

# SIMPLAIR A.E. HOOD



RESPIREX™

Petrochemical    Pharmaceutical

The Simplair A.E. Hood is designed for use with breathable air supplied from an external compressed air source providing positive pressure.

- Provides partial body protection and is designed to be worn in conjunction with other suitable items of protective clothing
- Air system contained within the hood provides breathing air to the wearer with an audible warning device designed to activate if the airflow drops below the minimum level required to keep CO<sub>2</sub> levels below 1%
- Available in a range of chemical resistant fabrics
- Front & rear cape panels provide protection to well below the wearer's chest area
- Air system is supported by an adjustable waist belt, fitted with a foam back pad for maximum wearer comfort
- Twin exhalation valves
- A durable rigid PVC visor giving a high degree of undistorted vision, with optional removable visor, or a lightweight, totally transparent PVC hood enabling 360° vision
- Optional particulate filter
- Optional three point hanging system which helps prevent distortion during storage
- Worn in conjunction with a chemical protective jacket and trousers (or a chemical protective one-piece suit), gloves and safety boots, the complete outfit meets the performance requirements for ventilated and non-ventilated, non-gas-tight EN467:1995 (TYPE 2) protective clothing.

## Options

- Rubber neck seal
- In-line 5 micron filter

## Specifications

Required Airflow:                    220 l/m (min) to 280 l/m (max)

## Air Supply

The air flowing into the garment must conform to EN 12021:1999 Annex A. In the event that partial contamination may exist in the factory ring main from which the suit draws its air supply, a Respirex in-line filter unit should be fitted to the air system; this will prevent the ingress of contamination down to 5 microns in size from entering the garment.

## Protection



Class 4A (Headtop)  
Class 4B (Belt assembly)  
EN 14594:2005  
Respiratory protective devices

Type PB [4]  
EN14605:2005+A1:2009  
Protective clothing providing protection to parts of the body against liquid chemicals

*Specifications, configurations and colours are subject to change without notice.*



Hood With Rigid PVC Visor



Hood With Lightweight 360° PVC Visor