

# Laminar Flow Cabinet

ALMICRO<sup>®</sup>

## Safe Working Environmental

Laminar flow cabinet is an equipment which creates partial particles-free environment. Air flow pattern includes horizontal and vertical type, this laminar flow cabinet is vertical type.



Laminar Flow Cabinet-sample protection only

Laminar Flow Cabinet is a work bench or similar enclosure, which creates a particle-free working environment by taking air through a filtration system and exhausting it across a work surface in a laminar or unidirectional air stream.

The laminar flow cabinet is enclosed on the sides and kept under constant positive pressure in order to prevent the infiltration of contaminated room air.

Laminar flow cabinet is widely used in medical research laboratories, hospitals, manufacturing facilities and other research and production environments.



### Models:

Model	MBS-V680	MBS-V800	MBS-DDC	MBS-SDC
External Size (W*D*H), mm	680*410*1160	802*650*1550	1040*615*1770	1440*615*1770
Internal Size (W*D*H), mm	630*375*615	800*530*540	940*540*545	1340*540*545
Work Surface Height	/	660mm	750mm	750mm
Display	LED Display			
Airflow Velocity	Average of 0.3~0.5m/s, air speed adjustable.			
Material	Main Body: Cold-rolled steel with anti-bacteria powder coating			
	Work Table: 304 stainless steel(except model LMBS-V680)			
Pre-filter	Polyester fiber, washable			
HEPA Filter	99.999% efficiency at 0.3um			
Noise	<65dB			
Front Window	/	Manual, 5mm toughened glass, anti-UV		
Max Opening	/	490mm	310mm	310mm
Illuminating Lamp	Fluorescent Lamp 8W*1	LED Lamp 8W*1	LED Lamp 12W*1	LED Lamp 16W*1
UV Lamp	15W*1	20W*1	18W*1	30W*1
	Emission of 253.7 nanometers			
Consumption	160W	350W	350W	600W
Standard Accessory	Fluorescent lamp, UV lamp*2 Water & gas tap	LED Lamp, UV lamp*2, Base stand		
Optional Accessory	/	Electric height adjustable base stand		
Caster	/	Universal wheel with leveling feet		
Power Supply	AC 220V±10%, 50/60 Hz; 110V±10%, 60HZ			
Gross Weight	50kg	116kg	131kg	174kg
Package Size (W*D*H)mm	840*560*1380	960*800*1800	1200*850*1360	1600*850*1360

### Accessories:

Standard Accessory:

- Fluorescent lamp • UV lamp\*2 (For all models) • Water & gas tap (for model MBS-V680)
- Base stand (except model MBS-V680)