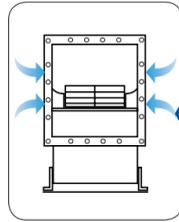


## Haier Intelligent ClassII, Type A2 Biosafety Cabinets

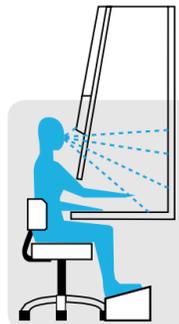
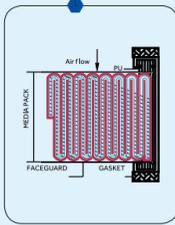
### Ultra Low Penetration Air Filter System

- Reverse centrifugal fan
- Double-side air inflow design decreases running noise
- Air velocity auto-compensation function guarantees stable wind speed
- Provide uniform airflow by adjusting working voltage of fan.



### American AAF ULPA filter

- Tested to a typical efficiency of 99.9995% for 0.12 micron particles
- Provides FED STD 209E class 1 (or ISO14644.1 class 3) clean air to work surface in a stable vertical laminar flow to protect samples
- The exhaust ULPA filter traps biohazard particles acquired from the work surface before air is exhausted to the room, offering personnel and environmental protection



### Ergonomic Design

- The 10° angled viewing window improves comfort and alleviates fatigue of operator
- 75mm adjustable supporter ensures correct height for different users
- Draining valve is easy to clean and maintain

### 304 stainless steel operation platform and internal wall

- Stainless steel operation platform without screws, no accumulation of contaminant
- Dismountable air in-flow plate, easy to clean and disinfect
- Concaved operation platform, waste liquid easily collected



HR1500-IIA2



### Digital microprocessor control system

- LCD display
- Real-time display of key parameters: downflow velocity, inflow velocity, airflow volume, static pressure, negative pressure, accumulative running time of fan and UV lamp, left lifetime of filter
- Sound & light alarming function
- UV sterilization reservation setting function



### Professional air flow distribution design

Through professional air flow distribution design, the air flow of the worktable is more uniform, with the noise < 62dBA



### Intelligent constant air velocity patent technology

The professional hot-bulb air velocity transducer performs real-time monitoring on the air velocity of the working area, compares it with the standard air velocity, and keeps the safety cabinet under constant air velocity through adjustment of the fan speed by microcomputer system



### V-shaped air inlet design



### Swivel caster, Internal thread support leg

Standards Compliance	Biosafety Cabinets	Air Quality	Filtration	Electrical Safety
	EN 12469, Europe SFDA YY-0569, China	ISO 14644.1, Class 3, Worldwide US Fed Std 209E, Class 1 USA	EN-1822 (H14), Europe IEST-RP-CC001.3, USA IEST-RP-CC007, USA IEST-RP-CC034.1, USA	EN61010

# Haier

## ClassII, Type A2 Biological Safety Cabinets

The New Generation Intelligent Biosafety Cabinet of Haier



HR1500-IIA2

## Features

### ▼ Patent Intelligent Constant Air Velocity

The professional hot-bulb air velocity transducer performs real-time monitoring on the air velocity of the working area, compares it with the standard air velocity, and keeps the safety cabinet under constant air velocity through adjustment of the fan speed by microcomputer system.

### ▼ LNS Green Energy-saving Mode

When the human body detecting module detects under the intelligent mode that the person is outside the operating area for over 15 minutes, the microcomputer program will automatically switch the safety cabinet to LNS green energy-conservation mode (Low noise and energy conservation), so as to realize noise reduction and energy conservation and to improve the service life of the filter.

### ▼ Professional Air-flow Distribution Module

Through professional air flow distribution design, the air flow of the worktable is more uniform, with the noise < 62dBA

### ▼ Ultra Low Penetration Air Filter System

American AAF (ULPA) filter are tested to a typical efficiency of > 99.999% for 0.12 micron particles. ULPA Filter provides vertical laminar flow to the worktable, so as to protect samples from pollution.

### ▼ Patent Technology of Air Flow Disruption

Adopt the patent technology of air flow disruption on the upper edge and both sides of the front window (Patent No. ZL200520125549.X) to eliminate the safety protection blindness. Adopt the patent technology of side air flow disruption design to eliminate the exposure of microorganism.

### ▼ Unique Drop-down Front Glass Window

Remove the hand-placing frame by hand, and pull down the front glass window to clean the upper part of the glass and to avoid dead corners.

### ▼ Dismountable Platform-type Hand-placing Frame

Platform-type hand-placing frame is comfortable to use and helps to relieve fatigue.

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## Technical Specifications

Model	HR1500-IIA2	
Airflow Circulation	70% downflow, 30% exhaust	
Working Voltage & Frequency	220V/50Hz	
Power (VA)	1300	
Power of Blower(W)	650	
Main Filter Typical Efficiency	ULPA,99.9995@0.12um	
Exhaust Filter Typical Efficiency	ULPA,99.995@0.12um	
Average Airflow Velocity	Inflow	0.55m/s
	Downflow	0.35m/s
Fluorescent Lamp Intensity(Lux)	1100	
Net/Gross Weight	350/368(kg)	
	771.6/811.3(lbs)	
Noise(dBA)	62	
Internal Dimension(W*D*H)	1520*620*650(mm)	
	59.9*24.4*25.6(in)	
External Dimension(W*D*H)	1680*780*2100(mm)	
	66.2*30.7*82.7(in)	
Packing Dimension(W*D*H)	1760*910*1690(mm)	
	69.3*35.8*66.5(in)	
Supporter	75mm adjustable height	
Container Load(20'/40'40'H)	6/12/12	
Alarm	Sound and Flash	
Certificate	CE,EN12469,SFDA	