

PRODUCT SPECIFICATIONS

Model	HR1200-IIA2-D	
Product Type	II,A2	
Working Voltage & Frequency (V/Hz)	220V 50/60Hz	
Power(W)	200W	
Power of Blower(W)	DC 190W, EC 170W	
Current(A)	8A (Including Socket)	
Energy consumption (kW.h)	0.2	
Applicable People	1-2	
Airflow Circulation	70% Downflow,30% Exhaust	
Main Filter Typical Efficiency	ULPA ,U15,99.9995%@0.12um	
Exhaust Filter Typical Efficiency	HEPA ,H14,99.99%@0.3um	
Filter's Brand	Camfil	
Downflow Velocity(m/s)	0.3	
Inflow Velocity(m/s)	0.45	
Fluorescent Lamp Intensity(Lux)	≥1000	
Ultraviolet Lamp	Y	
Clean Level	10# (ISO Class 4)	
Noise(dB(A))	58	
Fan / Fan Type	EBM brand / DC+EC fan	
Service Fixtures	4(2 on each side)	
Outlet Sockets	2(1 on each side)	
Net/Gross Weight	kg	320/360
	lbs	705.5/793.0
Internal Dimensions(W*D*H)	mm	1310*620*630
	in	51.5*24.4*24.8
External Dimensions(W*D*H)	mm	1380*780*1465
	in	54.3*30.7*57.7
Packing Dimensions(W*D*H)	mm	1470*920*1690
	in	57.9*36.2*66.5
Working Height of Front Window(mm)	200 (Max 380)	
Stand	680-900mm adjustable height	
Container Load (20'/40'/40'H)	8/16/16	
Alarm	Sound and Flash	
Certificate	CE, BS EN 12469, TUV	

Haier Biomedical

Intelligent Protection of Life Science

Class II Biosafety Cabinets



Energy Efficient
DC+EC fans and longer lasting LED lights reduce energy consumption.



Double Exhaust Filters
Two highly efficient HEPA dual output filters reduce the risk of lab pollution.



Side Glass Windows
Glass wall allows more natural light in, reducing optical stress caused by artificial lighting, as well as maximising the usable space.

24/7 Protection

Haier Biomedical's double exhaust filtered Class II microbiological safety cabinet offers three levels of protection; operator, product and environment.

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Safer by Design

The HR1200-IIA2 double exhaust filtered biological safety cabinet utilises two highly efficient HEPA exhaust filters and one ULPA downflow filter to provide three levels of protection; operator, product and environment. As there is no need for external ducting, this is a cost-effective solution.

The unit is certified to the EN 12469 standard. It uses energy efficient DC and EC fans, as well as LED lights to ensure for optimal performance with a low noise output and reduced energy consumption. The ergonomic design ensures maximum comfort and alleviates operator fatigue.



Patented Technologies

The range incorporates two patented technologies which offer total user protection and improves the cabinet's energy efficiency.



Patented Waterproof Socket Timer

The two IP rated 44 waterproof sockets within the cabinet have a timed on/off function for improved safety and energy conservation.



Certified to EN 12469 Standard

HEPA exhaust filters – typical efficiency of >99.99% for 0.3 micron particles. ULPA filter (downflow) provides vertical laminar flow to the worktable.



Easy to Clean

The divided work surface can easily be removed for sterilisation and allows for easy access to the base of the cabinet for cleaning. The unique drop-down front glass window can be removed in seconds to enable quick and efficient cleaning of upper sections, limiting downtime. There is also a stainless steel rear wall and easy to access drain valve.



Lower Noise and Airflow Uniformity

DC fan operates with lower noise and better uniformity airflow.



Clear Controller with LCD screen display

LCD control panel displays various parameters and clear operational conditions.



Patented Safe Airflow Disruption System

The units utilise side air design on the upper edge and on both sides of the front window to eliminate 'blind spots'. This prevents crossflow between inside and outside air, reducing contamination.



Ergonomic Design

Designed with the user in mind, this cabinet features 10° angled front window to provide a comfortable workspace, adjustable height stand, castors with self-levelling feet and a drop-down window design for easy cleaning. A removable hand rest reduces arm fatigue without interfering with the air inflow.



Multiple Alarm Functions

Clear and easy to understand alarm with visual and sound alert functions. Alarms include filter and UV end-of-life alerts, fan turned-off after door opening alert and door open alarm.



Four Service Fixtures

Four access ports are located on either side of the cabinet for easy access and flexibility.



UV Lamp

Ultraviolet light can be set with one single key to automate on/off time, sterilisation time and sterilisation time interval from 0 to 24 hours, reducing downtime.

PRODUCT ADVANTAGES



Plugable Power Cable: Power cable can be changed according to a user's need.



LCD screen displays real-time operating parameters, filters lifecycles and other critical parameters.



Adjustable stand fits a customer's need.



Drop-down glass door is easy to clean.



Standard waterproof socket, water valve and air valve.

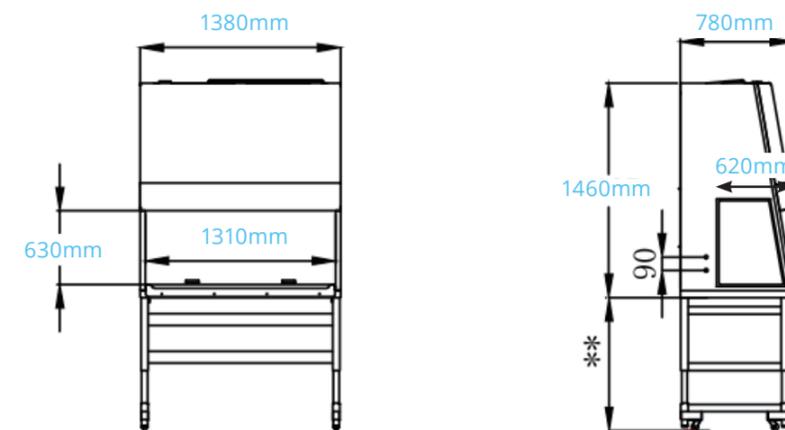


Debris grid catches debris such as paper scrap to damage negative pressure zone.



Compartmented working surface is easy to be sterilised and cleaned.

PRODUCT DIMENSION DRAWING



** Height adjustable stand, adjustable range: 680-900mm



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