DUCTLESS FUME HOOD

DUCTLESS FUME HOOD BEM1BQ1

DUCTLESS PP FUME HOOD

1. The case is made of 8mmPP plate, with good finish and corrosion resistance.
2. The front window has 8°physiological incline, ergonomic design, larger viewing angle.
3. The front window is foldable acrylic window, and the lower acrylic window has the function of stopping at will.
4. Electronic control system with anti-overload, anti-shock and other functions, stable performance, long service life.
5. With power failure memory function, that is, when encountering a sudden power failure, power again can maintain
the working state before the power failure, convenient experimental operation.

SPECIFICATIONS

Model	BEM1BQ1
External Size	700*700*1100mm
Internal Size	680*606*688mm
Max Opening	640mm
Airflow Volume	230 m³h
Air Velocity	0.3~0.8m/s
Noise	≤65dB(A)
LED Lamp	15W
Illumination	≥400lx
Blower	Built-in centrifugal blower
Power Supply	220V, 50/60Hz
Consumption	150W
Material	Main Body: PP plate, thickness 8mmWork Table: Chemical resistant phenolic resin
Standard Accessory	Active carbon filter*2
Optional Accessory	Water tap, Gas tap, Water sink, Base stand, UV lamp, HEPA filter
Net Weight	67kg
Gross Weight	87kg
Package Size	820*820*1280mm
Alt Name	Ductless PP Fume Hood

DUCTLESS FUME HOOD BEM1BR1

DUCTLESS PP FUME HOOD

1. The case is made of 8mmPP plate, with good finish and corrosion resistance.
2. The front window has 8°physiological incline, ergonomic design, larger viewing angle.
3. The front window is foldable acrylic window, and the lower acrylic window has the function of stopping at will.
4. Electronic control system with anti-overload, anti-shock and other functions, stable performance, long service life.
5. With power failure memory function, that is, when encountering a sudden power failure, power again can maintain the working state before the power failure, convenient experimental operation.

SPECIFICATIONS

Model	BEM1BR1
External Size	1000*700*1100mm
Internal Size	980*606*688mm
Max Opening	640mm
Airflow Volume	230 m³h
Air Velocity	0.3~0.8m/s
Noise	≤65dB(A)
LED Lamp	15W
Illumination	≥400lx
Blower	Built-in centrifugal blower
Power Supply	220V, 50/60Hz
Consumption	150W
Material	Main Body: PP plate, thickness 8mmWork Table: Chemical resistant phenolic resin
Standard Accessory	Active carbon filter*2
Optional Accessory	Water tap, Gas tap, Water sink, Base stand, UV lamp, HEPA filter
Net Weight	85kg
Gross Weight	115kg
Package Size	1120*820*1280mm
Alt Name	Ductless PP Fume Hood

DUCTLESS FUME HOOD BEM1BU1 TO BEM1BU4

DUCTED FUME HOOD

LED Display, Airflow Level
Water & Gas Tap, Water Sink
Foot Switch, Use foot switch to adjust the height of front window.
Observation Window, Transparent side glass windows maximize light and visibility inside the cabinet.
Back Side Air Compensation, To aviod turbulence in work area
1. UV lamp for sterilization.
2. Motorized front glass window.
3. Resistant to weak acid and alkali.
4. Adjustable air speed: 9 levels.
5. Alarm when filter working time 3500 hours.
6. With memory function in case of power-failure.

