



**Applied Biological Materials Inc.**

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## HEPA Filter Biosafety Cabinet, 4 ft

<b>Cat.No.</b>	<b>Unit</b>
Q5051	1

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<b>Cat. No.</b>	Q5051
<b>Name</b>	HEPA Filter Biosafety Cabinet, 4 ft
<b>Unit</b>	1
<b>Category</b>	Equipment and Lab Consumables
<b>Description</b>	<p><b>abm's</b> 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 height can be adjusted from 0 to 75 mm to allow comfortable operation by the user. Its 6 mm-thick tempered glass front window blocks UV and resists shatter. This safety cabinet also detects abnormal conditions and offers associated audible and visual alarms for full monitoring capabilities, ultimately providing full protection for the users. The cabinet is easy to clean, reliable, and convenient to use.</p>

### General Information

#### Digital Control System

Efficiency of Main Filter	ULPA, 99.9995% @ 0.12 $\mu$ m
Efficiency of Exhaust Filter	HEPA, 99.9995% @ 0.3 $\mu$ m
Exterior Dimensions (w x d x h):	1360 x 780 x 2220 mm
Interior Dimensions (w x d x h)	1167 x 610 x 680 mm
Net / Gross Weight	258 / 293 kg
Electrical Requirements	220 V, 50Hz
Power Requirements	1300 W

### Additional Specifications

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 Open Door but Closed Fan

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

Provent Protect Point

Airflow blocking patent (patent No.:ZL200520125549.X), Omnibearing protects users and sample.

Electrical Leakage Protection

Operation Environment Safety

Highly sensitive switch makes operation 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

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**Caution:** *This product is for research use only and is not intended for therapeutic or diagnostic applications.*

*Please contact a technical service representative for more information (1-866-757-2414).*