

4.1.5 Technical parameters

Parameters Model	BSC-3FA2-HA
Power Supply	(230V±10%) ; 50Hz
External Size(W*D*H)	1087*800*2260 (mm)
Working Zone Size(W*D*H)	980*600*650 (mm)
Rated power	1100 W
Total Airflow Volume	370 m ³ /h
Downflow Velocity	0.33 m/s
Inflow Velocity	0.53 m/s
Fluorescent lamp Consumption	12W*2
UV Lamp Consumption	20W
ULPA Filter	99.9995% (Diameter:0.12μm)
Noise	≤65dB(A)
Socket	230V * 3.0A ⁽¹⁾

Notes :(1) Electric consumption power including two powers which operation area needs to load,the total load power is 230V * 3.0A.

(2) The Company reserves the right to change the design of product, we will change design of product without prior notice.

4.1.6 Performance Index

1) Biological safety functions

Personnel protection, tested by potassium iodide (KI) method, the protection factor of the front window operation port should not be less than 1.5×10^5 ;

Sample protection, microbial colony count ≤ 5 CFU;

Cross contamination protection, microbial colony count ≤ 2 CFU.

2) Leak-proof Cabinet

If cabinet pressurized to 250Pa, Paint 25 g/L of soap solution with a paint brush, without any leakage of soap bubbles.

3) Integrity of ULPA Filter