



A **fume hood** is a ventilation equipment designed to protect operators from chemical exposure. Its primary function is to remove toxic fumes either through a ducting system or carbon filtration. Fume hoods are a must-have in any laboratory with chemical applications.

FACTORS TO CONSIDER WHEN PURCHASING FUME HOODS

- ✔ Compliance with ASHRAE 110 or EN 14175
- ✔ Available space in the laboratory
- ✔ Fume containment capability
- ✔ Compatibility with chemicals
- ✔ Type of application
- ✔ Durability
- ✔ Ergonomic features
- ✔ Safety features (sash-stop, airflow monitoring)
- ✔ Worktop upgrade
- ✔ Accessory inclusions
- ✔ User-friendly control system
- ✔ Energy efficiency
- ✔ Warranty period
- ✔ After-sales service



QUESTIONS TO ASK BEFORE PURCHASE

- Are the chemicals and applications compatible with the recommended model?
- Can the laboratory utilize a ductless fume hood?
- Can the laboratory or facility accommodate a ducting system?
- How much space will the fume hood require in the laboratory?
- What is the construction or material used in the fume hood?
- What are the safety features of the fume hood?
- Is the equipment energy-efficient?
- How long is the warranty period?
- Are spare parts readily available?
- What are the additional maintenance costs (parts replacement, consumables, etc.)?



WHY YOU NEED A NEW ONE

- Setting up a new laboratory
- Replacing an old and less efficient unit with high operating costs
- Defective fume hood (noisy blower, broken sash, and deteriorated internal chamber or worktop)
- Additional chemical handling and application
- Existing unit is incompatible with chemicals being used
- Existing fume hood failed the certification and is not safe to use anymore

ESCO LIFESCIENCES OFFERS PERFECTLY TAILORED SOLUTIONS FOR YOUR FUME CONTAINMENT NEEDS.

