

PP Ducted Fume Hoods



PP Ducted Fume Hoods

PP Ducted Fume Hoods are ventilation units with an in-built PP centrifugal blower for resistance free elimination of toxic or contaminated vapors. The fume hood features a manually operated acid and alkali resistant front window. The phenolic resin chemical resistant work table gives it a durable and presentable appearance.

Features

- Memory function available in case of power failure
- Bright light visualization through height adjustable front glass window
- Microprocessor control system
- LED display for digital visualization of the running parameters
- Anti-corrosive toughened glass window

Applications

Used for personnel protection during microelectronics work, semi-conductor design, chemical research, and development and production assembly processes in industries, laboratories, etc.

Specifications

Model No.	LPDF-A10	LPDF-A11
External Size (W × D × H)	1040 × 750×2200 mm	1240 × 800 × 2200 mm
Internal Size (W × D × H)	820 × 520 × 872 mm	1020 × 570 × 872 mm
Work Surface Height	740 mm	740 mm
Max Opening	815 mm	815 mm
Air Velocity	0.3 m/s ~ 0.6 m/s	0.3 m/s ~ 0.6 m/s
Noise	≤60 dB	≤60 dB
Illuminating lamp	LED Lamp	Fluorescent Lamp

Illuminating lamp power	12 W	30 W
Illuminating lamp quantity	1	1
Power Supply	AC 220 V \pm 10%, 50 Hz	AC 220 V \pm 10%, 50 Hz
	AC 110 V \pm 10%, 60 Hz	AC 110 V \pm 10%, 60 Hz
Consumption	330W	360W
Main body material	Porcelain white 8 mm	Porcelain white 8 mm
Work table material	phenolic resin	phenolic resin
Packing dimensions- Main body (W \times D \times H)	1120 \times 840 \times 1620 mm	1320 \times 880 \times 1620 mm
Packing dimensions- Cabinet (W \times D \times H)	1120 \times 8040 \times 1040 mm	1320 \times 880 \times 1040 mm
Gross Weight	160 kgs	198 kgs

Model No.	LPDF-A12	LPDF-A13
External Size (W \times D \times H)	1540 \times 800 \times 2200 mm	1840 \times 800 \times 2200 mm
Internal Size (W \times D \times H)	1320 \times 570 \times 872 mm	1620 \times 570 \times 872 mm
Work Surface Height	740 mm	740 mm
Max Opening	815 mm	815 mm
Air Velocity	0.3 m/s ~ 0.6 m/s	0.3 m/s ~ 0.6 m/s
Noise	\leq 60 dB	\leq 60 dB
Illuminating lamp	Fluorescent Lamp	Fluorescent Lamp
Illuminating lamp power	30 W	36 W
Illuminating lamp quantity	2	2
Power Supply	AC 220 V \pm 10%, 50 Hz	AC 220 V \pm 10%, 50 Hz
	AC 110 V \pm 10%, 60 Hz	AC 110 V \pm 10%, 60 Hz

Consumption	360 W	360 W
Main body material	Porcelain white 8 mm	Porcelain white 8 mm
Work table material	phenolic resin	phenolic resin
Packing dimensions- Main body (W × D × H)	1620 × 880 × 1620 mm	1920 × 880 × 1620 mm
Packing dimensions- Cabinet (W × D × H)	1610 × 880 × 1040 mm	1920 × 880 × 1040 mm
Gross Weight	225 kgs	259 kgs

Standard accessories

Sr. No.	Name of the accessory	Quantity
1	Illuminating lamp	1
2	Water tap	1
3	Gas tap	1
4	Water sink	1
5	Base cabinet	1
6	Waterproof sockets	2
7	PVC duct (4 meters)	1 (LPDF-A10, LPDF-A11 and LPDF-A12) 2 (LPDF-A13)

Optional accessories

Sr. No.	Name of the accessory
1	PP work table, epoxy resin board or ceramic board
2	Outer centrifugal blower