Laboratory Fume Hood

LT-G0248 | Directing gases and vapours towards the exhaust line

Step fan control • Guillotine sash • Illuminated workspace



1000 / 1250 / 1750

FAN CAPACITY OPTIONS (m^3/h)

800 lux

FLUORESCENT LIGHTING

Adjustable extraction • Epoxy electrostatic powder-coated cabinet

LT-G0248

Photograph and Cabinet Components

Front work area, controls, worktop and optional base cabinet

LT-G0248 directs air from the process area through a fan and connected exhaust line. The movable sash limits the working opening. Select cabinet equipment to suit the process and laboratory service connections.

SASH AND WORK OPENING

The tempered guillotine sash moves vertically. Maintain the recommended working opening.

WORK SURFACE

Arrange test equipment inside the cabinet. Select worktop material for the chemicals used.



CONTROL AREA

Manages fan control and operating settings. Set extraction to suit the application.

OPTIONAL BASE CABINET

The base cabinet, sink and service connections are selected according to requirements.



Cabinet work area and example service equipment



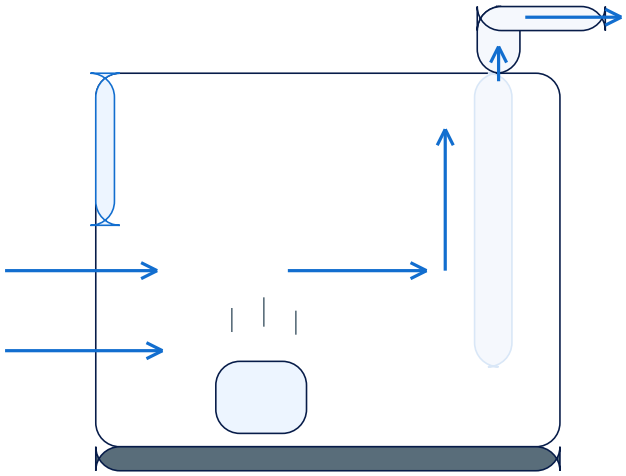
Front panel sockets and service controls

LT-G0248

Source Capture and Air Exhaust

Check extraction • Position sash • Perform process • Clean cabinet

AIRFLOW FROM FRONT OPENING INTO THE CABINET



ROOM AIR • PROCESS AREA • EXHAUST LINE

CONTAMINATED AIR MOVES TO EXHAUST

FRONT SASH + WORKSPACE + FAN SYSTEM

EXTRACTION: FAN AND CONNECTED DUCTWORK

Keep the work opening and air path clear

REPRESENTATIVE SIDE SECTION • NOT TO SCALE

Check Extraction

Check the fan and connected exhaust line. Set the extraction arrangement for the process.

Position the Sash

Set the sash to its recommended working height. Avoid unnecessary opening.

Arrange the Workspace

Position materials inside the cabinet. Carry out the process without obstructing airflow.

The fan supports airflow into the cabinet through the front opening and carries air from the process area towards the exhaust line. Operating conditions depend on sash position, internal equipment arrangement and connected ductwork. Assess extraction capacity together with this installation.

Fan Options and Installation

The product family lists fan capacity options of 1000, 1250 and 1750 m^3/h. Step speed control supports extraction adjustment.

Select fan capacity and exhaust connection for the application. Avoid unnecessary storage in the working area and keep the opening and internal air path clear. Check operating conditions after installation.

Worktop and Service Equipment

Water, gas, sink and base cabinet are optional. Worktop options include acid-resistant compact laminate, ceramic, granite and stainless steel.

Select surfaces and connections for chemical compatibility. Remove residues by an appropriate method after work. Check sash movement, lighting, sockets and exhaust connections regularly.

LT-G0248

Technical Specifications and Equipment Options

LT-G0248 • Fan, sash, lighting and optional cabinet equipment

Technical Specification	Value / Description
Product Code	LT-G0248
Product Name	Laboratory Fume Hood
Fan Capacity Options	1000 / 1250 / 1750 m^3/h
Extraction Control	Step fan speed control
Sash Arrangement	Guillotine type • Counterbalanced rail system
Sash Material	Tempered glass
Cabinet Finish	Epoxy electrostatic powder coating
Lighting	800 lux • Fluorescent
Noise Level	55 dBA
Power Supply	220 V, 50 Hz
Front Panel Equipment	Earthed electrical sockets
Optional Service Equipment	Water, gas, sink and base cabinet
Optional Worktop Materials	Compact laminate, ceramic, granite, stainless steel

Match Cabinet and Exhaust Configuration to the Process

Select fan capacity, worktop and service connections for the laboratory process. Maintain a suitable sash position and check operation of the fan and connected exhaust line together.

From Work Preparation to Cabinet Care

01
Check
Check the fan, exhaust connection and workspace.

02
Position
Set the sash and arrange test equipment.

03
Operate
Adjust extraction; perform the process inside.

04
Clean
Remove residues and organise the working area.

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