

## