



Airflow 4 - Bespoke Extraction

Fabricated hoods. Airflow 4 offers bespoke fabricated hoods that are typically made from polypropylene and are positioned directly above the workspace. These hoods are used together with one of our ductwork systems to vent fumes either directly to the atmosphere or, depending on the process, via a filtration unit or duct extraction systems outside.

This type of Hood or Canopy are usually directly located over the workspace. Canopies such as these would be utilised in conjunction with one of our Ductwork Systems to vent the fumes either directly to atmosphere or depending on the process via a Filtration Unit or Duct Extract Systems into the atmosphere outside. This is the Fume Hood of the future, and there's a good reason why. They are economical, convenient, environmentally friendly and are safe for use with approved process applications. If you are unfamiliar with Ductless or Filtered Hoods and traditional Ducted Hoods, here is a quick overview.

A Filtered Hood takes ambient air from the Lab Environment through the Cabinet opening at an average velocity of 100fpm (creating negative pressure), air flows into the Hood, then through Filters at the top, and then recirculates clean air back into the Lab. A Ducted Fume Hood takes ambient air from the Lab Environment in through the Cabinet opening at an average velocity of 100fpm (creating negative pressure) and exhausts it through the top of the hood, through Duct Work then outside the building into the air.

To learn more about this product, contact us.

