VERTICAL LAMINAR AIRFLOW

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In a vertical laminar airflow system, the filter is located at the top of the cabinet from where the room air enters the working area. As the filtered air flows vertically downwards towards the work surface, the contaminants, including bacteria or particles, are removed, creating an environment with clean and filtered air.

Used in Electronic sectors, Industrial sectors, Medical, Pharmaceutical, Healthcare.

LTLAM11 VERTICAL LAMINAR AIR FLOW

Microprocessor controller

Pre-filter: Polyester fiber, washable

UV Lamp: Emission of 253.7 nanometers

Waterproof socket: Two, total load≤500W

Display Airflow velocity, UV timer, UV work time, system work time, real time

SPECIFICATIONS

Model	LTLAM11-1	LTLAM11-2
Type	Vertical Laminar Flow	
Airflow Velocity	Average of 0.3~0.5m/s	
HEPA Filter	99.999% efficiency at 0.3μm	
Pre-filter	Polyester fiber, washable	
Work Surface Height	750mm	
Main Body Material	Cold-rolled steel with anti-bacteria powder coating	
Work Table Material	304 stainless steel	
Side and Front Window Material	5mm toughened glass, anti-UV	
UV Lamp	30 Wx1 Emission of 253.7 nanometers	40 Wx1 Emission of 253.7 nanometers
LED Lamp	12W x1	16W x1
Display	LCD display	
Front Window	Motorized	
Max Opening	430 mm	
Caster	Universal caster with leveling feet	
Waterproof Socket	Two, total load≤500W	
Standard Accessory	LED lamp, UV lamp x2, Base stand, Gas Tap, Waterproof socket x2	
Optional Accessory	Electric height adjustable base stand	
Internal Size	1200Wx645Dx610 mm	1700Wx645Dx610 mm
External Size	1300Wx750Dx2040H mm	1800Wx750Dx2040H mm
Packaging Size	1460x1070x1650mm	1960x970x1600mm
Gross Weight	228kg	306kg
Noise	<65dB	
Consumption	400 W	450 W

Power Supply	AC220V±10%, 50/60Hz;110V±10%, 60Hz	AC220V±10%, 50/60Hz; 110V±10%, 60Hz

LTLAM12 VERTICAL LAMINAR AIR FLOW

Microprocessor controller
Pre-filter: Polyester fiber, washable
UV Lamp: Emission of 253.7 nanometers

SPECIFICATIONS

Model	LTLAM12-1	LTLAM12-2	LTLAM12-3	LTLAM12-4
Type	Vertical Laminar Flow			
Air Flow Velocity	Average of 0.3~0.5m/s, air speed adjustable.		Average of 0.3~0.45m/s, air speed adjustable.	
HEPA Filter	99.995% efficiency at 0.3μm			
Pre-filter	Polyester fiber, washable			
Work Surface Height	/	660mm	750mm	
Max Opening	/	490mm	400mm	
Front Window	/	Manual, 5mm toughened glass, anti-UV		
UV Lamp	15Wx1 Emission of 253.7 nanometers	20Wx1 Emission of 253.7 nanometers		40Wx1 Emission of 253.7 nanometers
illuminating Lamp	Fluorescent lamp 8W*1	LED lamp 8W*1	LED lamp 12W*1	LED lamp 16W*1
Display	LED Display		LCD Display	
Main Body Material	Cold-rolled steel with anti-bacteria powder coating			
Work Table Material	304 stainless steel	/	304 stainless steel	
Caster	/	Universal wheel with leveling feet		
Standard Accessory	Fluorescent lamp; UV lamp x2; Water & gas tap.	LED lamp; UV lamp x2; Base stand;	LED lamp; UV lamp x2; Base stand.	
Optional Accessory	/	Electric height adjustable base stand		
Noise	<65dB			
Internal Size	630Wx375Dx615H mm	800x530Dx540H mm	935Wx530Dx650H mm	1335Wx530Dx650H mm
External Size	680Wx410Dx1160 mm	802Wx650Dx1550 mm	1060Wx620Dx1850 mm	1460Wx620Dx1850 mm
Package Size	840Wx560Dx1380H mm	960Wx800Dx1800H mm	1240Wx900Dx1350H mm	1640Wx900Dx1350H mm
Gross Weight	50kg	116kg	185kg	231kg
Consumption	160W	350W	150W	250W
Power Supply	AC220V±10%, 50/60 Hz; 110V±10%, 60Hz			

LTLAM12-1   LTLAM12-2   LTLAM12-3   LTLAM12-4

LTLAM13 VERTICAL LAMINAR AIR FLOW

Microprocessor controller
Double side work bench, operators can sit face to face
Pre-filter: Polyester fiber, washable
UV lamp: Emission of 253.7 nanometers

