

# K8 Series

## Aerodynamic Fume Cupboard

- \ Standard Bench Mount
- \ Walk-in
- \ Double Fronted
- \ Double Fronted Walk-in
- \ Slim Profile Sides



- Smooth radiused front profile for improved fume cupboard containment and aerodynamics
- 316 grade stainless steel front cill
- Inner chamber 6mm Trespa TopLab BASE with 16mm Trespa TopLab BASE banded base
- Removable back baffles for maintenance
- Removable service panels for taps, sockets and alarm panels
- Sash restrictor with auto set feature
- Front by-pass grille which is removable for access and maintenance
- 24W LED panel (4000k) light fitting with front mounted light switch
- 2 x Double switched socket outlets
- TEL AFA1000/2 tactile fully programmable airflow monitor / alarm panel
- Alarm panel, light and double sockets all pre wired to junction box

## K8 Series Aerodynamic Fume Cupboard

for Universities, Pharmaceutical  
and Industrial.

Quality fume cupboards suitable for a range of applications including  
Universities, Pharmaceutical and Industrial.

Manufactured and installed to meet the requirements of BS EN 14175.

# K8 Series

## K8e Energy Efficient Fume Cupboards

All the standard features of our high performance k8 series aerodynamic fume cupboard but includes as standard the following equipment and features:

- Containment tested to operate at velocities of 0.30M/sec, 0.35M/sec and 0.50M/sec advanced aerodynamic and airflow properties
- Fully integrated V.A.V. Controller with fast responsive modulating fume cupboard damper.
- Bleed air inlet control and dampers available for the extraction system.
- Automatic sash closing system when user not present
- Sash open warning system to warn user when sashes have been left open
- Full V.A.V. systems supplied and installed. Either new or retro fitted
- Led energy efficient lighting



K8e Energy Efficient Model

External Width Custom sizes available	1000mm	1200mm	1500mm	1800mm	2000mm
Take-Off	200 dia	200 dia	250 dia	315 dia	315 dia
Take-Off Height	2030	2030	2030	2030	2030
Centre From Back	200	200	200	200	200
Internal Working Width	700	900	1200	1500	1700
Internal Working Depth	720	720	720	720	720
Chamber Height	1100	1100	1100	1100	1100
Volume of Air @ 0.5m/sec @ 500 sash height	0.175m3/sec 630m3/hour	0.225m3/sec 810m3/hour	0.30m3/sec 1080m3/hour	0.375m3/sec 1350m3/hour	0.425m3/sec 1530m3/hour
Service Connections	15mm copper	15mm copper	15mm copper	15mm copper	15mm copper
Drainage	1 ½" Thread	1 ½" Thread	1 ½" Thread	1 ½" Thread	1 ½" Thread
Power Requirements	230V / 20A into Junction Box	230V / 20A into Junction Box	230V / 20A into Junction Box	230V / 20A into Junction Box	230V / 20A into Junction Box
Pa Drop	60Pa	60Pa	60Pa	60Pa	60Pa
Weight	200kg	225kg	250kg	275kg	300kg
External Dimensions	Height 2400 Depth 900 Width 1000	Height 2400 Depth 900 Width 1200	Height 2400 Depth 900 Width 1500	Height 2400 Depth 900 Width 1800	Height 2400 Depth 900 Width 2000

## Fume Cupboard Support

The fume cupboard can be supported on a powder coated mild steel frame or laminated storage cupboard.

Solvent and Flammable cabinets available.

## Fume Cupboard Services

- Cold Water. (Range of sinks and drip cups etc).
- Gas Outlet. (Other Gases).
- 13Amp Double Electrical Sockets.
- Service control valves are located on the front aerodynamic fascia.

## Fume Cupboard Alarm Systems

A full range of state of the art multi programmable airflow alarms and monitors. Functions include LCD air speed read-out, Fan stop/start and programmable relay outputs and inputs. AFA1000/2 fitted as standard.

## Fume Extract System

Design, manufacture and installation of extract systems to suit current legislation. Fans are fabricated from polypropylene with a range of direct drive or belt driven impellers, available for single or three phase supply. We offer full turnkey solutions, offering mechanical, plumbing, electrical and building works.

## Fume Cupboard Inspection, Service & Maintenance

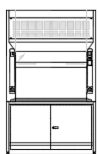
Fume cupboards must be inspected at least every 14 months, or earlier depending on the usage. Our engineers will carry out routine maintenance and service on a complete fume cupboard system, an inspection of all mechanical and electrical components will be made together with face velocity readings. Inspection schedule complies with COSHH (Reg 7 & 9). The completed test results are presented to the client.



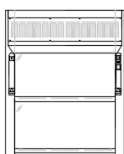
Slim Line Model



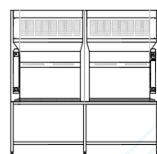
Walk-In Model



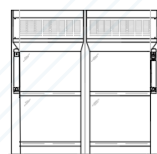
BENCH TYPE



WALK-IN TYPE



DOUBLE FRONT TYPE



DOUBLE FRONTED WALK-IN TYPE

# Centurion



## Centurion Fume Cupboards

The Centurion ductless fume cupboard is suitable for educational institutions.

It complies with Building Bulletin 88. (Rev G9)

Independently Tested by CLEAPSS.

The fume cupboard offers teaching staff and students a safe and economical solution to practical science.

- Framework fabricated from powder coated mild steel.
- Single Storage Cupboard
- Solid Grade Laminate ( TRESPA TobLab BASE) work base
- Optional work surfaces available including polypropylene or solid epoxy resin.
- 6mm polycarbonate sash front visor.
- 6mm toughened glass side and rear vision panels.
- 55W low energy light fitting and light switch
- Hour Counter
- RCD Protected Double Socket
- Light Switch / Fan Switch
- Tactile Low Airflow Alarm Panel

# Academia



## Academia Fume Cupboards

The Academia fume cupboard is suitable for educational establishments, schools and colleges.

The fume cupboard offers teaching staff and students a safe, practical and economical solution to practical sciences.

Compliant with Building Bulletin 88 (Rev G9 ).

Tested by CLEAPSS.

- Powder coated frame work
- Powder coated support stand with services panel 16mm
- Trespa work base
- 6mm Trespa baffles ( easy removal )
- 6mm Toughened glass sides and front sash for 360 deg viewing
- Counter balanced front sash with aerodynamic handle
- Air By-Pass Grille
- Sash stops at 400mm and 25mm
- 55W fluorescent low energy illumination
- Cold water tap and front control valve
- 100mm dia Vulcathene drip cup c/w bottle trap
- Gas tap and front control valve
- Double switched 13Amp socket outlet
- Light switch
- Low Airflow Alarm Panel