

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 Exhaust 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		ULPA,U15,99.9995%@0.12μm
Exhaust Filter Typical Efficiency		HEPA,H14,99.995%@0.3μm
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		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(Max380)
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 Medical and Laboratory Products Co., Ltd

Brand Building, Haier Industrial Park, No. 1
Haier Road, Qingdao,266101,P.R.China
Tel: +86-0532-88936011 / 5955
Website: www.haiermedical.com

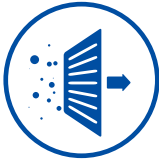


Haier Biomedical
Intelligent Protection of Life Science

Class II
Biosafety Cabinets



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



High Efficiency Filter
High efficiency ULPA filter for downflow air - typical efficiency of 99.9995% for 0.12μm 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.

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

Safer by Design

The HR1200-IIA2-S biological safety cabinet utilises one highly efficient HEPA exhaust filter and one ULPA down-flow filter to provide three levels of protection(BSL-3):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 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.ULPA 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.



Clear 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.

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.



Standard waterproof socket, water valve and air valve.



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

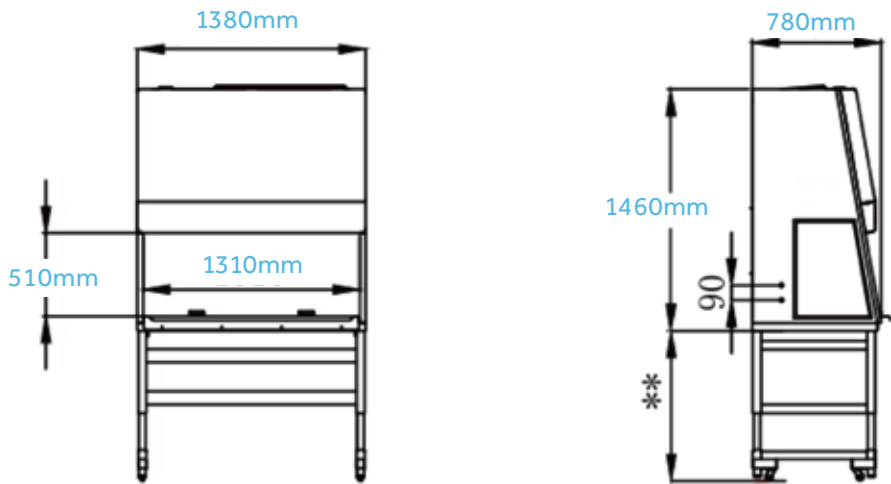


Compartmented working surface is easy to be sterilised and cleaned.



Drop-down glass door is easy to clean

PRODUCT DIMENSION DRAWING



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