



HEPA Filter Biological Safety Cabinet

Cat. No. Q5051

KEY FEATURES



More Clean Air



High Efficiency Fan



Uniform High Speed Airflow



PRODUCT INTRODUCTION

abm's HEPA Filter Biological Safety Cabinet uses a world-renowned ultra-efficient filter (with an efficiency of 99.9995%) to offer an unbeatable level of cleanliness. The foot height can be adjusted from 0 to 75mm to allow comfortable operation by the user. Its 6mm-thick tempered glass front

window blocks UV and resists shatter. This safety cabinet also utilizes a misuse chain protection system and associated audible and visual alarms to fully monitor abnormal conditions, ultimately providing full protection for the users. The cabinet is easy to clean, reliable, and convenient to use.

FEATURES



BENEFITS

- Package includes cabinet, manual, adjustable height stand, factory installed UV lamps, and one set of armrests
 - Exceptional ergonomics for a safe and comfortable environment
 - Outstanding energy efficiency for operational cost saving to reduce up to 75% cost over traditional BSC with AC motors
 - Pressure sensor filter monitoring measures total air flow across the working area
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CONTROL SYSTEM

Intelligent Alarms

- Monitors unusual status and alerts users with an automatic acousto-optic alarm
 - Alarm detection includes:
 - Low clearance alarm
 - Airflow fluctuation alarm (turns on when airflow exceeds 20%)
 - Improper door seal alarm
 - Alarm for filter blockage/damage/reached lifetime use
 - Alarm for improper opening of front window
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PRODUCT DESIGN



INTERIOR

- Stainless steel interior
- Negative pressure dual-side wall
- Easy to clean

HEPA/ULPA FILTRATION SYSTEM

- Clean and safe
- ULPA main filter with 99.9995% of 0.12 μm particles
- World famous HEPA exhaust filter with 99.9995% filtration efficiency of 0.12 micron particles
- Airflow Blocking Patent (patent No.:ZL200520125549.X)

OTHER FEATURES

Electrical leakage protection

- Highly sensitive switch makes the operating environment safer

High efficiency fan

- Independent high efficiency motor supplies air, compensate filter membrane etc. automatic pressure compensation, flow rate <10%

Uniform high speed airflow

- Uniform down draft, high speed inflow

SPECIFICATIONS



TECHNICAL DATA

Type: Class II, Type A2

ELECTRICAL DATA

Working Voltage and Frequency.....	110V±10%, 50±1 Hz
Power (VA).....	1300
Power of Blower (W).....	350
Airflow Circulation.....	220/50
Main Filter Typical Efficiency.....	ULPA, 99.9995%@0.12µm
Exhaust Filter Typical Efficiency.....	HEPA, 99.995%@0.3µm
Downflow Velocity (m/s).....	0.28
Inflow Velocity (m/s).....	0.55
Fluorescent Lamp Intensity (Lux).....	≥1100

DIMENSIONS

Net/Gross Weight.....	258/293(kg) 568.8/646.0(lbs)
Internal Dimensions (W*D*H).....	1167*610*680(mm) 45.9*24.0*26.8(in)
External Dimensions (W*D*H).....	1360*780*2200(mm) 53.5*30.7*86.6(in)
Packing Dimensions (W*D*H).....	1490*910*2180(mm) 58.7*35.8*85.8(in)
Supporter.....	75mm adjustable height
Container loads (20'/40'/40'H).....	7/16/16

FUNCTION

Alarm..... Sound and Flash

OTHER

Certificate..... SFDA/EN12469/CE

PRODUCT DETAILS



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CONTACT

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