



600 Series NSF Certified BioSafety Cabinet

Series Model Number
60043/60054/60074

Class: **2 A2**

Internal Dimensions

36 x 24 x 26 in

45 x 24 x 26 in

54 x 24 x 26 in

External Dimensions

43 x 31 x 90 in

54 x 31 x 90 in

74 x 31 x 90 in

Class Approved Use

- Sterile Compounding**
- Hazmat Handling**
- USP 800 Guidance**
- USP 797 Guidance**

Quality Validation

- One-Year Product Warranty**
- ISO-Class 1-5 Validation Documentation**
- NQA Global Assurance Conformity**
- ISO 9001 Registered**

The 600 series provide a completely enclosed, well ventilated work area specifically built to protect laboratory personnel when working with hazardous materials.

LCD Display

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

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.

UV Lamp

Emission of 253.7 nanometers for most efficient decontamination.

Front Window

Two-layer laminated toughened glass > 0.2 in. anti UV

Footmaster 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.



NSF Certified BioSafety Cabinet

(600 SERIES – TECHNICAL PARAMETERS)

Model		60043	60054	60074
External Size(W*D*H)		43 x 31 x 90 in	54 x 31 x 90 in	74 x 30 x 90 in
Internal Size(W*D*H)		36 x 24 x 26 in	45 x 24 x 26 in	53 x 24 x 26 in
Work Surface Height		29.5 in		
Max Opening		550mm (22")		
Tested Opening		Safety height 200mm (8")		
Airflow Velocity	Inflow	349m3/h(205cfm)	465m3/h(275cfm)	649m3/h(382cfm)
	Down flow	64%:638m3/h (375cfm)	64%:868m3/h (498cfm)	64%:1190m3/h (700cfm)
	Exhaust	36%:359m3/h(211 cfm)	36%:488m3/h (287cfm)	36%:669m3/h(394cfm)
Front Window		Motorized. Two-layer laminated toughened glass ≥5mm. Anti UV		
HEPA Filter		Two. 99.999% efficiency at 0.3µm filter life indicator		
Filter Guard Type		Aluminum alloy frame		
Noise		NSF 49≤561 dB/EN 12469≤558 dB		
Illumination		≥ 1,000 Lux		
Display		LCD Display		
Waterproof socket		Two. Total consumption: ≤ 500W		
Tap		Water tap*1. Gas tap *1		
Ground Resistance		≤ 0.10 Ω		
Power Supply		AC220/110V±10%. 50/60Hz ±1Hz. Full load Amps: 9A. BTU/Hr: 1689		
Consumption		300W	400W	500W
Alarm		Abnormal airflow velocity: Filter change: Front Window over height		
Motor	One ECM motor. 110V& 220V acceptable. Speed adjustable. high efficiency and low power consumption			
Material	Working area: 304 stainless steel/ Frame and Decorative Plate: cold-rolled steel with anti-bacteria power coating			
UV Lamp	18W	30W	40W	
	Germicidal UV lamp, Emission of 253.7 nanometers for most efficient decontamination			
Standard Accessory	Fluorescent lamp, UV lamp *2, Base stand, SS water & gas taps, Drain valve. Waterproof sockets, Stainless Steel I.V. Bar with 10 hooks			
Optional Accessory	Armrest. Airflow tester. Formalin fumigation sterilizer, infrared sterilizer. Adjustable base stand. Remote control			
Package Size (W*D*H)		49*42.5*72 in	60.6*42.5*75 in	80*42.5*75 in
Gross Weight		595.21b	736.3	800.3