SPECIFICATIONS

Model	BEM1BU1	BEM1BU2	BEM1BU3	BEM1BU4
Old Model	BFSD-205	BFSD-206	BFSD-207	BFSD-208
External Size (W*D*H)	1000*840*2150mm	1200*840*2150mm	1500*840*2150mm	1800*840*2150mm
Internal Size (W*D*H)	880"730*745mm	1080*730*745mm	1380*730*745mm	1680*730*745mm
Max Opening	520mm			
Work Surface Height	750mm			
Blower	Built-in centrifugal blower; Speed adjustable with 9 levels			
Air Velocity	0.3~0.8m/s.			
System Exhaust Volume	630m³/h	780m³/h	990m³/h	1210m³/h
Noise	≤68dB			
LED Lamp	8W*1	12W*1	16W*1	
UV Lamp	20WEmission of 253.7 nanometers for most efficient decontamination		30WEmission of 253.7 nanometers for most efficient decontamination	
Front Window	Motorized; 5 mm toughened glass, anti-UVExterior Body: Cold-rolled steel with anti-bacteria powder coating.LED Display			
Material	'Work table: Chemical resistant phenolic resin			
Waterproof Socket	1pc	2pcs		
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz			
Consumption	400W		500W	
Standard/Accessory	'Water tap, Gas tap, Water sink, Base stand, UV lamp*2, LED lamp,Socket, 4.3 meters exhaust duct, Active carbon filter, Foot switch			
Optional Accessory	HEPA Filter			
Gross Weight	230kg	253kg	290kg	340kg
Package Size(W*D*H)	1150*1120*1680mm	1350*1120*1680mm	1650*1120*1680mm	1950*1120*1680mm
Alt Name	Ducted Fume Hood			

FEATURES

LED Display, Airflow Level

Water & Gas Tap, Water Sink

Foot Switch, Use foot switch to adjust the height of front window.

Observation Window, Transparent side glass windows maximize light and visibility inside the cabinet.

Back Side Air Compensation, To aviod turbulence in work area

1. UV lamp for sterilization.
2. Motorized front glass window.
3. Resistant to weak acid and alkali.
4. Adjustable air speed: 9 levels.
5. Alarm when filter working time 3500 hours.
6. With memory function in case of power-failure.
7. Back side air compensation, to avoid turbulence in work area.
8. Slope front ergonomics design, fatigue-free working posture.
9. Microprocessor control system, LED display shows filter working time.
10. Transparent side glass windows maximize light and visibility inside the cabinet, providing a bright and open working environment.

DUCTLESS FUME HOOD BEM1BV1 TO BEM1BV4

DUCTLESS FUME HOOD

LCD Display, LCD Touch Screen Control Panel
Waterproof Socket
Water & Gas tap reserve mouth
Explosion-proof Fluorescent Lamp
Front Window, Front window reversal design
1. LCD Touch screen control panel, easy to operate.
2. With memory function in case of power-failure
3. 8°slope front ergonomics design, fatigue-free working posture.
4. Temperature and humidity sensors can detect indoor temperature and humidity.
5. Three side transparent Acrylic windows, front window reversal design, easy to operate.
6. The base cabinet is equipped with a middle partition.

SPECIFICATIONS

Model	BEM1BV1	BEM1BV2	BEM1BV3	BEM1BV4
Old Model	BFSD-501	BFSD-502	BFSD-503	BFSD-504
External Size (W*D*H)	1000*830*2140mm	1200*830*2140mm	1500*940*2140mm	1800%940*2140mm
Internal Size (W*D*H)	910*690*740mm	1110*690*740mm	1410*690*740mm	1710*690*740mm
Work Surface Height	900mm			
Max. Opening	650mm			
Air Velocity	0.4~0.6m/s			
Airflow Volume	136m³/h		432m³/h	547m³/h
Noise	≤58dB(A)			
Fluorescent Lamp	12W*2		12W*3	
UV Lamp (Optional)	Emission of 253.7 nanometers for most efficient decontamination			
Blower	Built-in centrifugal blower, speed adjustable			
Front Window	Acrylic window; Manual; reversal design			
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz			
Consumption	400W		500W	
Material Exterior	Cold-rolled steel with anti-bacteria powder coating			
Material Side Window	Acrylic Window			
Material Work Table	Chemical resistant phenolic resin			
Chemical Filter	2pcs		4pcs	
Standard Accessory	Fluorescent Lamp, Base cabinet Total load of 2 waterproof sockets: 500W; Chemical Filter			
Optional Accessory	Water tap, Gas tap, Water sink, Electric height adjustable base stand,HEPA Filter, UV Lamp			
Gross Weight	290kg	310kg	380kg	410kg
Package size Main Body	1140*1040*1490mm	1350*1040*1490mm	1650*1110*1490mm	1950*1110*1490mm
Package Size Base Cabinet	1140*1040*1060mm	1350*1040*1060mm	1650*1110*1060mm	1950*1110*1060mm
Alt Name	Ductless Fume Hood			

