PRO-LAB DIAGNOSTICS

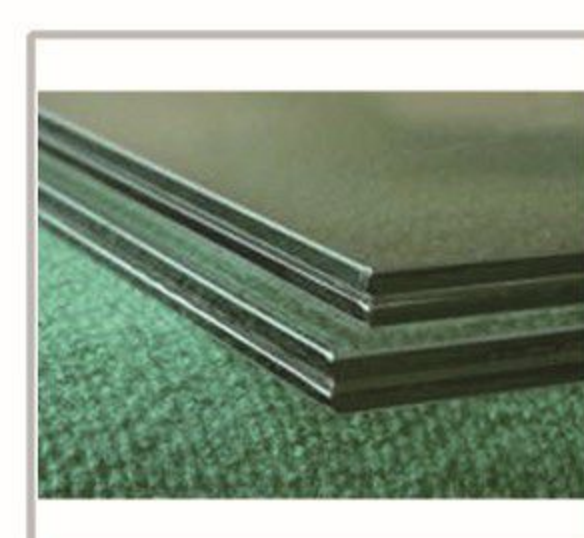NSF SFDA CE ISO 9001 ISO 14001 ISO 13485 MET SGS
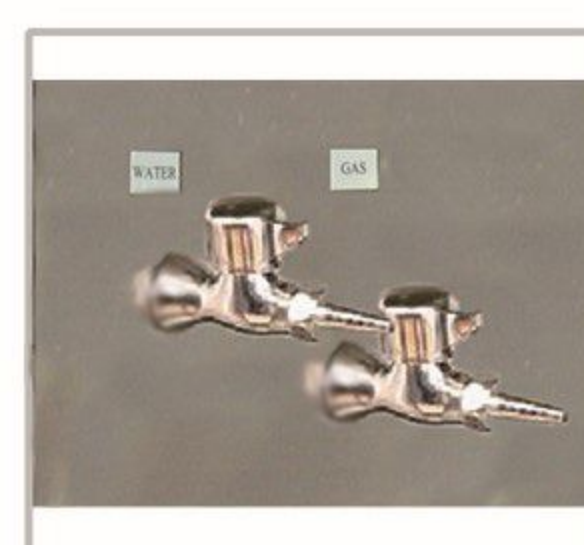
NSF Certified Class II A2 Biological Safety Cabinet

LCD Display
Large LCD display is easy to monitor all the safety parameters at a glance; and ergonomically sized control panel improves users interface.
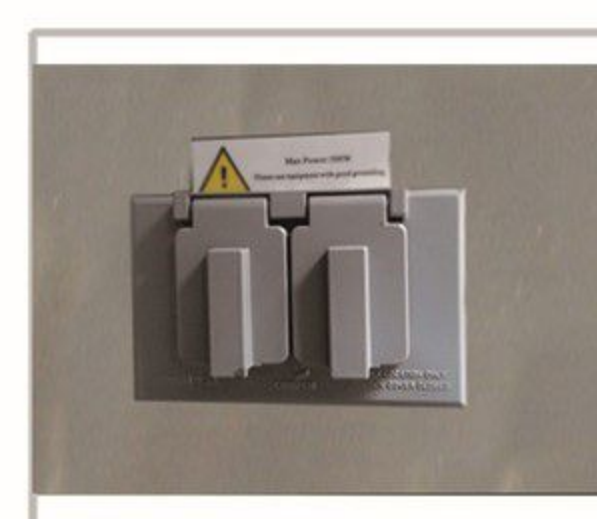
Front Window
Two-layer laminated toughened glass>5mm, anti UV

