

POLICE



DEPARTMENT

No. C1-224/2018/FSL

Forensic Science Laboratory,

Thiruvananthapuram

dirfsl.pol@kerala.gov.in

04712721533

Dated. 04-04-2018

Specification of Fume Hood

Specification of Fume Hood	
Type	Standard floor standing model.
Air flow type	Standard
Cabinet Construction	316 quality research grade corrosion resistant stainless steel inside and outside with polymer coating or better.
Bottom arrangements	Stainless steel cabinet with cupboards with a horizontal partition and shutters, reinforced with branded locking arrangements and handles.
Baffles	Aerodynamic shape fully made of 3mm Fibre glass reinforced plastic or better
Work top	Easy to clean and chemical and heat resistant granite 19 mm thick with a tolerance of +/- 1mm or better.
Shutter	Single vertical sliding 5mm thick glass door, balanced with counter weight, sash weights, wire.
Exhaust system	Run by dynamically balanced FRP coated Impeller coupled with a heavy duty motor.
Motor	1HP 1440 RPM TEFC- three phase
Motor Brand	Kirloskar/Crompton or better
Blower	1 HP capacity blower
Face velocity	90 to 100 FPM
Air Volume	1000 CFM or better
Air Flow Type	standard
Coupling	Direct
Balancing	Dynamically
Lighting	Fluorescent Lighting Arrangement
Static	2" W.C

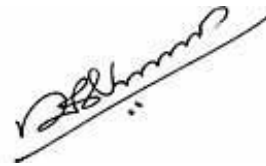


C1-224/2018/FSL



254adf

pressure	2 w.c
Accessories	Gas cock (stainless steel sink) & DOL Starter
Ducting	External ducting including rain protection.
Work top size	150X75 cm.
Warranty	3 years or above
The supplier should visit the site prior to installation and give details of any additional requirements/civil work.	



Dr. R Sreekumar
Director FSL

