Haier Biomedical
Intelligent Protection of Life Science

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HTF-1200W/1500W

Ductless Fume Hood

Scope of Application

Haier Biomedical Ductless Fume Hood utilizes carbon filtration to protect laboratory personnel and the environment from toxic chemical fumes, odours, and particles. It is widely used in universities, public health, chemical and petrochemical industry, drug testing, museums and many other fields which involve the use of chemicals

Innovative Design

- Standard VOC sensor detects presence of volatile organic compounds in the exhaust and alarms to indicate filter saturation
- Offers a broad range of accessories and options to meet clients' different requirements

Intelligent Constant Speed Design

Multiple Stackable Filter Types

Energy-efficient EC fan

Qingdao Haier Biomedical Co.,Ltd.

No.280 Feng Yuan Road, High-tech Zone,
Qingdao, 266109, P.R. China
E-mail: inquiry@haierbiomedical.com
Website: www.haiermedical.com

Haier Biomedical International | Haier Biomedical International | @haiermedicalint | Haier Biomedical International | Haier Biomedical International

Key Features

- Intelligent constant speed design, ensures the best adsorption effect of the filter
- Energy-efficient EC fan for a longer service life and reliable operation
- Offers a broad range of accessories and options to meet clients' different requirements
- Standard VOC sensor detects presence of volatile organic compounds in the exhaust and alarms to indicate filter saturation
- Multiple stackable filter types: remove vapor contaminants from the air, can be combined to handle different types of chemicals and particulates during the same application

Product Details

10-inch touch screen
Real-time display of VOC concentration, wind speed, filter service life and UV lamp running time. Alerts when filter or UV lamp lifespan falls below 10%

Air velocity sensor
Intelligent constant air velocity ensures the stability

Universal casters with built-in threaded support legs

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

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

Electrical sockets
Included as standard are two, waterproof sockets with timing technology, which allows the user to program timed on/off function

Optional Components


UV lamp


Electrically operated glass sash


Height adjustable stand


Dual surveillance cameras


IoT module


PVC worktable

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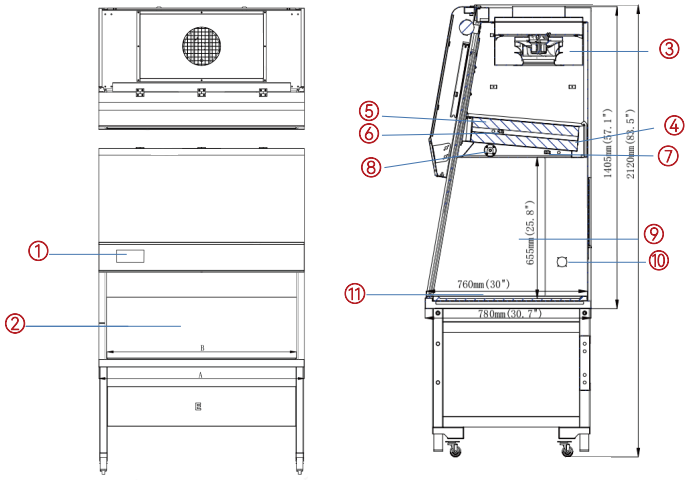
Product Dimension



1.Microprocessor Control System
2.Tempered Glass Sliding Sash Window
3.EC fan
4.First filter
5.Second filter(optional)
6.VOC sensor
7.Temperature and humidity sensor
8.Wind velocity sensor
9.Tempered Glass Side
10.Electrical sockets(2 on each side)
11.Powder coated steel worktop

Types of Filters

Carbon filters are used to remove toxic gases, hazardous fumes, and odors. These filters are constructed from high-quality carbon pellets and durable chemical-resistant cases. Below is Haier Biomedical filters list

Code No	Name	Suitable Applications
A	Standard Filter (Mixed with N4A1, N4B1 and N4G1 activated carbon)	Suitable for all common laboratory chemicals, especially with organics. When no specific requirements are present, or when more than one type of chemical is used
B	Organic Solvent Filter (N4G1 activated carbon)	Removal of toluene, benzene, xylene, acetone, acetic acid, carbon tetrachloride, chloroform, CxHy, VOC , etc
C	Acid Gas Filter (N4A1 activated carbon)	Removal of hydrochloric acid, sulfuric acid, hydrofluoric acid, hydrogen sulfide, sulfur dioxide , etc
D	Alkaline Gas Filter (N4B1 activated carbon)	Removal of ammonia, amine, etc.
E	Formaldehyde Filter	Mainly used for adsorption of formaldehyde
F	Particle Filter	Mainly used to absorb dust

Specifications

Model		HTF-1200W	HTF-1500W
Power Supply (V/Hz)		220/50/60	220/50/60
Power (W)		1200	1300
Sound Level (dB(A))		≤58	≤58
Inflow Air Velocity (m/s)		0.4-0.6	0.4-0.6
Fluorescent Light Intensity (lux)		≥1000	≥1000
Filtration Elements	First Filter	Activated Carbon with Granular Media bed (6 different filter types available , codes A-F)	
	Second Filter (optional)	Activated Carbon with Granular Media bed (6 different filter types available , codes A-F)	
Exterior Dimensions (W*D*H)(mm)		1336*780*2120	1636*780*2120
Operation Dimensions (W*D*H)(mm)		1230*760*655	1530*760*655
Packaging Dimensions (W*D*H)(mm)		1400*925*1665	1700*925*1665
Net Weight (Kg)		230	250
Packaging Weight (Kg)		290	330
Display		10 inch screen	10 inch screen
VOC Sensor		Standard (1)	Standard (1)
Certification		CE	CE

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