

EN Certified Biological Safety Cabinet 02



Model : YR0472

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Manufacturer : Kalstein

Price : \$ 16,250.00

Description :

This Class II A2 biosafety cabinet's primary purpose is to serve as a means to protect the laboratory worker and the surrounding environment from pathogens.

Biological safety cabinet classes

Class II provides two kinds of protection, both the personnel and the product have protection, because the makeup air is also HEPA filtered. These types of biosafety cabinets have a minimum inflow velocity of 100 ft./min.

These models use an airflow system that works with a 70% air recirculation and a 30% air exhaust. It also offers three types of protection operator, sample and environment. A2 biosafety cabinet is suitable for working with microbiological research in the absence of volatile or toxic chemicals and radionuclide.

These cabinets have some great and practical features that really makes the job a lot easier. To begin with, these models have a large LCD display, which means you have all the safety parameters at a glance, and their ergonomically sized control panel improves user interface. In addition, they have a one-body work zone. It also comes with a two layer laminated front window glass, providing maximum protection of the work zone. In addition, these models have a remote control, which you can use to make the operations in an easier and more convenient way. Finally, it comes with an UV light with an emission of 253.7 nanometers for more efficient decontamination.

Biological safety cabinets must be certified

These models have a motorized front window. In addition, they have a large LCD display where the operators can check the displayed information. Another important thing you should know is that they have an adjustable automatic air speed with filter block. Moreover, these models' side and back wall are made from a single stainless steel piece. In addition, these models have an interlock function: an UV lamp and front window; an UV lamp and blower, fluorescent lamp and a blower and front window. Another great advantage is that the front is 10° slanted to offer operator comfort while working for long time, reducing glare and maximizing reach into the work area.

These biological safety cabinets models measurements are 1383 mm x 775 mm x 2295 mm (WxDxH) in the outside and 1210 mm x 660 mm x 660 mm

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(WxDxH) in the inside. Both models have two HEPA filter with 99.999% efficient at 0.3µm and Filter life indicator. The power consumption is ?600W. In addition, the YR0472 has an AC230V, 50Hz power supply while the YR0472-1 has an AC110V, 60Hz power supply. The standards accessories are: one piece of fluorescent lamp, one UV lamp piece, 1 base stand, 1 remote control, 2 drain valves and a stainless steel bar with 10 hooks.

Advantage:

- Motorized front window.
- Large LCD display, all information displayed.
- Automatic air speed adjustable with filter block.
- Side & back wall is made up of single piece stainless steel.
- Interlock function: UV lamp and front window; UV lamp and blower, fluorescent lamp; Blower and front window.
- Front 10°slanted to offer operator comfort while working for long time, reduce glare and maximize reach into the work area.

Parameters by Models

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Model:	YR0472	YR0472-1
Power Supply:	AC220V, 50Hz ,	AC110V, 60Hz ,
External Size (WxDxH):	1383*775*2295mm	
Internal Size (WxDxH):	1210*660*660mm	
Work Surface Height:	750mm	
Max Opening:	550mm (22")	
Tested Opening:	Safety height 200mm (8")	
Airflow Volume:	Inflow: 465m ³ /h(275cfm)	
	Down flow:	
	Exhaust: 36%:488m ³ /h(287cfm)	
Front Window:	Motorized. Two-layer laminated toughened glass ≥5mm. Anti UV	
HEPA Filter:	Two, 99.999% efficiency at 0.3um, filter life indicator	
Filter Guard Type:	Aluminum alloy frame	
Noise:	EN 12469≤60 Db	
Illumination:	≥1000Lux	
Display:	LCD Display	
Waterproof Socket:	2, Total consumption:≤500W	
Tap:	Water tap*1, Gas tap *1	
Ground Resistance:	≤ 0.10Ω	
Consumption:	≤600W	
Alarm:	Abnormal airflow velocity; Filter change; Front Window over height	
Motor:	One ECM motor, 110V& 220V acceptable, Speed adjustable, high efficiency and low power consumption	
Material:	Working area: 304stainless steel Frame and Decorative Plate: cold-rolled steelwith anti-bacteria power coating	
UV Lamp :	30W Germicidal UV lamp, Emission of 253.7 nanometers for most efficient decontamination	
Standard Accessory:	Fluorescent lamp, UV lamp *2, Base stand, SS water & gas taps, Drain valve, Waterproof sockets, Stainless Steel I.V. Bar with 10 hooks, Remote control	
Optional Accessory:	Armrest, Airflow tester, Formalin fumigation sterilizer, Infrared sterilizer, Adjustable base stand, Remote control	
Package Size (WxDxH):	1540*1080*1900mm	
Gross Weight:	334kg	

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Options available for EN Certified Biological Safety Cabinet 02 :

Variation

(YR0472) 220V,
(YR0472-1) 110V (+\$ 500.00).