Haier Biomedical
Intelligent Protection of Life Science

Ductless Fume Hood

HTF-1200W/1500W

UV Decontamination

Intelligent IoT Module (Optional)

PIR Sensor Technology

Scope of Application

This fume hood utilizes carbon filtration to protect laboratory personnel from toxic chemical fumes, odours, and particles. It is widely used within academia, public health, chemical and petrochemical industry, drug testing, museums and many other fields which involve the use of chemicals.

Innovative Design

◉ TVOC detection

◉ Intelligent constant speed design

◉ 10 inch touchscreen with real-time display

◉ Energy-efficient EC fan for a longer service life and reliable operation

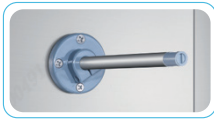◉ Supplied as standard with stand with universal casters, UV lamp and electrical sockets

Product Advantages

10 inch touch screen
Real-time display of VOC concentration time, wind speed, filter and UV lamp running time. Alerts when filter or Uy lamp lifespan falls below 10%
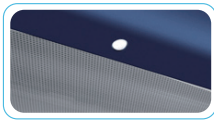
EC fan
Energy-efficient EC fan for a longer service life and reliable and quieter operation.
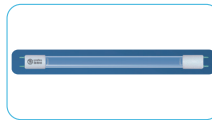
Intelligent constant speed design
The air speed sensors adjust the fan speed through a microcomputer system so as to maintain constant air speed inside the cabinet.

TVOC detection
VOC probes detect the chemical concentration within both the cabinet workspace and filter. An audible and visual alarm will activate if conditions are unsafe.

PIR detection
In intelligent mode, the PIR sensor will detect when the operating area has been clear of personnel for more than 15 minutes and automatically switch to LNS green-saving mode.

UV lamp
Patented one-button UV lamp technology allows users to automatically activate or deactivate based on usage habits or at specific sterilization intervals to minimise waiting time.

Integral stand with universal caster and levelling feet

Intelligent IoT module (Optional)
Intelligent IoT module to enable the mobile APP to monitor the running state and display the performance parameters in real-time.

Product Features

Electrical sockets
Included as standard are two. Waterproof sockets with timing technology allows user to program timed on/off function.

Ergonomic Design
The angled sash provides a clean view and more comfortable working position for operators.

Adjustable height stand (optional)

Dual cameras monitoring (optional)
They can record individually the workspace around operating state.

Specifications

Model	Operating Area Dimensions (W*D*H)(mm)	Exterior Dimensions (W*D*H)(mm)	Power Capacity (VA)	Fluorescent Lamp Power (W)	Noise (dB)	Inlet Wind Speed (m/s)	Certification
HTF-1200W	1230*760*655	1336*780*2120	1200	12V 18W*2	≤58	0.4-0.6	ASHRAE 110
HTF-1500W	1530*760*655	1636*780*2120	1300	12V 23W*2			

*Haier Biomedical reserves the right to change products and specifications without prior notice.

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