Footmaster Caster
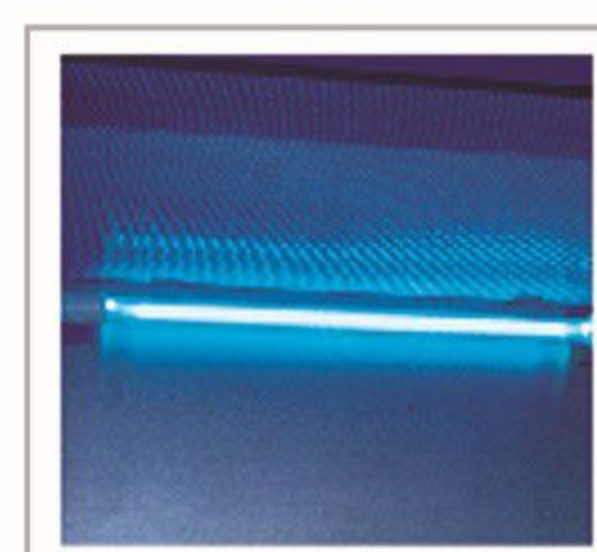Universal caster with brake and leveling feet.
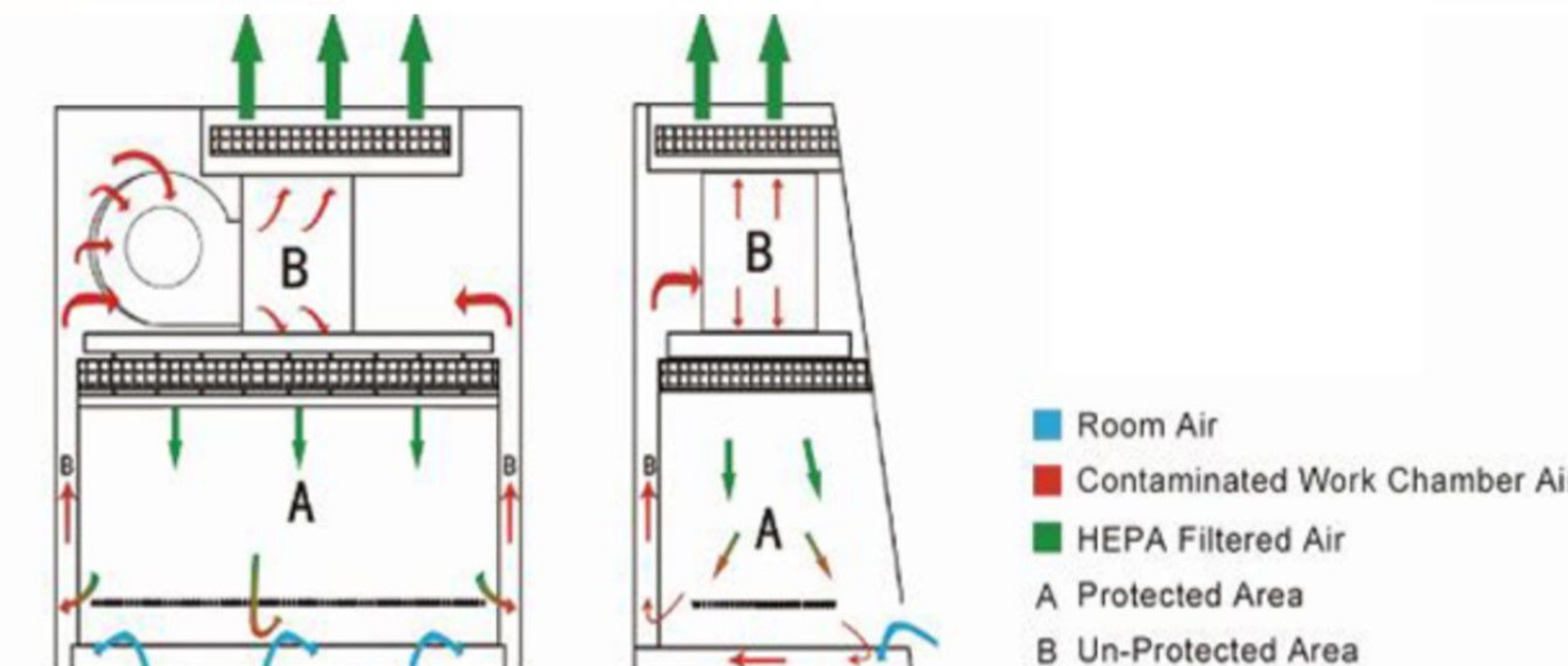
SS Water Tap &Gas Tap

Waterproof Socket

Work Zone
Unibody design

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 of single piece stainless steel.
6. Interlock function: UV lamp and front window; UV lamp and blower, fluorescent lamp; Blower and front window.
6. Front 10° slanted to offer operator comfort while working for long time, reduce glare and maximize reach into the work area.

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

TECHNICAL PARAMETERS

Model		PLS152(3')	PLS153(4')	PLS154(6')
External Size(W*D*H)		1087*775*2265mm	1383*775*2295mm	1873*775*2295mm
Internal Size(W*D*H)		910*600*660mm	1210*600*660mm	1700*600*660mm
Work Surface Height		750mm		
Max Opening		550mm (22″)		
Tested Opening		Safety height 200mm (8″)	Safety height 254mm (10″)	Safety height 254mm (10″)
Airflow Volume	Inflow	349m³/h (205cfm)	465m³/h (275cfm)	649m³/h (382cfm)
	Downflow	64%: 638m³/h (375cfm)	64%: 868m³/h (498cfm)	64%: 1190m³/h (700cfm)
	Exhaust	36%: 359m³/h (211cfm)	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≤61dB / EN 12469≤58dB		
Illumination		≥1000Lux		
Display		LCD Display		
Waterproof Socket		Two, Total consumption: ≤500W		
Tap		Water tap*1, Gas tap *1		
Ground Resistance		≤ 0.10Ω		
Power Supply		AC220V±10%, 50/60Hz; 110V±10%, 60Hz, Full load Amps: 9A, BTU/Hr: 1689		
Consumption		300W	400W	500W
Alarm		Abnormal airflow velocity; Filter change; Front Window over height.		
DC 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.		
Illuminating Lamp		21W*2	18W*2	22W*2
		Fluorescent lamp	LED lamp	LED lamp
Standard Accessory		Illuminating 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)		1250*1080*1840mm	1540*1080*1900mm	2020*1080*1900mm
Gross Weight		270kg	334kg	363kg