FUME HOOD

metrex
An ISO 9001-2015 Certified Company

MODEL : MFH - 100 G

This is a Auto by pass type fume hood model designed for use in academic and research settings. This model gives great functionality for its price. It is extremely spacious and employs a no frills approach to fume hood design to give academic institutions and startups a product that is exactly suited to their needs.

Outer Body : GI Sheet in pleasing powder coated finish.

Vertical Sash : Vertical rising counter-balanced sash , Made of toughened float Glass for impact resistance Smooth and light sash operation. Easily removable hinged top panel.

Inner Walls : Highly Chemical resistant laminated inner work walls.

Electrical Utilities : Factory wired electrical sockets and switches, with Fire retardant wires, Built-in starter for blower.

Ergonomic utilities : PP oval sink for easy drainage, with Black granite top.

Valves : High quality Indian Service valves, allowing for extremely precise flow ,control, far greater than regular ball valves. Color coded brass fitting for gas connections.

OPTIONAL :

Appratus Grid : Grid Structure for attaching and laboratory suspending laboratory equipment.
Base Cabinet : For Apparatus storage, Chemical storage cabinets with castor wheels.

MODEL : MFH-100 G

FUME HOOD (STAINLESS STEEL 304)

MODEL : MFH - 100S

Same as above but chamber made of Stainless Steel 304 with exhaust system.
The storage compartment below are made of GI sheet duly powder coated.

Sizes For : MFH-100 G / MFH-100 S / MFH-100

WORK SPACE L X W X H ft.	EXHAUST DUCT Dia (inch)	FTL
5@y!3@y!3@g/	4#	3!y!31!x bw
7@y!3@y!3@g/	5#	2!y!51!x bw
8@y!3@y!3@g/	5#	2!y!51!x bw

Any other size as per customer order can also be fabricated.

MODEL : MFH-100S

ULTRASONIC BATH

MODEL : MUB - 33

High frequency electrical energy is converted into ultrasound waves by means of ultrasonic Transducers, which are bonded on the base of S.S Cleaning Tank. These high frequency sound waves create in the liquid countless, Microscopic vacuum Bubbles which rapidly expand and collapse. This phenomenon is CAVITATION. These bubbles act like miniature high speed brushes, driving the liquid in to all openings and minute recesses of the object immersed and the object is perfectly cleaned.

Digital Timer	26!N jo/!041!N jo/	**Outer Body**	Tubjonnt t !Tuf f m
Power Input	341!Wpnt	**Temp. Controller**	Ejhjubm
Transducers	Jh qpsf e!Q[U!Tboe!x judi	**Ultrasonic Cutoff**	Bu81!Ef h!D/
Tray	T/T!Spe!Uzqf	**U/S Frequency**	44!Li {
Lid	T/T!Mje!QQnbt ujd	**Input**	281!BD!.!381W!BD

MODEL : MUB-33

Tank Capacity	2/6!M/	3/6!M/	4/6!M/	6/6!M/	: /1!M/
Power O/P watts	61!X	71!X	211!X	261!X	361!X
Tank Size (L x Wx H) mm	346!y!246!y!71	356!y!256!y!81	411!y!261!y!211	361!y!261!y!261	411!y!311!y!261

ULTRASONIC CHILLER

MODEL : MUB - 33 C

Inner & Outer chamber of SS 304. Chiller Temp. 10 to 25°C. with digital temperature controller. Ultrasonic frequency of 33khz, with digital timer 0-30 min. Capacity : 10 ltr. / 20 ltr.