NSF
CE
ISO 9001
ISO 13485
MET
SGS

## NSF Certified Class II A2 Biological Safety Cabinet


LCD display for BSC-3FA2-GL(3')


LCD display for BSC-3FA2-NA (3')


LCD display for BSC-4FA2(4'), BSC-4FA2-GL(4') and BSC-6FA2-GL(6')


LCD display for BSC-4FA2-NA (4') and BSC-6FA2-NA(6')

### LCD Display
Large LCD display is easy to monitor all the safety parameters at a glance; and ergonomically sized control panel improves users interface.
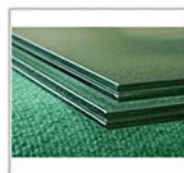

Exhaust Thimble canopy(Optional)


Stainless Steel I.V. Bar with 10 hooks


**Front Window**
Two-layer laminated toughened glass >6mm, Anti UV


**SS Water Tap &Gas Tap**


**Work Zone**
Unibody design


**Footmaster Caster**
Universal caster with brake and leveling feet.


**Waterproof Socket**
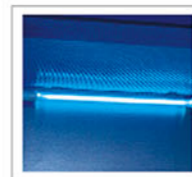

**UV Lamp**
Emission of 253.7 nanometers for most efficient decontamination.

## ADVANTAGE

1. Motorized front window.
2. Large LCD display, all information displayed.
3. Automatic air speed adjustable with filter block.
4. With memory function in case of power-failure.
5. Side & back wall is made up of single piece stainless steel.
6. Interlock function: UV lamp and front window; UV lamp and blower, fluorescent lamp; Blower and front window.
7. Front 10°slanted to offer operator comfort while working for long time, reduce glare and maximize reach into the work area.

## TECHNICAL PARAMETERS

| Model | BSC-4FA2(4') | BSC-3FA2-GL(3') BSC-3FA2-NA(3') | BSC-4FA2-GL(4') BSC-4FA2-NA(4') | BSC-6FA2-GL(6') BSC-6FA2-NA(6') |
|---|---|---|---|---|
| External Size(W*D*H) | 1383*775*2295mm | 1087*775*2265 mm | 1383*775*2295mm | 1873*775*2295mm |
| Internal Size(W*D*H) | 1210*600*660 mm | 910*600*660 mm | 1210*600*660 mm | 1700*600*660 mm |
| Work Surface Height | 750mm with optional base stand | | | |
| Max Opening | 550mm (22'') | 520mm(20.5'') | 550mm (22'') | 550mm (22'') |
| Tested Opening | Safety height 200mm (8'') | Safety height 254mm (10'') | | |
| Airflow Volume — Inflow | 462m³/h (272cfm) | 445m³/h(259cfm) | 587m³/h(346cfm) | 824m³/h(485cfm) |
| Airflow Volume — Downflow | 65%: 863m³/h (507cfm) | 60%: 649m³/h(382cfm) | 60%: 863m³/h(507cfm) | 60%: 1212m³/h(713cfm) |
| Airflow Volume — Exhaust | 35%: 462m³/h (272cfm) | 40%:445m³/h(259cfm) | 40%: 587m³/h(346cfm) | 40%: 824m³/h(485cfm) |
| Front Window | Motorized. Two-layer laminated toughened glass ≥6mm. Anti UV. | | | |
| HEPA Filter | Two, 99.995% efficiency at 0.3μm, filter life indicator. | | | |
| Filter Guard Type | Aluminum alloy frame, glass fiber filter paper | | | |
| Noise | NSF 49≤67dB | | | |
| Illumination | ≥1000Lux | | | |
| Display | LCD Display | | | |
| Waterproof Socket | Two, Total consumption: ≤500W | | | |
| Tap | Water tap*1, Gas tap *1 | | | |
| Ground Resistance | ≤ 0.10Ω | | | |
| Power Supply | AC230V, 50/60Hz; AC115V, 60Hz, Full load Amps: 9A, BTU/Hr: 1689 | | | |
| Consumption | 500W | 400W | 500W | 700W |
| Alarm | Abnormal airflow velocity; Filter replacement; Front window at unsafe height; High filter pressure alarm | | | |
| DC Motor | One ECM motor, 115V& 230V acceptable, Speed adjustable, high efficiency and low power consumption | | | |
| Material | Working area: 304stainless steel Frame and Decorative Plate: cold-rolled steel with anti-bacteria power coating | | | |
| UV Lamp | 30W | 20W | 30W | 40W |
| | Germicidal UV lamp, Emission of 253.7 nanometers for most efficient decontamination | | | |
| Illuminating Lamp | 18W*2 | 10W*2 | 18W*2 | 22W*2 |
| | LED lamp | | | |
| Standard Accessory | LED lamp*2, UV lamp*1, Base stand, SS water tap*1, SS gas tap*1, Drain valve, Waterproof sockets*2, Stainless Steel IV Bar with 10 hooks | | | |
| Optional Accessory | Armrest, Airflow tester, Formalin fumigation sterilizer,Infrared sterilizer, Electric height adjustable base stand, Remote control | | | |
| Package Size (W*D*H) | 1540*1080*1900mm | 1240*1060*1900mm | 1540*1080*1900mm | 2020*1080*1900mm |
| Gross Weight | 340kg | 270kg | 340kg | 370kg |