SPECIFICATIONS

Model	LTLAM13-1	LTLAM13-2
Type	Vertical Laminar Flow	
Air Flow Velocity	Average of 0.3~0.5m/s	
HEPA Filter	99.995% efficiency at 0.3µm	
Pre-filter	Polyester fiber, washable	
Work Surface Height	750mm	
Max Opening	310mm	
Front Window	Manual, 5mm toughened glass, anti-UV	
UV Lamp	20W*1 Emission of 253.7 nanometers	30Wx1 Emission of 253.7 nanometers
LED Lamp	12Wx1	16Wx1
Display	LCD display	
Main Body Material	Cold-rolled steel with anti-bacteria powder coating	
Work Table Material	304 stainless steel	
Caster	Universal caster with leveling feet	
Standard Accessory	LED lamp, UV lamp x2, Base stand.	
Optional Accessory	Electric height adjustable base stand	
Noise	<65dB	
Internal Size	940Wx560Dx545H mm	1340Wx560Dx545Hmm
External Size	1040Wx660Dx1770 mm	1440Wx660Dx1770 mm
Package Size	1190Wx890Dx1340H mm	1590Wx890Dx1340H mm
Gross Weight	150kg	186kg
Consumption	350W	600W
Power Supply	AC220V±10%, 50/60 Hz; 110V±10%, 60 Hz	

LTLAM13-1

LTLAM13-2

LTLAM13 VERTICAL LAMINAR AIR FLOW

ETL certified, Satisfy North American market.
With memory function in case of power-failure.
Audio and visual alarm(Abnormal airflow velocity).
Interlock function: UV Lamp and blower LED Lamp.

SPECIFICATIONS

Model	LTLAM13-3	LTLAM13-4	LTLAM13-5
Type	The ETL certified vertical laminar flow cabinet	The ETL certified vertical laminar flow	
Airflow Velocity	Average of 80~99 fpm		
HEPA Filter	One,99.995% efficiency at 0.3μm		
Pre-Filter	Polyester fiber		
Work Surface Height	750~1010mm		
Max Opening	480mm		
Working area Material	304 stainless steel		
Main Body Material	1.2mm Cold-rolled steel with anti-bacteria powder coating.		
Front Window Material	Motorized, 5mm toughened glass, anti-UV		
Waterproof Sockets	One socket (Double type), America standard, Max.Power: 500W		
UV Lamp	18W x1	30W x1	
LED Lamp	10W x1	14W x1	
Display	LCD Display		
Illumination	≥300lx		
Noise	≤68dB(A)		
Standard Accessory	Manually height adjustable base stand; LED lamp; UV lamp; Wind speed sensor; Waterproof socket.		
Internal Size	700Wx575Dx625H mm	1000Wx575Dx625H mm	1200Wx575Dx625H mm
External Size	800x700x(2090~2340)mm	1100x700x(2090~2340)mm	1300x700x(2090~2340)mm
Package Size	940Wx970Dx1560H mm	1240Wx970Dx1560H mm	1440Wx970Dx1560H mm
Gross Weight	190kg	230kg	265kg

Consumption	750W	950W
Power Supply	110V±10%V, 60HZ	

Model	LTLAM13-6	LTLAM13-7
Type	The ETL certified vertical laminar flow	
Airflow Velocity	Average of 80~99 fpm	
HEPA Filter	One,99.995% efficiency at 0.3μm	
Pre-Filter	Polyester fiber	
Work Surface Height	750~1010mm	
Max Opening	480mm	
Working area Material	304 stainless steel	
Main Body Material	1.2mm Cold-rolled steel with anti-bacteria powder coating.	
Front Window Material	Motorized, 5mm toughened glass, anti-UV	
Waterproof Sockets	One socket (Double type), America standard, Max.Power: 500W	
UV Lamp	40W x1	
LED Lamp	18W x1	22W x1
Display	LCD Display	
Illumination	≥300lx	
Noise	≤68dB(A)	
Standard Accessory	Manually height adjustable base stand; LED lamp; UV lamp; Wind speed sensor; Waterproof socket.	
Internal Size	1400Wx575Dx625H mm	1700Wx575Dx625H mm
External Size	1500x700x(2090~2340)mm	1800x700x(2090~2340)mm
Package Size	1640Wx970Dx1560H mm	1940Wx970Dx1560H mm
Gross Weight	280kg	320kg
Consumption	950W	1150W
Power Supply	110V±10%V, 60HZ	

LTLAM13-3

LTLAM13-4

LTLAM13-5

LTLAM13-6

LTLAM13-7

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