

Haier Biomedical
Intelligent Protection of Life Science

Biological Safety Cabinets



HR900-IIA2-D/S

Scope of Application

Suitable for microbiology, biomedicine, biosafety laboratories and other laboratories. It offers three levels of protection-operator, product and environment

Innovative Design

- Double ULPA exhaust filters
- Convenient partitioned workbench
- Low noise and uniform airflow
- Bright side glass windows
- Energy saving fans

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Product Advantages



ULPA Filter System

HR900-IIA2-D adopts two ULPA exhaust filters while HR900-IIA2-S adopts one ULPA exhaust filter to provide three levels of protection: operator, product and environment.



UV Lamp

Ultraviolet light can be reserved and set automate on/off time. The sterilization time interval from 0 to 24 hours, reducing downtime.



Low Noise and Uniform Airflow

- DC&EC fans operate with lower noise and better uniformity air flow.
- The power of double fans is less than 300W, low energy consumption.



LCD Screen

- Displays real time operating parameters, filters lifecycles and other critical parameters.
- Equipped with multiple audible and visual alarm functions.

Ergonomic Design



10° Inclination Design of Cabinet Body

The front operation interface has an ergonomic design of 10 ° inclination to ensure more comfortable operation.



Debris Grid

Debris grid catches debris such as paper scrap to damage negative pressure zone.



Side Glass Windows

Tempered glass side walls increase visibility and prevents the operator from experiencing a "boxed-in" feeling



Drop-down Glass Door

Drop-down glass door is easy to clean.



Partitioned Workbench

Easy to lift and clean which can be directly placed into the autoclave.

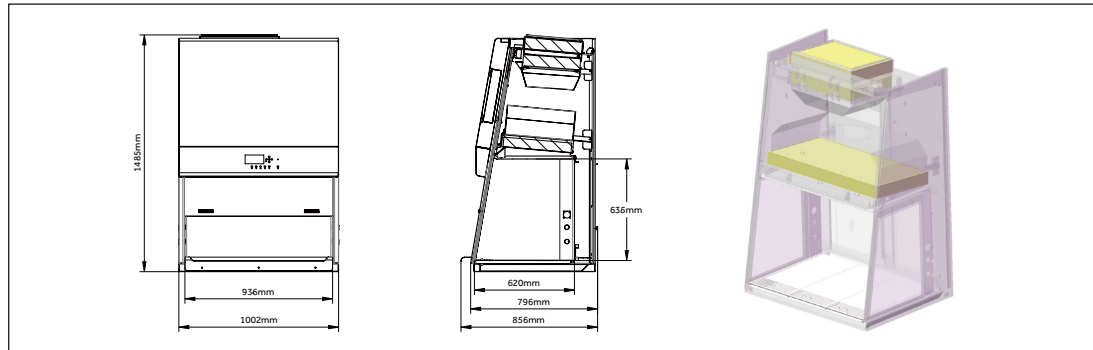


Raised Arm Rest

- Helps prevent grille blocking.
- Comfortable working posture.

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Product Dimensions



Product Parts



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Specifications

Model			HR900-IIA2-D	HR900-IIA2-S
General Specifications	Power Supply(V/Hz)		220-240/50/60	220-240/50/60
	Power(VA)		1500	1500
	Power of Blower(W)		DC 120W EC170W	DC 120W EC170W
	Airflow Circulation		70% Downflow, 30% Exhaust	70% Downflow, 30% Exhaust
	Main Filter Typical Efficiency		ULPA, U15.99.9995% @ 0.12um	ULPA, U15.99.9995% @ 0.12um
	Exhaust Filter Typical Efficiency		ULPA x 2, U15.99.9995% @ 0.12um	ULPA, U15.99.9995% @ 0.12um
	Exhaust Filter		Double	Single
	Filter's Brand		AAF	AAF
	Downflow Velocity(m/s)		0.3	0.3
	Inflow Velocity(m/s)		0.45	0.45
	Lighting Intensity (Lux)		≥1300	≥1300
	Sound Level(dB(A))		59.7	57.1
Dimensions	Net/Gross Weight	kg	290/320	290/320
		lbs	639/705	639/705
	Internal Dimensions(W*D*H)	mm	936*620*635	936*620*635
		in	36.9*24.4*25	36.9*24.4*25
	External Dimensions(W*D*H) (Width without Arm Rest)	mm	1002*856(796)*1485	1002*856(796)*1485
		in	39.5*33.7(31.3)*58.5	39.5*33.7(31.3)*58.5
	Packing Dimensions(W*D*H)	mm	1105*932*1730	1185*925*1720
		in	43.5*36.7*68.1	46.7*36.4*67.7
Alarm Functions	Support Stand(mm)		No, 680-900mm adjustable height(optional)	No, 680-900mm adjustable height(optional)
	Sash Opening(mm)		200(Max 490)	200(Max 490)
	Container load (20"/40"/40"H)		11/21/21	11/21/21
	Alarm		Sound and Flash	Sound and Flash
	Closing Fan Alarm After Door Opening		Y	Y
	Door Ajar		Y	Y
	Abnormal Inflow		Y	Y
	Abnormal Downflow		Y	Y
	Door Open More than Limit		Y	Y
	Filter Clogging		Y	Y
	Filter Damage		Y	Y
	Filter Lifetime Lack		Y	Y
	UV light Lifetime Lack		Y	Y
	UV Lamp		Y	Y
	Socket		2 Sockets	2 Sockets
	Valve Port		Optional	Optional
	Side Wall Service Taps		Optional gas tap, vacuum tap, compressed air tap and water tap	Optional gas tap, vacuum tap, compressed air tap and water tap
Accessories	Antimicrobial Powder Coating		Optional	Optional
	316SS Work Surface		Optional	Optional
	Work Surface		Three-piece	Three-piece
	Touch Screen		N	N
	Motorized Window		Optional	Optional
	Foot Switch		Optional	Optional
	Armrest		Y	Y
	Exhaust Duct Connection Kits		Optional	Optional
	Others		CE, UKCA	CE, UKCA
	Certification		CE, UKCA	CE, UKCA

*Haier Biomedical reserves the right to change products and specifications without prior notice.

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