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ISO : 9001:2015
ISO : 13485:2016

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Plot at KH No.9/25/2, 13/5/1 Industrial Area
Nangli Sakrawati, Najafgarh, New Delhi- 110043.

HORIZONTAL LAMINAR AIR FLOW

► BASIC SERIES

DESCRIPTION

Horizontal Laminar Flow cabinet provides as sterile work zone through a purified air that travels in a horizontal, unidirectional stream and leaves the main work chamber across the entire open front of the cabinet

KEY FEATURES

- H14 HEPA Filter
- Sliding glass door for sash opening.
Dynamically balanced Centrifugal Blower
- LED,UV,BLOWER controlled by manual switch
- Manual Manometer to mesure pressure
- Changable pre-filter
- Custer wheels for easy moveability

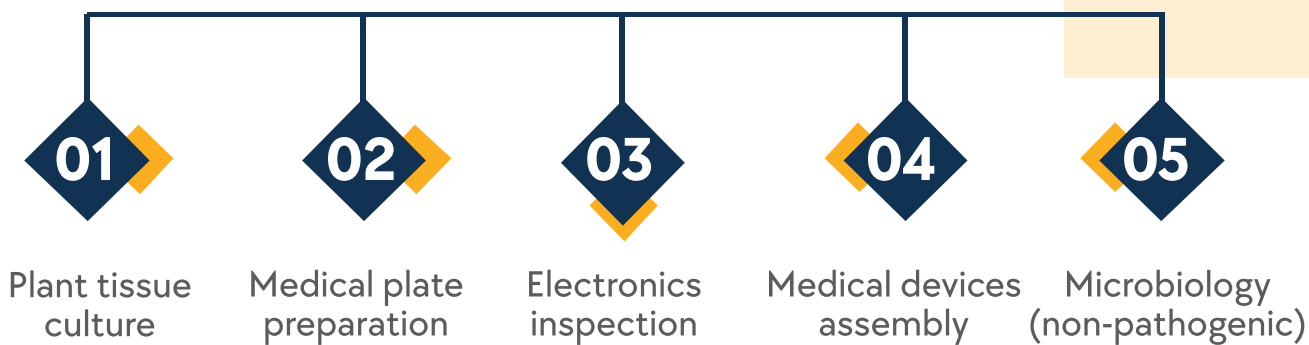


CERTIFICATION

01 BSEN 12469 : 2000

02 CE

APPLICATIONS



SPECIFICATIONS

Model		AMBI-LAF-2000HE	AMBI-LAF-3000HE	AMBI-LAF-4000HE	AMBI-LAF-6000HE
LAF Classification	Type	Horizontal	Horizontal	Horizontal	Horizontal
	Air Flow Direction	Towards front door	Towards front door	Towards front door	Towards front door
Dimensions	Interior Dimensions W x H x D	2' x 2' x 2'	3' x 2' x 2'	4' x 2' x 2'	6' x 2' x 2'
Electrical Data	Voltage	220 V	220 V	220 V	220 V
	Frequency	50 Hz	50 Hz	50 Hz	50 Hz
Filter	Supply Filter	H14 grade HEPA filter	H14 grade HEPA filter	H14 grade HEPA filter	H14 grade HEPA filter
	Efficiency	99.97% with 0.3 micron	99.97% with 0.3 micron	99.97% with 0.3 micron	99.97% with 0.3 micron
	Pre Filter	F7 rating	F7 rating	F7 rating	F7 rating
	Efficiency	90% with 5 micron	90% with 5 micron	90% with 5 micron	90% with 5 micron
Ergonomics & Utilities	LED Light	600 Lux	600 Lux	600 Lux	600 Lux
	UV Light	254 nm	254 nm	254 nm	254 nm
	ON/OFF Buttons	Manual switch	Manual switch	Manual switch	Manual switch
Operation	Blower (ON/OFF Buttons)	Manual switch	Manual switch	Manual switch	Manual switch
Work Aperture	Sash Opening	Sliding	Sliding	Sliding	Sliding
	Sound Pressure Level	< 65 dB	< 65 dB	< 65 dB	< 65 dB
	Energy consumption	180 watt	180 watt	300 watt	360 watt
Air Velocity	Velocity	100 FPM (+/- 20)	100 FPM (+/- 20)	100 FPM (+/- 20)	100 FPM (+/- 20)
Blower	Certrifugal Blower	Yes	Yes	Yes	Yes
MOC	Internal working Surface	SS304 sheet	SS304 sheet	SS304 sheet	SS304 sheet
	External body	GI Powder coated	GI Powder coated	GI Powder coated	GI Powder coated
Stand	Height	750mm	750mm	750mm	750mm
	Castor Wheel	Yes	Yes	Yes	Yes
	MOC (Castor Wheel)	GI Pipe	GI Pipe	GI Pipe	GI Pipe

*Optional - Material of construction outer body SS 304 sheet

OPTIONAL ACCESSORIES

CAT NO.	DESCRIPTION
AMBI - LAF - AC11	Magnehelic gauge
AMBI - LAF - AC12	Gas cock
AMBI - LAF - AC13	Hight adjustable leveling fit for stand