676.9 CFM	100%, 1270m³/h 747.5 CFM	100%, 1800m³/h 1059.4 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
Work surface height	750mm 29.53 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.
Exhaust duct	PVC duct, 4 m / 13.12 ft long; Ø300 mm / 11.81 in.

STANDARD ACCESSORIES

1100 / 1300 / 1500: LED lamps × 2, UV lamps × 2, base stand, remote control, foot switch, exhaust blower, exhaust duct, drain valve, waterproof outlets × 2, pipe straps × 2.
1800: LED lamps × 2, UV lamps × 2, base stand, remote control, foot switch, drain valve, waterproof outlets × 2.

3-YEAR WARRANTY

ISO CLASS 3 WORK ZONE