

## Exhaust Ventilation Systems for Atomic Spectroscopy

### Applications

#### APPLICATIONS

- Inert Gases
- Oxidizing Gases
- Flammable Gases
- Corrosive Gases
- Liquid Cylinder (Gas Delivery)
- Cryogenic Liquid Delivery
- General Purpose
- High Purity
- Ultra High Purity

#### ON THE WEB

- Sell Sheet
- Technical Brochure

#### CALL US FOR

- 2-D CAD Drawing
- Engineering Specification
- Instruction Manual
- Typical Installation Drawing

A venting system is required to remove the combustion fumes and vapors from the flame or graphite furnace for Atomic Absorption Instruments which will protect laboratory personnel from toxic vapors which may be produced by some samples, tend to remove the effects of room drafts and the laboratory atmosphere on flame stability and also effective to remove dissipated heat which is produced by the flame or furnace.

It is essential to exhaust the combustion fumes and small amounts of sample vapours from all Atomic Spectroscopy, ICP and ICP-MS. The complete hood will need to handle temperatures which are greater than 100°C and sometimes up to 250°C combined with a flow rate of approximately 7000 - 8500 litres / min (250 - 300 CFM).

Aneer Engineers provides a complete package required for Spectroscopy Accessories.



### Specifications

» Flow Rate	<b>7000–8500 lit./min.(250–300 CFM)approx</b>
» Material Of Construction	<b>Stainless Steel</b>
» Temperature Range	<b>Up to 250° C</b>
» Fluid State at Outlet of Hood	<b>Gas or Vapours</b>

### Key Features

- » It will protect laboratory personnel from toxic vapours which may be produced by some samples.
- » It will tend to remove the effects of room drafts and the laboratory atmosphere on flame stability.
- » It will help to protect the instrument from corrosive vapours which may originate from the samples.
- » It will remove dissipated heat which is produced by the flame or furnace.

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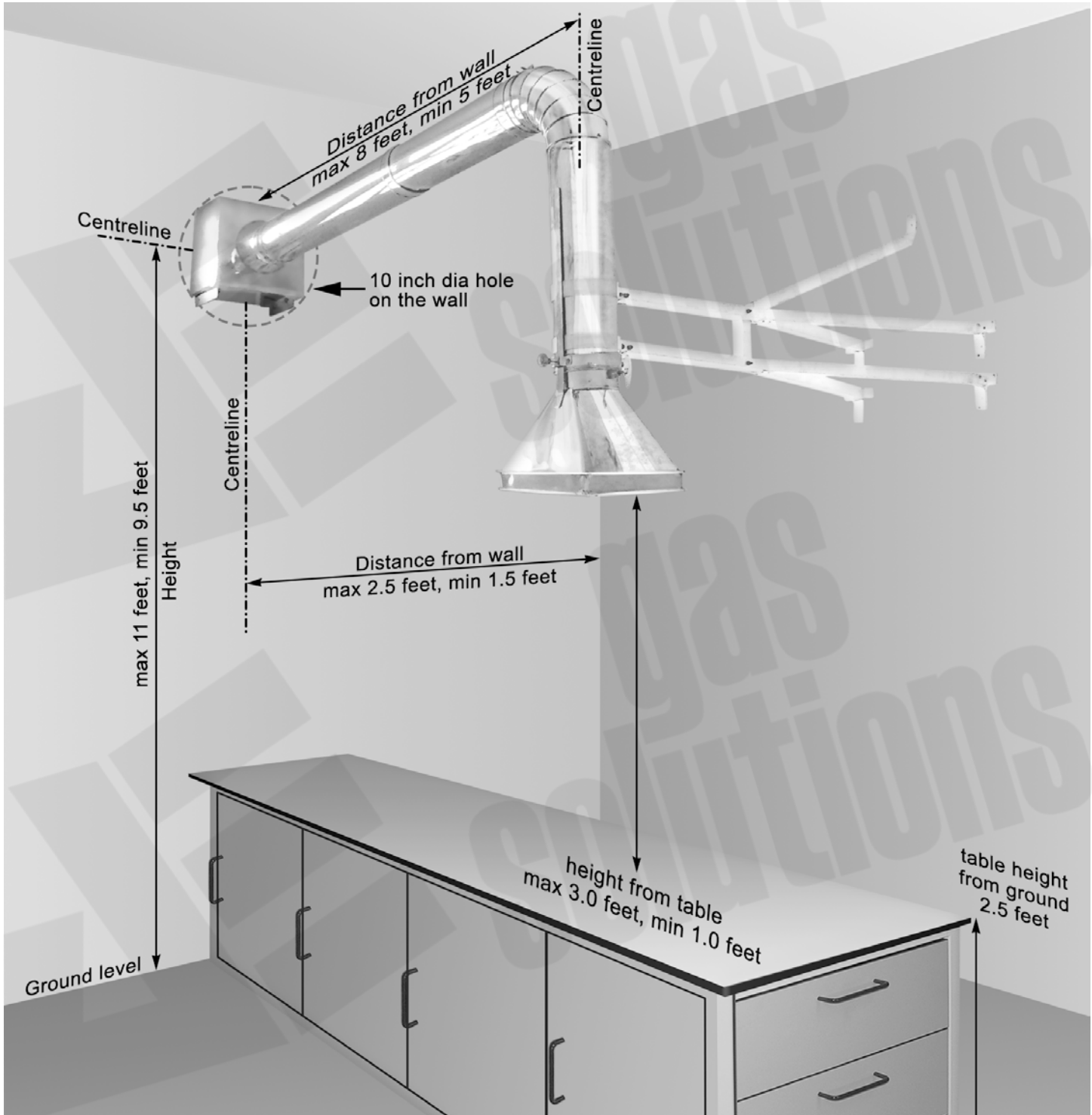
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## Aneer Engineers Pvt. Ltd.

DIN EN ISO 9001 : 2008 Organisation

Visit us at : [www.aneer.net](http://www.aneer.net)

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