



DUCTED FUME HOOD

DUCTED FUME HOOD BEM1BN1

DUCTED FUME HOOD



Fume hood : Negative pressure in work area protects operator and environment.

Air Flow Pattern:

LED Display, Digital LED display: Airflow Level

Folding acrylic front window, down part with free stop function

Three Side Glass Windows, Back&Side glass windows maximize light and visibility, providing a bright and open 'working environment

Base Stand, Optional

1. Folding acrylic front window, down part with free stop function.

2. Microprocessor control system, LED display.

3. With memory function in case of power-failure.

4. Built-in centrifugal blower.

5. Interlock function: UV lamp and blower, LED lamp. (Only for choosing UV lamp)

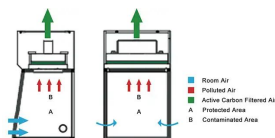
SPECIFICATIONS

Model	BEM1BN1
Old Model	BFSD-601
External Size(W*D*H)	700*620*1150mm
Internal Size(W*D*H)	640*550*700mm
Max Opening	660mm
Air Velocity	0.3~0.8m/s
Noise	≤65dB
LED Lamp	4w*2
Blower	Built-in centrifugal blower; Speed adjustable
Front Window	Folding acrylic window, down part with free stop function
Material Main Body	1.0mm cold-rolled steel with bacteria power coating
Material Work Table	Chemical resistant phenolic resin
Material Back&Side Windows	5mm toughened glass
Consumption	200W
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz
Standard Accessory	LED lamp, Active carbon filter, Blower, 4.3 meters PVC exhaust duct, Pipe strap
Optional Accessory	15W UV lamp, HEPA filter, Base stand
Gross Weight without Base Stand	100kg
Gross Weight with Base Stand	115kg
Package Size without Base Stand (W*D*H)	840*760*1400mm
Package Size with Base Stand (W*D*H)	840*960*1400mm
Alt Name	Ducted Fume Hood

FEATURES

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4. Built-in centrifugal blower.
5. Interlock function: UV lamp and blower, LED lamp. (Only for choosing UV lamp).

Note: Experiments with strong acids and alkali, flammable or explosive substances cannot be conducted with this type fume hood.

DUCTED FUME HOOD BEM1BO1 TO BEM1BO4

DUCTED FUME HOOD



LED Display, Digital LED display: Airflow Level

Waterproof Socket

Universal Wheel

Water Remote Controi

Water Tap

Water Tap & Water Sink

1. Adjustable air speed: 9 levels.

2. Microprocessor control system, LED display.

3. Resistant to moderate acid and alkali.

4. With memory function in case of power-failure.

5. Manual front glass window, height adjustable.

6. Built-in PP centrifugal blower; low noise, easy installation.

SPECIFICATIONS

Model	BEM1B01	BEM1B02	BEM1B03	BEM1B04
Old Model	BFSD-301	BFSD-302	BFSD-303	BFSD-304
External Size(W*D*H)	1000*800*2515mm	1200*800*2515mm	1500*800*2515mm	1800*800*2515mm
Internal Size(W*D*H)	790*600*870mm	990 *600*870mm	1290*600*870mm	1590*600*870mm
Work Surface Height	900mm			
Max Opening	750mm			
Air Velocity	0.3~0.8m/s			
System Exhaust Volume	570m³/h	710m³/h	930m³/h	1140m³/h
Noise	≤68dB			
Exhaust Duct	PVC,Standard length;4.3 meters,Φ300mm			
Pipe Strap	2 pcs			
LED Lamp	20W *1		40W *1	
Blower	Built-in PP centrifugal blower			
Front Window	Manual, 5mm toughened glass, height adjustable			
Power Supply	220V±10%, 60/50Hz; 110V±10%, 60Hz			
Consumption	400W		500W	
Material Exterior	1.0mm cold-rolled steel with bacteria power coating.			
Material Interior	Compact laminate board with good acid and alkali resistance function			
Material Work table	Chemical resistant phenolic resin			
Standard Accessory	PP Water sink, Total load of 2 waterproof sockets: 500w,Base cabinet, Water tap,4 meters Exhaust duct(9300mm).			
Optional Accessory	Air supply flow control valve, gas faucet.			
Gross Weight	270kg	305kg	335kg	365kg
Package Main Body	1140*940*1900mm	1340*940*1900mm	1640*940*1900mm	1940*940*1900mm
Package Base Cabinet	1140*940*1050mm	1340*940*1050mm	1640*940*1050mm	1940*940*1050mm
Alt Name	Ducted Fume Hood			

FEATURES

LED Display, Digital LED display: Airflow Level



Waterproof Socket



Universal Wheel



Water Remote Control



Water Tap



Water Tap & Water Sink



1. Adjustable air speed: 9 levels.
2. Microprocessor control system, LED display.
3. Resistant to moderate acid and alkali.

4. With memory function in case of power-failure.
5. Manual front glass window, height adjustable.
6. Built-in PP centrifugal blower; low noise, easy installation.

DUCTED FUME HOOD BEM1BP1 TO BEM1BP4

DUCTED FUME HOOD



- LED Display
Waterproof Socket
Water&Gas Remote Control
Double Layer, 1.2mm sheet metal surface, melamine board inward.
1. UV lamp for sterilization.
 2. resistant to weak acid and alkali.
 3. Adjustable air speed: 9 levels.
 4. Motorized front window, height adjustable.
 5. Microprocessor control system, LED display.
 6. With memory function in case of power-failure.

