



CLASS II B2 BIOLOGICAL SAFETY CABINET BFN-10203

CLASS II BIOSAFETY CABINET BFN-10203

BIOLOGICAL SAFETY CABINET CLASS II TYPE B2



Single-fan structure design

The single-fan structure design, equipped with imported EBM fan, low failure rate, low noise, energy saving and environmental protection.

Filter life monitoring technology

The filter life can be visually displayed on the LCD screen; Equipped with ultra-high efficiency air filter (ULPA), the filtration efficiency $\geq 99.9995\%$ for particles $\geq 0.12\mu\text{m}$.

Dual probe breeze speed sensor

To measure real-time wind speed, a dual-probe wind speed sensor is used.

Fully split table design

Adopt a new split countertop design, which is smaller, lighter, more powerful, and easier to disinfect.

SPECIFICATIONS

Model	BFN-10203
Internal Size (W*D*H)	1550*575*625mm
External Size (W*D*H)	1640*790*2200mm (with Base Stand)
Nominal Size	1.5 m (5')
External Dimensions (inch)	64.6"x31.1"x86.6"
Internal Work Area Dimensions (inch)	61.0"x22.6"x24.6"
Internal Work Area Space	0.9 m ² (9.7 sq.ft)
Average Inflow Velocity	0.53±0.025 m/s (104.3±4.92 fpm)
Average Downflow Velocity	0.35±0.025 m/s (68.9±4.92 fpm)
Airflow Volume - Downflow	987 m ³ /h (581 cfm)
Airflow Volume - Exhaust	1579 m ³ /h (929 cfm)
Filter Efficiency - Downflow	ULPA, 99.9995% for 0.1-0.2 μm particles
Filter Efficiency - Exhaust	HEPA, 99.97% for 0.3 μm particles
Personnel Protection Test	KI-Discus containment and microbiological testing performed
Product Protection Test	≤ 5 CFU
Cross-contamination Test	≤ 2 CFU
Sound Emission - NSF/ANSI 49	≤ 65 dBA
Sound Emission - EN 12469	< 60 dBA
Fluorescent Light Intensity	≥ 650 Lux (≥ 60 foot candles)
Excellent Light Distribution	Yes
RMS	≤ 5 μm
Main Body	1.2 mm (0.05") steel with white oven-baked epoxy-polyester
Work Zone	1.5 mm (0.06") stainless steel, Type 304
Side Walls	1.5 mm (0.06") stainless steel, Type 304
Electrical Sliding Windows Option	N/A
Window Material	Hardened/Laminated safety glass
Cabinet Full Load Amp (FLA)	5 A
Fuses	10 A
Cabinet Nominal Power	1200 W
Optional Outlets FLA	5 A
Total Cabinet FLA	10 A

220 V / 50 Hz	Yes
220 V / 60 Hz	Yes
Net Weight - Manual Type	295 kg (650 lbs)
Shipping Weight - Manual Type	365 kg (804 lbs)
Shipping Dimensions Maximum (WxDxH)	1725x945x1710 mm
Shipping Dimensions (inch)	67.9"x37.2"x67.3"
Shipping Volume Maximum	2.79 m ³ (99 cu.ft.)
Alt Name	Biological Safety Cabinet Class II Type B2

FEATURES

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With UV lamp appointment function

The ultraviolet lamp can be set in advance according to different needs.



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