Haier Biomedical
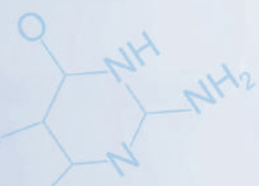## Intelligent Protection of Life Science

New Generation Biosafety Cabinet
HR1200-IIA2-D

Double Exhaust-Filters
Highly efficient HEPA's dual output filtering structure provides an extra layer of protection. There is no need for external wind pipe and no worry for lab pollution!

Two-Side Glass Walls
Two-side glass structure provides better lighting and larger operation space.

Compartmented Working Surface
The compartmented working surface can easily be removed for sterilization and bottom cleaning.

Safe Airflow System
The working space has airflow blocking design. The upper end of front window and the sides all have air curtain protection to prevent cross flow between the inside and outside air and also contamination from spreading.

Pluggable 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 water-proof 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 sterilized and cleaned.

▶ Main Uses

Specialized local air purifying equipment. It is suitable for microbiology, biomedicine, biosafety laboratories and other laboratories. It is the most basic protection and isolation equipment for biosafety.

▶ Product Advantages

BSC HR1200-IIA2-D, the latest biosafety cabinet developed based on European client's need. The product is certified with Europe EN12469 standard. BSC HR1200-IIA2-D uses DC fan and EC fan (assures performance, low noise and energy saving) and highly efficient filter ULPA. There are two exhaust filters to enhance protection to people and environment. The product features a two-side glass structure for better lighting. Additional features include height adjustable stand,air valve,vacuum valve,etc

▶ Features

· E.U. EN12469 Standard Certification

· The main filter uses damp-proof, fire-proof glass fiber ULPA filter. Filtering efficiency for ≥0.12μm particulate matter is ≥99.9995% for cleaner air and safer samples.

· DC fan operates with lower noise and better uniformity air flow.

· LCD screen displays various parameters and clear operational conditions.

· Ultraviolet light can be set with one single key to for automate on/off time, and sterilization time interval from 0 to 24 hours.Downtime is reduced.

· The product features ultraviolet sterilization, fluorescent lamp, front window and fan motor's quadruple locking system.

· Multiple Sound/Light Alarming Function: Hardware malfunction alarm, operating parameter overrun alarm, filter/ultraviolet light lifecycle ending alarm, etc.

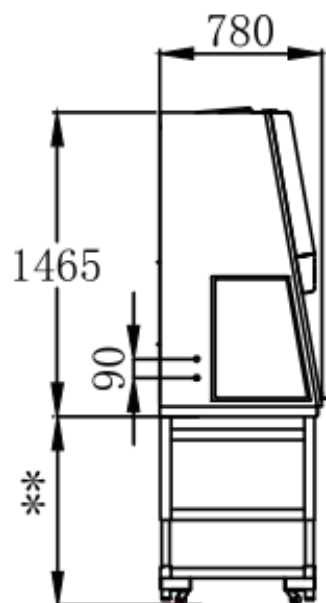· Patented Water-Proof Socket Timer: The two water-proof sockets have timed on/off function.
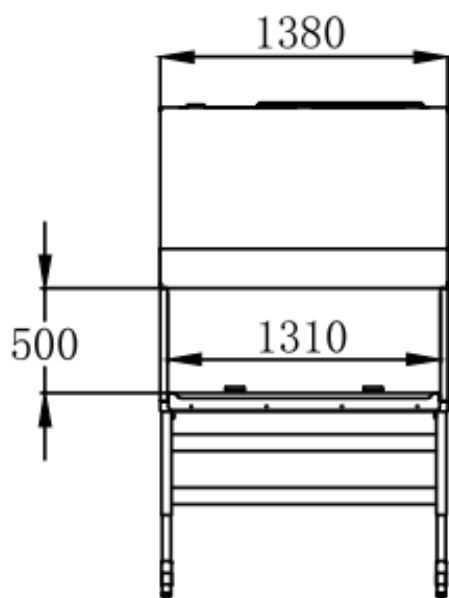
❯ Ergonomic Design

· Front working surface's 10 degree leaning design provides a comfortable work space for operators.

· Height in the lower stand is adjustable. Adjustment mechanism is hidden to avoid contamination.

· Universal caster for convenient moving.

· Drop-down front window design for easier cleaning of glass interior's upper end.

· Removable hand resting stand reduces arm fatigue and does not interfere air inflow.

· Optional accessories include water valve, air valve, anti-collapse wind blowing valve, etc.

❯ Alarm Functions

· Fan turn-off alarm after door opening

· Alarm for expired door opening

· Door open more than limit alarm

· Filter Block Alarm

· Filter Damage Alarm

· Filter Lifetime Lack Alarm

· Front glass blocks ultraviolet

❯ Structure Diagram

** Height adjustable stand, adjustable range：750-900mm

❯ 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		DC+EC
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)		190(Max 500)
Supporter		75-90mm adjustable height
Container load (20'/40'/40'H)		8/16/16
Alam		Sound and Flash
Certificate		CE,EN12469

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