

Fume Hoods: Some FAQs to Consider



ESCO ductless fume hood



ESCO ducted fume hood



Safe air class II safety cabinet

- 1) **What kind of cabinet are you looking for?** – Models include: ducted fume hood, ductless (recirculating) fume hood and safety cabinet (usually class II cabinet)
- 2) **What size cabinet are you looking for?** – The standard/average size is 900mm but they can range from 600mm to 1800mm and there are custom-built ones too.
- 3) **Do you require a trolley/cabinet for the fume hood to sit on?** – You can place the fume hood onto an existing benchtop. The alternative would be a trolley/cabinet to house the fume hood. If you need to move a ductless fume cabinet, a trolley would be ideal but a ducted system would be stationary.
- 4) **If ducted system; do you have a ducting system in place?** – We can offer this service. An engineer would need to visit the site to assess if a ducting system is viable. If ducting already exists, is any further tubing necessary?
- 5) **If safety cabinet; do you require a class II safety cabinet or a laminar flow cabinet?** – The difference is to do with the pressure inside the cabinets. Class II is a negative pressure and protects both the user and product from contamination, whereas the laminar flow is a positive pressure and protects the product only.
- 6) **Do you require a UV light?** – This is used for sterilisation purposes and is an optional extra.
- 7) **If ductless: what are you looking to use the cabinet for?** – This is important as it will determine what kind of filters you will need. The key will be to determine both the compounds being used and volume.

For any further information, please don't hesitate to contact our sales team, who will be more than happy to help.