



CYTOTOXIC BIOLOGICAL SAFETY CABINET BFN-10402

CYTOTOXIC SAFETY CABINET BFN-10402

CYTOTOXIC BIOLOGICAL SAFETY CABINET



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-10402
Internal Size (W*D*H)	1550*650*600mm (61.0"x25.6"x23.6")
External Size (W*D*H)	1640*850*2190mm (64.6"x33.5"x86.2") with Base Stand
Nominal Size	1.5 meters (5')
Internal Work Area, Dimensions (WxDxH)	1550x650x600 mm (61.0"x25.6"x23.6")
Internal Work Area, Space	0.79 m ² (8.5 sq.ft)
Average Airflow Velocity - Inflow	0.53 m/s (104.3 fpm)
Average Airflow Velocity - Downflow	0.32 m/s (62.99 fpm)
Airflow Volume - Inflow	592 m ³ /h (348 cfm)
Airflow Volume - Downflow	1071 m ³ /h (630 cfm)
Airflow Volume - Exhaust	-
ULPA Filter Efficiency - Downflow	$\geq 99.9995\%$ @MPPS (ULPA)
ULPA Filter Efficiency - Exhaust	$\geq 99.9995\%$ @MPPS (ULPA)
HEPA Filter Efficiency - 1st V-shaped Filter	$\geq 99.9995\%$ @MPPS (HEPA)
1st V-shaped HEPA Filter No.	-
Personnel Protection Test	KI-Discus containment and microbiological testing is performed
Product Protection Test 1~8x10 ⁶ (three times in succession)	≤ 5 CFU
Cross-contamination Test 1~8x10 ⁶ (three times in succession)	≤ 2 CFU
Sound Emission	≤ 60 dBA (DIN 12980)
Fluorescent Light Intensity	≥ 800 Lux
Excellent Light Distribution	-
RMS	-
Main Body	1.2 mm (0.05") steel with white oven-baked epoxy-polyester
Work Zone	Stainless steel, type 304
Side Walls	Stainless steel, type 304
Window Material	Hardened/laminated safety glass
Front Aperture Opening Height	-
Backward-slanted Safety Glass Angle	-
Cabinet Full Load Amp (FLA)	-
Fuses (A)	-

Power Supply	1800 VA
Optional Outlets FLA	-
Total Cabinet FLA	-
220V/50Hz	Yes
220V/60Hz	-
110V/60Hz	-
Net Weight	390 kg (858 lbs)
Shipping Weight	-
Shipping Dimensions Maximum (WxDxH) - Box 1	-
Shipping Dimensions Maximum (WxDxH) - Box 2	-
Shipping Volume, Maximum - Box 1	-
Shipping Volume, Maximum - Box 2	-
Alt Name	Cytotoxic Biological Safety Cabinet

FEATURES

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.

With UV lamp appointment function

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



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada

Email: info@biolabscientific.com | Website: www.biolabscientific.com