PRODUCT OVERVIEW

BIOLOGICAL SAFETY CABINET

CLASS II A2 / FLOOR-STANDING / Floor-standing / 7 in touchscreen

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



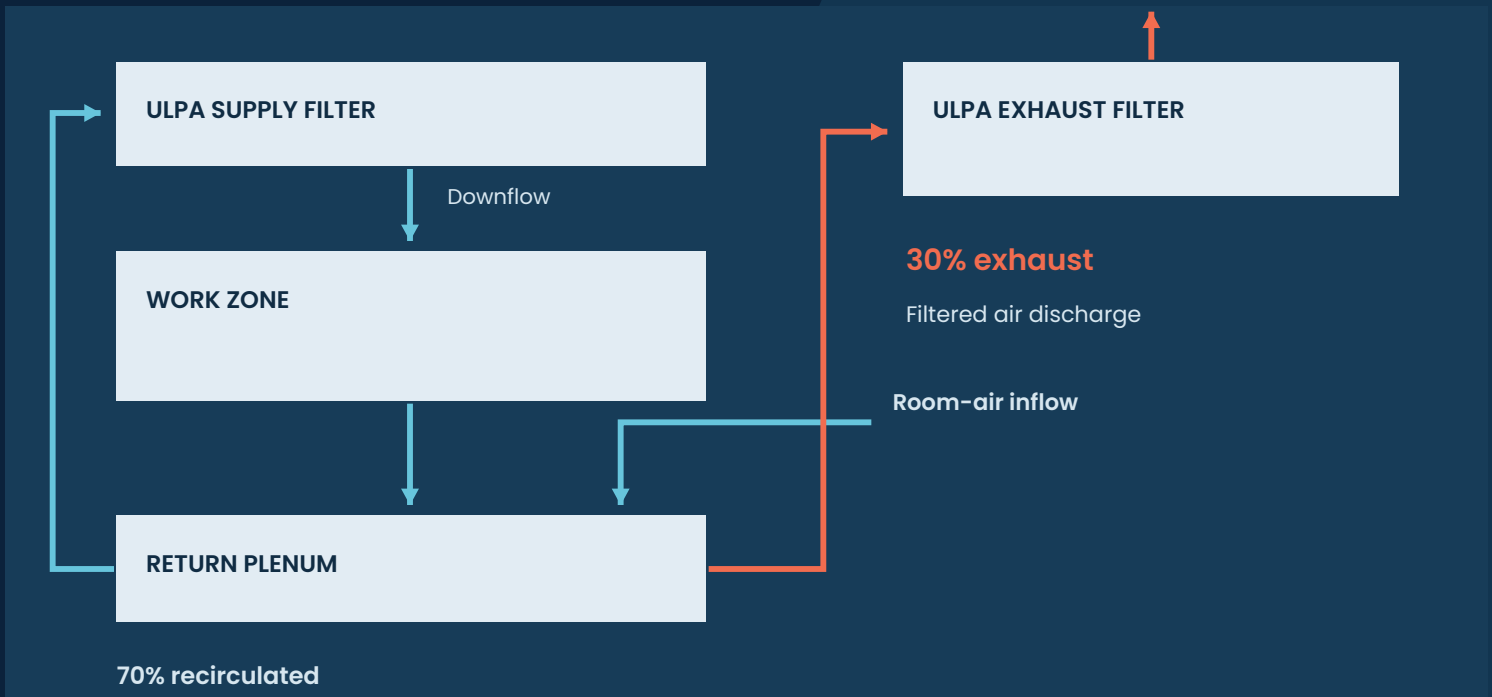
Class II A2 / Pro Series

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

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-Pro	1300IIA2-Pro	1500IIA2-Pro	1800IIA2-Pro
External dimensions	1100 × 750 × 2210 mm 43.31 × 29.53 × 87.01 in	1383 × 750 × 2310 mm 54.45 × 29.53 × 90.94 in	1500 × 760 × 2160 mm 59.06 × 29.92 × 85.04 in	1873 × 780 × 2310 mm 73.74 × 30.71 × 90.94 in
Internal dimensions	940 × 600 × 660 mm 37.01 × 23.62 × 25.98 in	1210 × 600 × 660 mm 47.64 × 23.62 × 25.98 in	1400 × 600 × 660 mm 55.12 × 23.62 × 25.98 in	1700 × 600 × 660 mm 66.93 × 23.62 × 25.98 in
Maximum opening	420mm 16.54 in	500mm 19.69 in	460mm 18.11 in	520mm 20.47 in
Gross weight	265 kg 584.2 lb	340 kg 749.6 lb	363 kg 800.3 lb	430 kg 948.0 lb
Package dimensions	1250 × 990 × 1770 mm 49.21 × 38.98 × 69.69 in	1540 × 1080 × 1910 mm 60.63 × 42.52 × 75.20 in	1640 × 980 × 1830 mm 64.57 × 38.58 × 72.05 in	2000 × 1075 × 1910 mm 78.74 × 42.32 × 75.20 in
Power consumption	600W	700W	1300W	1300W
Airflow volume	360m³/h 211.9 CFM	460m³/h 270.7 CFM	500m³/h 294.3 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	7 in / 177.8 mm touchscreen.
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