

# Smart IoT Series Biosafety Cabinets

HR1200-IIA2-X  
HR1500-IIA2-X  
HR1800-IIA2-X



## Main Applications

Professional localized air purification equipment suitable for pharmaceuticals, medical and health industries and scientific research laboratories of universities and colleges as well as other related fields

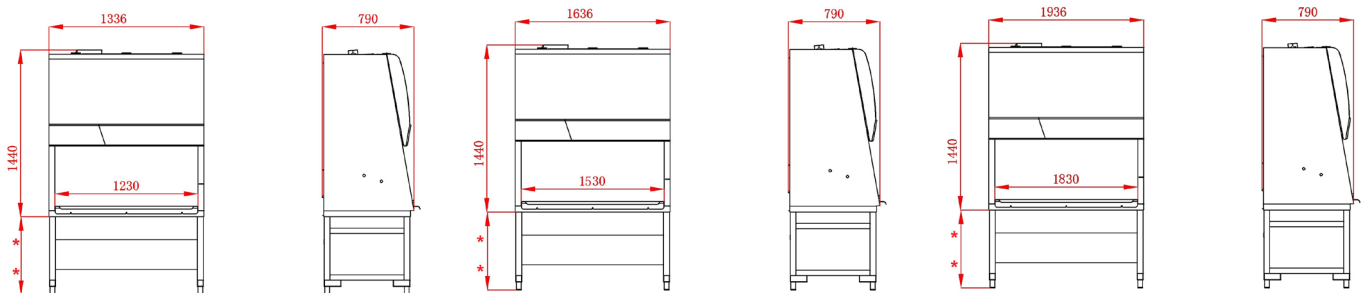
## Product function advantages

- The dual DC fans meet the low-noise, energy-saving and high-reliability requirements
- Utilizing intelligent constant air speed design to monitor the downward airflow and the inlet airflow in real-time. The dual air speed sensors adjust the fan speed through a microcomputer system so as to maintain constant air speed inside the cabinet
- Adopting ultralow penetration air filters (ULPA) ensuring a cleanliness grade conforming to Class 1 of the American standard FED STD 209E (Class 3 of ISO14644-1) and using pressure sensors to monitor the service life of the filters in real-time to ensure superior accuracy and efficiency
- Optional - X series - electric lifting glass doors with matching foot switches
- Optional - X series - comes equipped with surveillance cameras to record the operating status of the left and right working areas respectively and independently
- Optional - Intelligent IoT module to enable the mobile App to monitor the running state of the safety cabinet and display the performance parameters such as air speed and filter life in real-time
- Adopting an intelligent interlock design to avoid the risk of misoperation; with an operational front window interlocking with the UV lamp, LED lamp and fan intelligently to ensure better security
- Patented technology one-button UV lamp timer, enabling the memory setting of the user's UV lamp usage habits for convenient one-key start-up of the UV lamp timing function

## Product construction advantages

- Using platform-type hand rest racks which are comfortable to use and can relieve fatigue; with leak-proof construction to prevent the splashed liquid waste from entering into the seams of the racks
- The cabinet body has a 10-degree inclination design, which is in accordance with ergonomic principles and more comfortable to operate
- The cabinet has a pull-down front window, which makes cleaning of the upper glass easy after pulling down the glass front window and removing the hand rest racks
- With an integrated workbench and a stainless steel liquid collecting tank with an area larger than the workbench so as to prevent liquid leakage
- Constructed with a universal caster design to facilitate ease of movement by users; and comes with built-in threaded feet to prevent bacterial growth
- With real-time display of the filter life and the running time of the fan and the UV lamp, the system alerts the user by alarm when the service life of the filter and the UV lamp becomes less than 10%, which is convenient and safe