SPECIFICATIONS

Model	BEM1BP1	BEM1BP2	BEM1BP3	BEM1BP4
Old Model	BFSD-201	BFSD-202	BFSD-203	BFSD-204
External Size (W*D*H)	1040*800*2200mm	1240*800*2200mm	1540*800*2200mm	1840*800*2200mm
Internal Size (W*D*H)	820*670*730mm	1020*670*730mm	1320*670*730mm	1620*670*730mm
Work Surface Height	850mm			
Max Opening	520mm			
Air Velocity	0.3~0.8m/s.			
Noise	≤68dB			
Exhaust Duct	PVC, Standard length: 4 meters.Φ300mm			
LED Lamp	8W*1	12W*1	16W*1	
UV Lamp	Emission of 253.7 nanometers for most efficient decontamination			
Blower	Built-in centrifugal blower; Speed adjustable			
Front Window	5mm toughened glass; Motorized; Height adjustable			
Power Supply	AC220±10%, 50/60Hz; 110V±10%, 60Hz			
Consumption	400W		500W	
Material Exterior	Cold-rolled steel with anti-bacteria powder coating.			
Material Interior	'Compact laminate board with good acid and alkali resistance function			
Material Work Table	Chemical resistant phenolic resin			
Standard Accessories	UV lamp*2, LED lamp, Water tap, Gas tap, Water sink, Base cabinetTotal load of 2 waterproof sockets: 500W4.3 meter PVC exhaust duct, pipe strap*2			
Optional Accessory	Active carbon filter, HEPA filter			
Gross Weight	286kg	317kg	350kg	400kg
Package Main Body	1190*990*1690 mm	1390*990*1690 mm	1690*990*1690mm	1990*990*1690mm
Package Base Cabinet	1190*990*900mm	1390*990*900mm	1690*990*900mm	1990*990*900mm

FEATURES

LED Display



Waterproof Socket



Water&Gas Remote Control



Double Layer, 1.2mm sheet metal surface, melamine board inward.



1. UV lamp for sterilization.
2. resistant to weak acid and alkali.
3. Adjustable air speed: 9 levels.
4. Motorized front window, height adjustable.
5. Microprocessor control system, LED display.
6. With memory function in case of power-failure.

DUCTED FUME HOOD BEM1BS1 TO BEM1BS4

DUCTED PP FUME HOOD



- LED Display
- Waterproof Socket
- Water&Gas Remote Control
- PP Sink, resistant to acid, alkali and anti-corrosion
- 1. It is safer to use anti-corrosive water tap.
- 2. Microprocessor control system, LED display.
- 3. With memory function in case of power-failure.
- 4. Made of porcelain white PP, resistant to acid, alkali and anti-corrosion.
- 5. Front window which is made of 5mm thick transparent toughened glass maximize light and visibility inside the fume hood, providing a bright and open working environment.

SPECIFICATIONS

Model	BEM1BS1	BEM1BS2	BEM1BS3	BEM1BS4
Old Model	BFSD-401	BFSD-402	BFSD-403	BFSD-404
External Size (W*D*H)	1047*800*2450mm	1247*800*2450mm	1547*800*2450mm	1847*800*2450 mm
Internal Size (W*D*H)	787*560*700mm	987*560*700mm	1287*560*700mm	1587*560*700 mm
'Work Surface Height	820mm			
Max Opening	740mm			
Air Velocity	0.3~0.8m/s			
Noise	≤68dB			
Exhaust Duct	4.3 meters, φ250mm			
LED Lamp	12w*2		22w*2	18w*2
Blower	Built-in PP centrifugal blower (2 blowers for FH1800(P) only); Speed adjustable			
Front Window	Resistant to acid and alkali, Manual, 5Smm toughened glass, height adjustable			
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz			
Consumption	400W		500W	700W
Material Main Body	Made of Porcelain white PP, thickness 8mm, resistant to strong acid, alkali and anti-corrosion			
Material Work Table	Chenmical resistant phenolic resin			
Standard Accessory	LED light;Work table:Chemical resistant phenolic resin; 4.3 meters PVC duct (2 Pcs of 4.3 meters PVC duct for FH1800(P) only), Diameter: 250mm;Pipe strap*2(4 Pcs for FH1800(P) only); RVV power cord (3*1.0mm?*3000mm); Base cabinet; Waterproof socket*2; Tail insert;Water tap(PP); Gas tap(PP); Water Sink;PP centrifugal blower*1(2 for FH1800(P)			
Gross weight Main Body	137kg	155kg	180kg	206kg

Gross weight Base Cabinet	89kg or 80kg(Spllicable)	99kg or 90kg(Spllicable)	114kg or 102kg(Spllicable)	140kg
Package Size (W*D*H) Main Body	1188*938*1612mm	1388*938*1612mm	1688*938*1612mm	1988*938*1612mm
Package Size (W*D*H) Base Cabinet	1188*888*1000mm or 1200*1000*450mm(Spllicable)	1388*888*1000mm or 1400*1000*450mm(Spllicable)	1688*888*1000mm or 1700*1000*450mm(Spllicable)	1988*888*1000mm
Alt Name	Ducted PP Fume Hood			

FEATURES

LED Display



Waterproof Socket



Water&Gas Remote Control



PP Sink, resistant to acid, alkali and anti-corrosion



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