

FUME VENTILATOR SYSTEM



Think about our nature, let's breath the pure air!

LASER FUME / ODOR / NOXIOUS GAS VENTILATOR



FV-1000

FUME VENTILATOR SHOULD BE USE WITH...



GCC LASER ENGRAVER MERCURY

GCC LASER ENGRAVER SPIRIT

GCC LASER ENGRAVER C180

LIBRA-43 LASER ENGRAVER

LIBRA-480 LASER ENGRAVER

ETAN LASER MARKING M/C.



FUME VENTILATOR SYSTEM

Laser Fume Ventilator is designed for filtrating hazardous fumes and dusts which is generated in the process of laser processing, like laser cutting / engraving / marking / welding / cladding / coding etc. The main function of them is protecting the health of the employees, keeping the machines performance and decreasing environment pollution. Meantime, it can increase product quality, reduce potential cost.

They are used in laser processing Acrylic (PMMA), Wood, MDF, Leather, PVC, Paper, PCB, Cloth, Plastic, Metal, Solar cell parts etc.

SPECIFICATIONS

MODEL NO.	FV-1000
Max. Airflow	1000 m ³ /h
Input Power	750W
Voltage	220V, 50/60Hz
Motor Life -Time	≥ 20,000h
Air Pressure	2200Pa
Filtration Rate	≥ 99.7%
Noise	< 65dBA
Size	500 x 520 x 1250 mm
Net Weight	95 kg
Inlet Diameter	100 mm

Specifications are liable to change without prior notice.

Fume ventilator system include many different material filters. Fumes will be filtrated by Primary Filter, Pre Filter, Main Filter & Gas Filter. Then fresh air will come back to indoor space.



▶ **Primary Filter : F-00**
G3, Class non-woven pas to filtrate large dust and particles, easy to replace, low cost.



▶ **Pre Filter : F-01**
We have few different types high performance pre filter, such as filter pad, filter frame, filter bag, etc. they are used to collect larger particles over 1-3 microns to prevent them from prematurely blocking the main filters.



▶ **Main Filter: F-02**
The main filter used in Fume Ventilator have been designed to offer many unique features.

- Maximum Airflow : The filter design allow the use of high pressure blowers to overcome the resistance to air-flow through a filter for much longer as the filter begins to block. This means the filters last longer.
- Maximum Filtration : It can remove 99.997% of all particles above 0.3 microns and 95% down 0.01 micron.
- Flow Equalisation Plates : Help to distribute the airflow over the filter and make the whole filter more robust.
- Precise and rigid construction : No fumes are allowed to pass around the filter and escape into workplace.



▶ **Gas Filter : F-03**
Fume Ventilator chemical air filters capture contaminant gases from fumes by using Activated Carbon and other mixed materials.



MEHTA CAD CAM SYSTEMS PVT. LTD.

HEAD OFFICE : 4 & 5, 2nd Floor, Sumel Complex,
Opp. GNFC Info Tower, Sarkhej Gandhinagar Road,
Ahmedabad-380 059. INDIA.

Contact:
Tele. : +91 - 79 - 2684 0551 / 2684 0552 / 2684 0553
Fax : +91 - 79 - 2684 0554

For Immediate Assistance, Contact on **092279 85717, 092276 78044** sales@mehtaindia.com www.mehtaindia.com

DELHI | MUMBAI | CHENNAI | BANGALORE | KOLKATA | HYDERABAD | PATNA | CHANDIGARH | INDORE | LUCKNOW | JAIPUR | GUWAHATI | PUNE | RAIPUR | BHUBNESHWAR | JAMMU