

# VERTICAL LAMINAR AIR FLOW



# VERTICAL LAMINAR AIR FLOW

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

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

## LV21 SERIES VERTICAL LAMINAR AIR FLOW



LV211, LV212



LV213



LV214



LV215, LV216

### FEATURES

Microprocessor controller

Pre-filter: Polyester fiber, washable

UV Lamp: Emission of 253.7nanometers

Waterproof socket: Two, total load≤500W

Display Airflow velocity, UV timer, UV period of time, system period of time, real time

LV211	LV212	LV213	LV214	LV215	LV216
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### SPECIFICATIONS

Model	LV211	LV212	LV213
Type	Vertical Laminar Flow		
Average Air Flow Velocity	0.3~0.5 m/s		0.3~0.5 m/s, air speed adjustable
HEPA Filter Efficiency	99.99% efficiency at 0.3 μm		
UV Lamp	30 W×1	40 W×1	15 W×1
Fluorescent Lamp	28 W×1	36 W×1	14 W×1
Max Opening	430 mm		-
Front Window	Motorized, 5 mm toughened glass anti-UV		-
Caster	Universal caster with leveling feet	-	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, Gas Tap, Waterproof socket*2	Fluorescent lamp, UV lamp*2, Water & gas tap	
Work Surface Height	750 mm		-
Internal Size in (WxDxH)	1200x645x610 mm	1700x645x610 mm	630x375x615 mm
Overall Dimension	1310x750x2040 mm	1800x750x2040 mm	680x410x1160 mm
Packaging Size	1460x1070x1650 mm	1960x970x1600 mm	840x560x1380 mm
Display	LCD		LED
Noise Level	< 60dB	< 60 dB	
Weight	228 kg	306 kg	50 kg
Power	400 W	450 W	160 W
Power Supply	AC220 V±10%, 50/60 Hz; 110 V±10%, 60 Hz		AC 220 V±10%, 50/60 Hz; 110 V±10%, 60 HZ

Model	LV214	LV215	LV216
Type	Vertical Laminar Flow		
Average Air Flow Velocity	0.3~0.5 m/s, air speed adjustable		
HEPA Filter Efficiency	99.99% efficiency at 0.3 μm		
UV Lamp	20 W×1	18 W×1	30 W×1
Fluorescent Lamp	14 W×1	21 W×1	28 W×1
Max Opening	490 mm	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	660 mm	750 mm	
Internal Size in (WxDxH)	800x600x540 mm	940x540x545 mm	1340x540x545 mm
Overall Dimension	802x650x1550 mm	1040x615x1770 mm	1440x615x1770 mm
Packaging Size	960x800x1800 mm	1190x890x1340 mm	1590x890x1330 mm
Display	LED		
Noise Level	< 60 dB		
Weight	116 kg	150 kg	174 kg
Power	350 W		600 W
Power Supply	AC 220 V±10%, 50/60 Hz; 110 V±10%, 60 HZ		

## ACCESSORIES

Accessory Code	Name	For Models
LX1001	Fluorescent lamp	All
LX1002	Gas tap	LV211, LV212, LV213
LX1003	Total load of two waterproof sockets: 500W	LV211, LV212

LX1004	UV Lampx2	All
LX1005	Base Stand	LV211, LV212, LV214, LV215, LV216
LX1008	Water Tap	LV213

## LV22 SERIES 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 253.7nanometers



### SPECIFICATIONS

Model	LV221	LV222
Type	Vertical Laminar Flow	
Average Air Flow Velocity	0.3~0.5 m/s	
HEPA Filter Efficiency	99.99% efficiency at 0.3 $\mu$ m	
UV Lamp	18 Wx1	30 Wx1
Fluorescent Lamp	21 Wx1	28 Wx1
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	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	< 60 dB	
Weight	150 kg	174 kg
Power	350 W	600 W
Power Supply	AC 220 V $\pm$ 10%, 50/60 Hz; 110 V $\pm$ 10%, 60 HZ	

## ACCESSORIES

Accessory Code	Name
LX1001	Fluorescent lamp
LX1004	UV Lampx2
LX1005	Base Stand

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