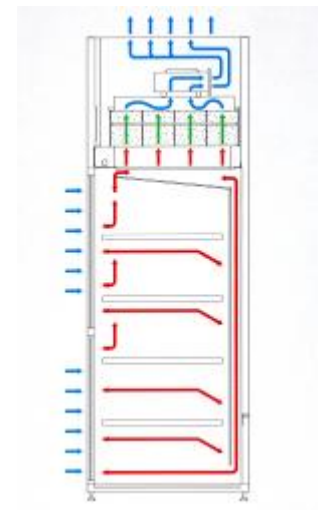


SafeAire™ GS1000-AP Vented Storage Cupboards

SafeAire™ GS1000-AP Vented Filtration Storage Cupboards protect operators and the environment from toxic vapours, gases and nuisance odours which may be evaporating from leaking containers or specimen jars. Fitted with activated/impregnated carbon filters tested to BS:7989:2001 and/or HEPA filters GS1000-AP Cupboards have been widely adopted within countries of the European Union as:

- **Ducted/vented Chemical Storage Cupboards for chemicals, specimens, reagents**
- **Recirculatory Filtration Storage Cupboards for bio-specimens in histopathology labs**
- **Forensic Science Safety Cupboards for preservation of forensic evidence (DNA)**
- **Pharmaceutical Storage Drying Cupboards for desiccating plants and samples**

- Ø Epoxy powder-coated steel structure
- Ø Four (4) Stainless Steel shelves and four (4) sliding doors
- Ø Plastic laminate sides and back-baffle
- Ø Vented via ductwork to atmosphere – or
- Ø filtered clean air recirculated in the room
- Ø In recirculatory mode, no ducting required
- Ø Centrifugal extractor fan
- Ø Electronic 'Timelog' PCB with LCD and 2-speed VAV (Variable Air Volume Control): - higher fan speed automatically triggered by opening sliding front doors – to ensure high fume-containment factors
- Ø Face velocities 0.3 m/sec – 0.5 m/sec
- Ø Filtered air-volume flow: 550 m³/hour
- Ø Multilayered Filter Systems (see Guide)
 - Main & Security Carbon Filters
 - Carbon & HEPA Filters
- Ø Back-baffle ensures effective extraction of both lighter-than-air and heavier-than-air gaseous-phase compounds
- Ø **Options:** - Perforated Stainless Steel shelves for drying samples and hanging rail for drying clothing/forensic evidence
- Ø Particulate air-filtration of incoming air for preserving integrity of forensic evidence



SafeAire™ GS1000-AP Chemical Storage Cupboard

Airflow		Electrical		
Face Velocity	Filtered Air	Voltage	Current	Power
0.3-0.5m/s	200 - 550 m ³ /h	230v	1.5 A	0.3 kW



Dimensions:	Width	Depth	Height	Weight
External:	1000 mm	755 mm	2000 mm	186 kg.
Internal:	950 mm	655 mm	1400 mm	