PRODUCT SPECIFICATIONS

Model		HR1200-IIA2-S
Product Type		CLASS II,A2
Working Voltage&Frequency(V/Hz)		220V 50/60Hz
Power(W)		210
Power of Blower(W)		Down DC Fan 120W max Exaust DC Fan 112W max
Current(A)		8A (Including Socket)
Energy consumption (kW.h)		0.21
Applicable People		1~2
Airflow Circulation		70%Downflow,30%Exhaust
Main Filter Typical Efficiency		HEPA,H14,99.995%@0.3μm
Exhaust Filter Typical Efficiency		HEPA,H14,99.995%@0.3μm
Filter's Brand		AAF
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		DC×2
Fan's Brand		EBM
Service Valves		4(2 on each side)
Outlets		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
Stand		680-900mm adjustable height
Container Load (20'/40'/40'H)		8/16/16
Alarm		Sound and Flash
Certificate		CE, BS EN 12469, TUV

Qingdao Haier Biomedical Co.,Ltd.

No.280 Feng Yuan Road, High-tech Zone,
Qingdao, 266109, P.R. China
Tel: +86-0532-88935955
Website: www.haiermedical.com

Haier Biomedical International | Haier Biomedical International | @haiermedicalint | @haierbiomedicalint | Haier Biomedical International

Note:If a slight difference occurs between pictures and actual products, please refer to actual products. Our company reserves the right of final interpretation of this brochure, please contact us for any further information if required.

Haier Biomedical

Intelligent Protection of Life Science

Class II Biosafety Cabinets



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

Energy Efficient

Dual DC fans and LED lights to reduce energy consumption.

High Efficiency Filter

High efficiency HEPA filter for downflow air - typical efficiency of 99.995% for 0.3μm particle

Side Glass Windows

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

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Safer by Design

The HR1200-IIA2-S biological safety cabinet utilises one highly efficient HEPA exhaust filter and one HEPA downflow filter to provide three levels of protection: operator, product and environment. As there is no need forexternal ducting, this is a cost-effective solution.

The unit is certified to the EN 12469 standard.It uses energy efficient DC 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 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.

Certified to EN 12469 Standard
HEPA exhaust filters – typical efficiency of >99.995% for 0.3 micron particles.HEPA filter (downflow)provides vertical laminar flow to the worktable

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.

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.

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.

Lower Noise and Airflow Uniformity
DC fan operates with lower noise and better uniformity airflow.

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.

Simple Controller with LCD screen display
LCD control panel displays various parameters and clear operational conditions.

Two Service Fixtures
Two 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.

Tubular Motor(Opional)
The motor is stable and reliable.Two position limiting devices make the auto glass - door system more safe.

Optional Electric Glass Door
The glass door is electrically operated. The standard glass-height opening during work is set to 200mm. The glass door can also be pulled down - in order to allow easy access for complete and effective cleaning and decontamination.

PRODUCT ADVANTAGES



EBM DC Fan，Energy consumption as low as 112W，Low noise to 58 dB.



AAF HEPA fiter，The filtration efficiency is 99.995%@0.3 um.





Standard waterproof socket.(Option water valve and air valve.)



Electrical glass door motor make the use procedure more comfortable.(Optional)



Adjustable chassis adapts to different height requirements.

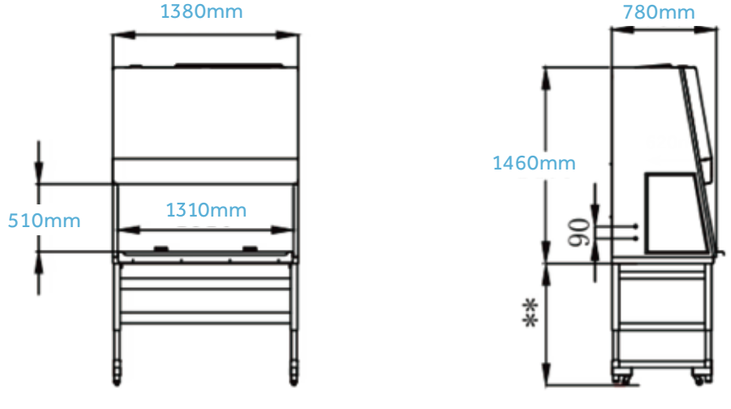


Drop-down glass door is easy to clean



Compartmented working surface is easy to be sterilised and cleaned.

PRODUCT DIMENSION DRAWING



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

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