

# VERTICAL LAMINAR AIRFLOW



# VERTICAL LAMINAR AIRFLOW

Engineered to create a particle-free working environment and provide product protection. It is suited for use with non-hazardous contaminants and creates a clean work environment over a wide range of applications.

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

Also known as Tissue Culture Hood, Laminar Air Flow Cabinet, Laboratory Laminar Flow, Laboratory Laminar Air Flow, Laminar Flow Cabinet, Minimal-Turbulence Air Flow, Laminar Flow Cabinet, Laminar Flow Hood, Laminar Flow.

## LAF31 VERTICAL LAMINAR AIR FLOW

Microprocessor controller

Pre-filter: Polyester fiber, washable

UV Lamp: Emission of 253.7 nanometers

Waterproof socket: Two, total load  $\leq 500W$

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



## SPECIFICATIONS

Model	LAF31-1200	LAF31-1700
Type	Vertical Laminar Flow	
Average Air Flow Velocity	0.3~0.5m/s	
HEPA Filter Efficiency	99.99% efficiency at 0.3 $\mu m$	
UV Lamp	30Wx1	40Wx1
Fluorescent Lamp	28Wx1	36Wx1
Max Opening	430 mm	
Front Window	Motorized, 5 mm toughened glass anti-UV	
Caster	Universal caster with leveling feet	-
Chamber Material	Cold-rolled steel coated with anti-bacteria powder coating, Work table: Stainless Steel 304	
Standard Accessory	Fluorescent lamp, UV lamp*2, Base stand, Gas Tap, Waterproof socket*2	
Work Surface Height	750 mm	
Internal Size in (WxDxH)	1200x645x610 mm	1700x645x610 mm
Overall Dimension	1310x750x2040 mm	1800x750x2040 mm
Packaging Size	1460x1070x1650 mm	1960x970x1600 mm
Display	LCD	
Noise Level	< 60dB	
Weight	228 kg	306 kg
Power	400 W	450 W
Power Supply	AC220V $\pm$ 10%, 50/60Hz; 110V $\pm$ 10%, 60Hz	



LAF31-1200



LAF31-1700

## LAF32-0630 VERTICAL LAMINAR AIR FLOW

Microprocessor controller

Pre-filter: Polyester fiber, washable

UV Lamp: Emission of 253.7 nanometers



### SPECIFICATIONS

Model	LAF32-0630
Type	Vertical Laminar Flow
Average Air Flow Velocity	0.3~0.5m/s, air speed adjustable
HEPA Filter Efficiency	99.99% efficiency at 0.3 $\mu$ m
UV Lamp	15Wx1
Fluorescent Lamp	14Wx1
Caster	Universal wheel with leveling feet
Chamber Material	Cold-rolled steel coated with anti-bacteria powder coating, Work table: Stainless Steel 304
Standard Accessory	Fluorescent lamp, UV lamp*2, Water & gas tap
Internal Size in (WxDxH)	630x375x615 mm
Overall Dimension	680x410x1160 mm
Packaging Size	840x560x1380 mm
Display	LED
Noise Level	< 60dB
Weight	50 kg
Power	160 W
Power Supply	AC 220V $\pm$ 10%, 50/60 Hz; 110V $\pm$ 10%, 60HZ

# LAF33-0800 VERTICAL LAMINAR AIR FLOW

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



## SPECIFICATIONS

Model	LAF33-0800
Type	Vertical Laminar Flow
Average Air Flow Velocity	0.3~0.5m/s, air speed adjustable
HEPA Filter Efficiency	99.99% efficiency at 0.3 μm
UV Lamp	20W×1
Fluorescent Lamp	14W×1
Max Opening	490 mm
Front Window	Manual, 5 mm toughened glass, anti-UV
Caster	Universal wheel with leveling feet
Chamber Material	Cold-rolled steel coated with anti-bacteria powder coating, Work table: Stainless Steel 304
Standard Accessory	Fluorescent lamp, UV lamp*2, Base stand
Work Surface Height	660 mm
Internal Size in (WxDxH)	800x600x540 mm
Overall Dimension	802x650x1550 mm
Packaging Size	960x800x1800 mm
Display	LED
Noise Level	< 60dB
Weight	116 kg
Power	350 W
Power Supply	AC 220V±10%, 50/60 Hz; 110V±10%, 60HZ

# LAF34 VERTICAL LAMINAR AIR FLOW

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



## SPECIFICATIONS

Model	LAF34-0940	LAF34-1340
Type	Vertical Laminar Flow	
Average Air Flow Velocity	0.3~0.5m/s, air speed adjustable	
HEPA Filter Efficiency	99.99% efficiency at 0.3 μm	
UV Lamp	18W×1	30W×1
Fluorescent Lamp	21W×1	28W×1
Max Opening	350 mm	
Front Window	Manual, 5 mm toughened glass, anti-UV	
Caster	Universal wheel with leveling feet	
Chamber Material	Cold-rolled steel coated with anti-bacteria powder coating, Work table: Stainless Steel 304	
Standard Accessory	Fluorescent lamp, UV lamp*2, Base stand	
Work Surface Height	750 mm	
Internal Size in (WxDxH)	940x540x545 mm	1340x540x545 mm
Overall Dimension	1040x615x1770 mm	1440x615x1770 mm
Packaging Size	1190x890x1340 mm	1590x890x1330 mm
Display	LED	
Noise Level	< 60dB	
Weight	150 kg	174 kg
Power	350 W	600 W
Power Supply	AC 220V±10%, 50/60 Hz; 110V±10%, 60HZ	



LAF34-0940



LAF34-1340

# LAF35 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	LAF35-0940	LAF35-1340
Type	Vertical Laminar Flow	
Average Air Flow Velocity	0.3~0.5m/s	
HEPA Filter Efficiency	99.99% efficiency at 0.3 μm	
UV Lamp	18Wx1	30Wx1
Fluorescent Lamp	21Wx1	28Wx1
Max Opening	350 mm	
Front Window	Manual, 5 mm toughened glass, anti-UV	
Caster	Universal wheel with leveling feet	
Chamber Material	Cold-rolled steel coated with anti-bacteria powder coating, Work table: Stainless Steel 304	
Standard Accessory	Fluorescent lamp, UV lamp*2, Base stand	
Work Surface Height	750 mm	
Internal Size in (WxDxH)	940x560x545 mm	1340x560x545 mm
Overall Dimension	1040x660x1770 mm	1440x660x1770 mm
Packaging Size	1190x890x1340 mm	1590x890x1340 mm
Display	LED	
Noise Level	< 60dB	
Weight	150 kg	174 kg
Power	350 W	600 W
Power Supply	AC 220V±10%, 50/60 Hz; 110V±10%, 60 HZ	



LAF35-0940



LAF35-1340





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