## Product dimension



HR1200-IIA2-X

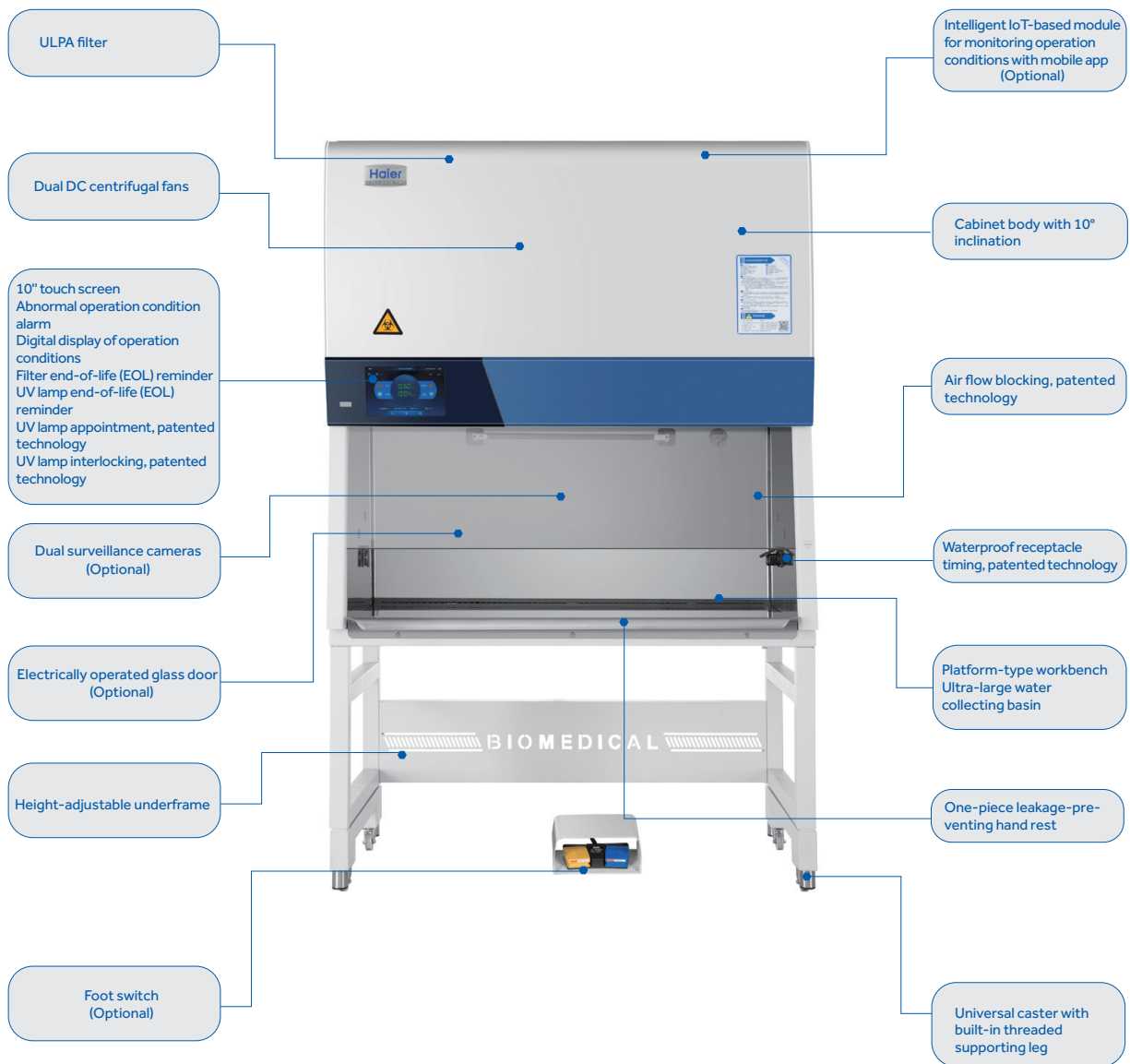
HR1500-IIA2-X

HR1800-IIA2-X

\*\*means the adjustable stand ranges from 680mm to 900mm.

# Biological Safety Cabinet: Intelligent IoT Series

## Product dimensions



## Specifications

Model		HR1200-IIA2-X	HR1500-IIA2-X	HR1800-IIA2-X
Power(VA)		1600	1670	1850
Downflow Velocity		0.30	0.30	0.30
Inflow Velocity		0.45	0.45	0.45
Net/Gross Weight (approx)	kg	280/340	320/400	380/465
	lbs	617.3/749.6	705.5/881.8	837.8/1025.1
Internal Dimension (W*D*H)	mm	1230*600*655	1530*600*655	1830*600*655
	in	48.4*23.6*25.8	60.2*23.6*25.8	72.0*23.6*25.8
External Dimension (W*D*H)	mm	1336*790*2120	1636*790*2120	1936*790*2120
	in	52.6*31.1*83.5	64.4*31.1*83.5	76.2*31.1*83.5
Packing Dimension (W*D*H)	mm	1400*925*1665	1700*925*1665	2000*925*1665
	in	55.1*36.4*65.6	66.9*36.4*65.6	78.7*36.4*65.6
Container Load(20'/40'/40'H)		8/16/16	6/12/12	6/12/12

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