



NSF Certified
Class II B2
Biological Safety
Cabinet



Display for BSC-4FB2-NA



Display for BSC-4FB2-GL

Color Touch Screen
Touch operation, real-time and clearer display of various values and appointment timing function.



Wind Speed Sensor



Work Zone

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



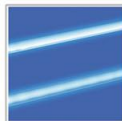
Remote Control

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



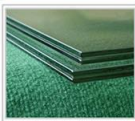
Footmaster Caster

Universal caster with brake and leveling feet



UV Lamp

Emission of 253.7 nanometers for most efficient decontamination.



Front Window

Two-layer laminated toughened glass >6mm, anti UV



Waterproof Socket

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

ADVANTAGE

1. Motorized front window.
2. 7-inch large touch color display: touch operation, real-time and clearer display of various values of the safety cabinet, dynamic air flow pattern diagram, fault alarm sound and light prompt.
3. The power-on password can be set to prevent mis-operation by irrelevant personnel.
2. EC Fan, automatically adjust the wind speed.
3. With power-off memory function, the state before power-off will be restored after power-on and there will be visual prompts and alarms.
4. The integrated design of the operation area makes it easy to disassemble and clean.
5. The cabinet is separated from the base. The height of the adjustable base can be customized.
6. Interlocking function: UV lamp and front window; UV lamp and fan; fan and front window.
7. It has the function of appointment timing, which can automatically set the time of starting and shutting down the safety cabinet and the running time of ultraviolet lamps, fan and sockets.
8. The front window closes the trigger signal, so that the sterilization and disinfection function of the ultraviolet lamp is normally turned on.
9. The one-piece hand resting surface has a larger contact area with the arm and is more comfortable. air speed adjustable with filter block.

TECHNICAL PARAMETERS

| Model | BSC-4FB2-NA | BSC-4FB2-GL |
|------------------------|--|-------------|
| External Size(W*D*H) | 1383*775*2250mm | |
| Internal Size(W*D*H) | 1210*600*660 mm | |
| Tested Opening | Safety height 200mm (8") | |
| Max Opening | 470mm | |
| Exhaust Airflow Volume | 100%: 1320m ³ /h(776cfm) | |
| Front Window | Motorized, Two-layer laminated toughened glass ≥6mm. Anti UV | |
| ULPA Filter | Two, 99.9995% efficiency at 0.12μm, filter life indicator | |
| Filter Guard Type | Aluminum alloy frame | |
| Noise | NSF 49s67 dB/EN 12469s65dB | |
| Illumination | ≥1000Lux | |
| Display | Color Touch Screen | |
| Waterproof Socket | 2, Total consumption: ≤500W | |
| Tap | Water tap*1, Gas tap *1 | |
| Ground Resistance | ≤ 0.10Ω | |
| Power Supply | AC230V, 50Hz; 115V, 60Hz, Full load Amps: 9A, BTU/Hr: 1689 | |
| Consumption | 400w | |
| Alarm | Abnormal airflow velocity; Filter replacement; Front window at unsafe height. | |
| Motor | EC 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 Germicidal UV lamp, Emission of 253.7 nanometers for most efficient decontamination | |
| Illuminating Lamp | 20W*2 LED lamp | |
| Standard Accessory | LED lamp*2, UV lamp*2, Base stand, SS water tap*1, SS gas tap*1, Drain valve, Waterproof sockets*2, Stainless Steel IV Bar with 10 hooks, Remote control | |
| Optional Accessory | Armrest, Airflow tester, Formalin fumigation sterilizer, Infrared sterilizer, Electric height adjustable base stand, exhaust duct | |
| Package Size (W*D*H) | 1540*1080*1900mm | |
| Gross Weight | 340kg | |

Note: Customers need to prepare an external exhaust fan or exhaust system by themselves.