

LABORATORY



FUME HOOD

MODEL : MO-HF 900/1200/1500/1800

Four standard model sizes 900(3Ft), 1200(4Ft) 1500(5Ft) 1800(6Ft) (We can custom make any missing sizes on demand)

The fume hoods are used in a variety of life science clinical and industrial applications and the "Air Treatment" offers a safer, secure air recirculation for critical applications.

The Table Top surface has a 98% resistance to Hydrochloric acid sulfate, 35% Nitric acid, 65% Hydrochloric acid, 48% Sodium hydroxide, 25% organic solvent.

Our fume hood is built with unplasticised poly vinyl chloride (u-PVC) internal surfaces (including the work surface) and a polycarbonate sash window. Acid digestion applications use very concentrated acids. Therefore u-PVC interior liner is utilized due to its superior chemical resistance. We use a polycarbonate sash, as glass is easily etched by hydrofluoric acid which is a common acid used in basic applications.



MO-HF SERIES WORK BENCH

Most laboratories demand compliance with rigorous codes and standards. Therefore, selecting the right material for laboratory worktops and furniture is of crucial importance because tests and experiments depend on non-contaminated environments.

Developed especially for laboratory environments, MoonMed Fume Hood work benches remain aesthetically pleasing while offering a high standard of hygiene, strength and durability for diverse surroundings such as chemical, analytical and biological laboratories.

The Electron Beam Curing ensures that each panel surface is easy to clean and resistant to a large number of aggressive chemicals. Thanks to this unique closed surface composition, the products show significantly low dirt pick up, and are impervious to mold and rot, and are resistant to non-abrasive organic cleaning solvents – thus making the product easy to clean and disinfect.

WORK BENCH CHEMICAL RESISTANCE

Used extensively in a wide variety of laboratories worldwide, including chemical, analytical, microbiological and educational laboratories, our Fume Hood work bench is resistant to a large number of aggressive chemicals as identified by SEFA (Scientific Equipment and Furniture Association) and PSI (Professional Services Industries), if cleaned within 24 hours.

ANTIMICROBIAL PERFORMANCE

The work bench has inherent antibacterial properties without the addition of microbial additives. An independent test by British Industrial Microbiological Services Ltd. (IMSL) shows an almost complete elimination of certain bacteria after 24 hours.

LONG LIFE TIME

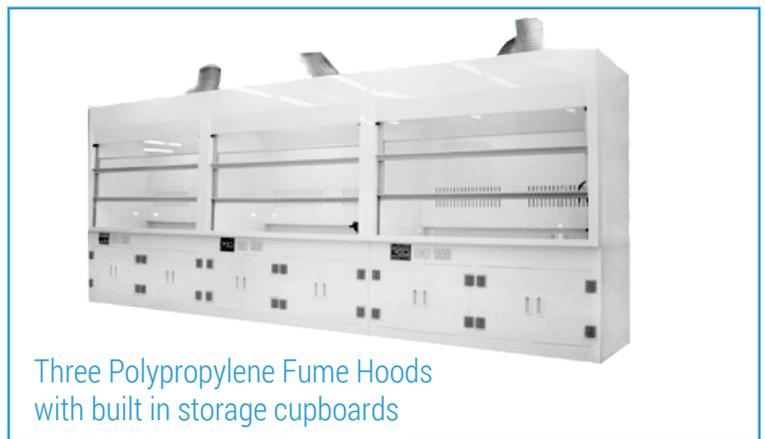
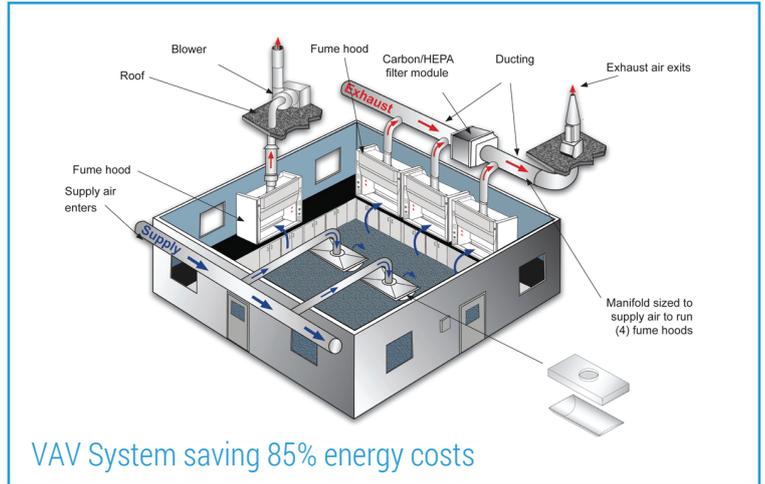
The HF Series work bench is made in versatile materials featuring incredibly durable surfaces. Engineered for moisture and scratch resistance, the products retain their aesthetical appeal throughout their lifetime and this is why they are used in laboratories throughout the world.



Features

Our range of innovative VAV controls are designed specifically to provide variable airflow volume and ensure the safety of the users.

- VAV airflow controls reduce the energy consumption and carbon footprint.
- VAV systems save up to 85% of energy used when the machine is not in use and saves on carbon emissions allowing organizations to meet their carbon reduction targets.
- Front sash made from Polycarbonate as glass is easily etched by hydrofluoric acid.
- Air suction from the top and back
- Airflow velocity of 0.5 meters per second
- Fluorescent LED lighting 600 – 800LUX
- Cabinet below for Chemical storage
- Supplied standard with: 2 x electrical plugs, water tap and sink



Polypropylene Fume Hood



Double Polypropylene Fume Hoods with built in storage cupboards



TECHNICAL DATA

SPECIFICATIONS

MODEL	External Dimensions	Internal Dimensions	Sink	Faucet	Power
MO-HF-900	900x750x2350	700x580x1300	150x100x150	✓	220Vx1
MO-HF-1200	1200x750x2350	1000x580x1200	150x100x150	✓	220Vx1
MO-HF-1500	1500x750x2350	1300x580x1200	150x100x150	✓	220Vx1
MO-HF-1800	1800x750x2350	1600x580x1200	150x100x150	✓	220Vx1

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