

# Centurion

## Fume Cupboard Specification

- \ Fully mobile
- \ 360 deg viewing for demonstrations
- \ Docking Station options



- Designed, manufactured and installed to meet the requirements of Building Bulletin 88 ( Rev G9 )
- 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

## Centurion Fume Cupboards for Schools

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.

# Centurion

## Fume Cupboard Support

The fume cupboard is mounted on a powder coated mild steel mobile storage cupboard, which houses the fan and filter unit.

Easy access for filter replacement.

## Filtration

- Tri-Layered carbon filters suitable for schools science laboratory
- Other filters available on request
- Pre Filter Protection

<b>Standard Width</b>	<b>1000mm</b>
<b>Average Face Velocity</b>	> 0.3m/sec
<b>Noise Level</b>	< 50dB
<b>Illumination</b>	> 400 Lux
<b>Power Supply</b>	230 Volt
<b>Fan</b>	Centrifugal single phase brushless and sparkless
<b>Filtration</b>	<p><b>Carbon Grade</b>                      G048 (50%)                      G048 CT (25%)                      G048 HP (35%)                      Type: Triple bed (series)                      Carbon Weight 25kg                      Including pre-filter                      Size: 500 x 400 x 100                      Volume of air treated 280m<sup>3</sup>/hour</p> <p><b>Contaminants</b>                      Wide range of inorganics, organics, acids and Bases.                      Other filters available on request</p>
<b>Weight</b>	225kg
<b>External Dimensions</b>	1880mm (H) x 655mm (D)

### Service Connections

Cold Water	Flexible hose with quick release snap-tite fitting
Gas	Flexible hose with quick release snap-tite fitting
Drainage	38mm Flexible Waste
Restraining Point	Stainless steel restraining cable fitted, cable point fitted to wall by client
Power	IEC socket and mains lead

## Fume Cupboard Services

- Cold Water Outlet into 100 diameter vulcathene drip cup complete with bottle trap
- Gas Outlet
- 13Amp Double Electrical Socket (RCD protected)
- Service control valves are located at the front of the support frame or storage cabinet
- The gas and water supply hoses come complete with quick release connections
- Flexible vulcathene drain connection
- Stainless steel restraining cable

## Docking Station (Optional)

Robust epoxy coated mild steel lockable enclosure housing all service connections for our Centurion ductless fume cupboard.

The docking station can be fitted surface mounted or flush into a carcass e.g. Teachers bench.

Note: Special attention must be made when positioning the docking station. The drainage must be lower than the exit drainage from the fume cupboard, in order for waste to drain away efficiently.

Gas and water quick release valves are male and female so service hoses cannot be incorrectly connected.

- 1 x Electrical socket for power supply to fume cupboard
- 1 x 38mm vulcathene drain connection with plug when not in use.
- 1 x quick release female gas valve - 1/4" BSP threaded connection
- 1 x quick release male cold water valve - 1/4" BSP threaded connection
- 1 x lockable door
- All services clearly labelled

