Bio Safety Cabinet Class II Type A2 is suitable for work with Microbiological research in the absence of volatile or toxic chemicals and radio nuclide.
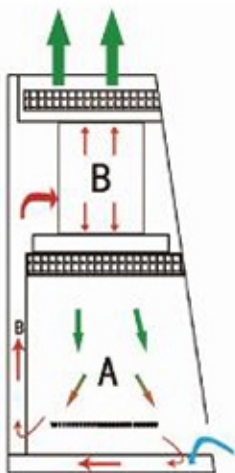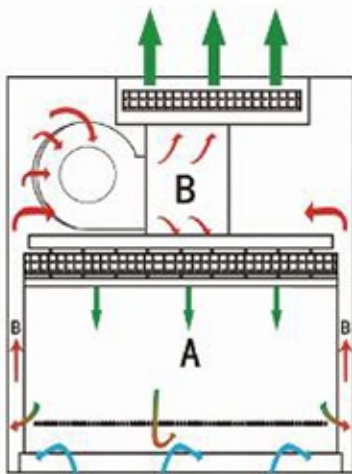
AIR FLOW SYSTEM

Airflow system: 70% air recirculation, 30% air exhaust

- ■ Room Air
- ■ Contaminated Work Chamber Air
- ■ HEPA Filtered Air
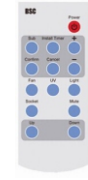- A Protected Area
- B Un-Protected Area

LARGE LCD DISPLAY

Large digital display is easy to monitor all the safety parameters at a glance and ergonomically sized control panel improves user interface.

REMOTE CONTROL

All functions can be realized with it, making the operation much easier and more convenient.

WORK ZONE
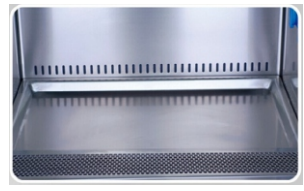
Work zone, made of 304 stainless steel, is surrounded by negative pressure.

FRONT WINDOW
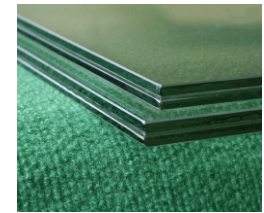
Two-layer laminated toughened glass>5mm, anti UV protection.

UV LAMP

Emission of 253.7 nanometers for most efficient decontamination.

FOOT MASTER CASTER

Universal caster with brake and leveling feet.

FOOT SWITCH

Adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement.

WATER PROOF SOCKET

2 waterproof sockets are located in the side panel for optimum convenience of using small devices inside the cabinet.

AIR VENT

Only For 212-1100 and 212-1500

ADVANTAGES

- Motorized Front Window.
- Time Reserve Function.
- HEPA Filter life and UV Life indicator.
- Automatic air speed adjustable with filter block
- With memory function in case of power-failure.
- Work area surrounded by negative pressure, it can ensure maximum safety in work area.
- Audio and visual alarm (Filter replacement, Front window at unsafe height, abnormal Air flow velocity etc).
- Most accessories are standard. No need to pay more, save your money.
- Remote Control : All functions can be realized with it, making the operation much easier and more convenient.
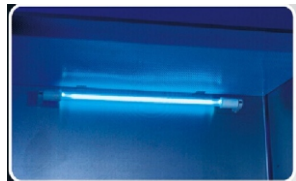- Foot Switch : Adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement.
- Interlock Function: UV lamp and front window; UV lamp and blower, LED lamp; Blower and front window.

SPECIFICATIONS

Model No.	212-1100	212-1300	212-1500	212-1800	212-2000
External Size (WxDxH)	1100x750x2250 mm	1300x750x2250 mm	1500x750x2250 mm	1873x775x2290 mm	1950x800x2170 mm
Internal Size (WxDxH)	940x600x660 mm	1150x600x660 mm	1350x600x660 mm	1700x600x660 mm	1800x600x660 mm
Tested Opening	Safety Height = 200 mm(8")				
Max Opening	420mm(17'')		500mm(20'')	550mm(22'')	400mm(16'')
Inflow Velocity	0.53±0.025 m/s				
Downflow Velocity	0.33±0.025 m/s				
HEPA Filter	Two, 99.999% efficient at 0.3 um. Filter life indicator				
Front Window	Motorized. Two-layer laminated toughened glass ≥ 5mm. Anti UV.				
Noise	En12469 ≤ 58 dB / NSF49 ≤ 61 dB				
UV Lamp	30Wx1		40Wx 1		
UV Details	UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination.				
Illuminating Lamp	LED Lamp				
	12Wx2		16Wx2		
Illumination	≥1000Lux				
Consumption	760W	800W	900W		1500W
Waterproof Sockets	Two, total load of two sockets: 500W				
Display	LCD display: exhaust filter and downflow filter pressure, filter and UV lamp working time, inflow and downflow velocity, filter life, humidity and temperature, system working time etc.				
Control System	Microprocessor				
Airflow System	70% air recirculation, 30% air exhaust				
Visual and audio alarm	Filter replacement, front window at unsafe height, abnormal airflow velocity.				
Material	Work Zone: 304 stainless steel				
Main Body:	Cold-rolled steel with anti-bacteria powder coating.				
Work Surface Height	750mm				
Caster	Footmaster caster				
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz				
Standard Accessory	LED lamp, UV lampx2, Base stand, Remote control, Foot switch, Drain valve, Waterproof socketsx2				
Optional Accessory	Water and gas tap, Electric height adjustable base stand.				
Gross Weight	243kg	280kg	316kg	395kg	420kg
Package Size (WxDxH)	1220× 1000× 1840 mm	1460x1050x1800 mm	1630x1000x1820 mm	2000x950x1820 mm	2090x1050x1860 mm