BEM1BV1 BEM1BV2   BEM1BV3 BEM1BV4

FEATURES

LCD Display, LCD Touch Screen Control Panel

Waterproof Socket

Water & Gas tap reserve mouth

Explosion-proof Fluorescent Lamp

Front Window, Front window reversal design

1. LCD Touch screen control panel, easy to operate.
2. With memory function in case of power-failure
3. 8°slope front ergonomics design, fatigue-free working posture.
4. Temperature and humidity sensors can detect indoor temperature and humidity.
5. Three side transparent Acrylic windows, front window reversal design, easy to operate.

6. The base cabinet is equipped with a middle partition.

7. Electronic control system, anti-overload, anti-electric shock, stable performance, long service life.

8. Inside and outside probe, detect indoor air pollution and filter conditions. Audible and visual alarm for changing filter.

DUCTLESS FUME HOOD BEM1BW1

DUCTLESS FUME HOOD

5 inch Touch Screen
Oil Proof Explosion, Proof Light
Waterproof Socket
Marble Countertops
1. It meets the acceptance criteria of the platform and can meet the accuracy of the balance use level of one hundred thousand.
2. LCD Touch screen control panel, easy to operate.
3. With memory function in case of power-failure
4. 8°slope front ergonomics design, fatigue-free working posture.
5. Temperature and humidity sensors, can detect indoor temperature and humidity.
6. Inside and outside probe,detect indoor air pollution and filter conditions.
7. Three side transparent Acrylic windows, front window reversal design,easy to

SPECIFICATIONS

Model	BEM1BW1
External Size(W*D*H)	1230*830*2120mm
Instrument Size(W*D*H)	1110*740*700mm
Work Surface Height	880mm
Max Opening	650mm
Air Velocity	0.25~0.35m/s.
Airflow Volume	136m³/h
Noise	≤58dB(A)
Fluorescent Lamp	12W*2
Blower	Built-in blower
Front Window	Acrylic window ;Manual;Reversal design
Consumption	400w
Power Supply	AC220V±10%, 50Hz/60Hz; 110V±10%, 60Hz
Material Exterior	1.0mm cold rolled steel sheet, electrostatic spraying
Material Side Window	Acrylic window
Material Work table	Marble countertops
HEPA Filter	1 pcs
Optional Accessory	UV lamp
Net/Gross Weight	270/320kg
Package Size Main Body	1380*1040*1490mm
Package Size Base Cabinet	1380*1040*1060mm
Alt Name	Ductless Fume Hood

FEATURES

5 inch Touch Screen

Oil Proof Explosion, Proof Light

Waterproof Socket

Marble Countertops

1. It meets the acceptance criteria of the platform and can meet the accuracy of the balance use level of one hundred thousand.
2. LCD Touch screen control panel, easy to operate.
3. With memory function in case of power-failure
4. 8°slope front ergonomics design, fatigue-free working posture.
5. Temperature and humidity sensors, can detect indoor temperature and humidity.
6. Inside and outside probe,detect indoor air pollution and filter conditions.
7. Three side transparent Acrylic windows, front window reversal design,easy to operate.
8. The operating area countertop adopts marble countertop, which can be disassembled for easy cleaning.
9. Electronic control system, anti-overload, anti-electric shock,stable performance, long service life.

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