

# Ductless Fume Hood FM-DFL-A100



## Description :

Ductless Fume Hood FM-DFL-A100 is a floor standing unit with microprocessor control system, and LED display. It comes with 880 × 730 × 745 mm chamber dimension, 520 mm maximum opening and 9 levels adjustable air speed. Equipped with UV lamp for effective sterilization of working environment, centrifugal blower and electronic control system. Designed with three side transparent toughened glass window, anti-UV motorized sliding design front window and waterproof sockets, 4 caster wheel for easy movement, water sink, water tap, gas tap, foot switch, exhaust, active carbon filter and chemical resistant phenolic resin work table.

## Specifications :

Internal dimension (W × D × H)	880 × 730 × 745 mm
External dimension (W × D × H)	1000 × 840 × 2150 mm
Work surface height	750 mm
Maximum opening	520 mm
Air velocity	0.3 to 0.8 m/s
Noise	≤ 68 dB
LED lamp	8 W × 1
UV lamp	Emission of 253.7 nm for most efficient decontamination
Blower	Built-in centrifugal blower, speed adjustable with 9 levels
Front window	Motorized 5 mm anti-UV toughened glass

Material	Exterior	Cold-rolled steel with anti-bacteria powder coating.
	Work table	Chemical resistant phenolic resin
Waterproof sockets	1 pcs	
Power	400 W	
Power supply	AC 220 V $\pm$ 10%, 50/60 Hz; 110 V $\pm$ 10%, 60 Hz	
Packaging dimension (W x D x H)	1150 x 1120 x 1680 mm	
Gross weight	230 kg	

## Features :

- Ductless type of fume hood
- 9 levels adjustable air speed
- Resistance to weak acid and alkali
- UV lamp for effective sterilization of working environment
- Built-in centrifugal blower
- Three side transparent glass window, anti-UV motorized sliding design front window
- Microprocessor control system
- Digital LED display
- 4 Casters for easy movement
- Chemical resistant phenolic resin work table
- Ergonomically design 8 degree front slope
- External material made up of cold rolled steel with anti-bacterial powder coating
- Recovery function from power failure
- Alarm when filter work time is 3500 hours

## Applications:

Used for providing effective working environment for laboratory experiments in various fields of microbiology, chemical, biotechnology, research centers etc.

## Accessories:

Accessories no.	Accessories name	Unit
1	Water tap	1
2	Gas tap	1
3	Water sink	1
4	Base stand	1
5	UV lamp	2
6	LED lamp	1
7	Socket	
8	4 m exhaust duct	1
9	Active carbon filter	1
10	Foot switch	1

## Accessories Optional:

Accessories no.	Accessories name	Unit
1	UV lamp	1
2	LED lamp	1
3	Active carbon filter	1



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