

INTRODUCTION

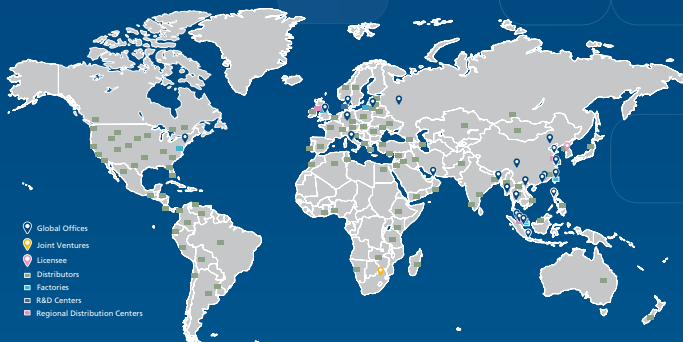
Fume Hoods are the primary method of exposure control in the laboratory. Their importance cannot be undermined in keeping everyone safe from exposure to toxic chemicals. When it comes to laboratory safety, Esco has the broadest selection of specialized fume hoods in the market. Esco manufactures a wide array of sizes and configurations to guarantee that there is always an Esco fume hood that fits the level of protection that you need.

List of Applications

- Sample preparation
- Dilution
- Titration
- pH test
- Distillation
- Salinity test
- Evaporation
- Digestion

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Esco Ducted Fume Hoods



NEED HELP IN CHOOSING
THE RIGHT
FUME HOOD?



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Esco Ducted Fume Hoods



KEY FEATURES:

- Compliance to ASHRAE 110 standard
- Durable construction
- Ergonomic features

OVERVIEW OF MODELS

General Purpose Fume Hood

Frontier® Mono™

- Single wall design
- Worktop and service fixtures are installed on the base cabinet
- No sash sloping
- Phenolic resin liner and baffle
- Available sizes: 4, 5 and 6 ft



Frontier® Duo™

- Dual wall design
- With black color phenolic resin worktop
- Has service fixtures added: 1 remote-controlled gas fixture and 1 swan-neck faucet
- Ergonomic 8° sloped front sash
- Available sizes: 4, 5, 6, and 8 ft



High Performance Fume Hood

Frontier® Acela™

- Tri-wall design
- Low energy-consumption, high performance fume hood
- 5° sloped front sash design
- Superior containment at 0.3 m/s face velocity
- Available sizes: 4, 5, 6, and 8 ft



Specialized High-Performance Fume Hood

Frontier® Acid Digestion™

- Designed for acid-digestion applications (except perchloric acid)
- Built with u-PVC or PP internal surface and polycarbonate sash to prevent etching from Hydrofluoric Acid
- Available sizes: 4, 5, 6, and 8 ft



Frontier® Radioisotope™

- Designed for handling radioactive materials
- Full stainless steel interior for easy cleaning and decontamination
- Has a reinforced worktop to carry heavy lead shields
- Available sizes: 4, 5, 6, and 8 ft



Frontier® Acela™ M Series

- Tri-wall design
- Has a ceramic worktop
- Deeper internal depth (1000mm) to prevent splashes
- Available sizes: 4, 5, 6, and 8 ft



Frontier® Floor Mounted™

- Designed to provide comfortable space when dealing with large apparatus and containers of hazardous materials.
- Can be reconfigured as a distillation hood by adding optional low-height base cabinet and distillation grids
- Available sizes: 4, 5, 6, and 8 ft



Frontier® Perchloric™

- Ideal when handling hot perchloric acid and nitric acid
- Built with seamless stainless steel interior chamber
- Equipped with a wash down system
- Fume Scrubber is mandatory accessory
- Available sizes: 4, 5, 6, and 8 ft



Full Polypropylene Fume Hood

Frontier® PPH™

- Designed to provide the highest level of protection and containment against highly corrosive acids
- Full polypropylene interior and exterior makes it metal free and suitable for trace metal analysis
- Available sizes: 4, 5, 6, and 8 ft



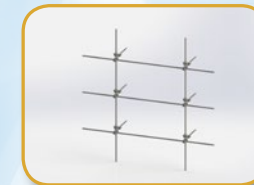
OPTIONS AND ACCESSORIES



Base Cabinet



Circuit Board Protection



Distillation Grid



Service Fixtures



Scrubber



Worktop



Sentinel™ XL Airflow Alarm



Support Stand (ASL)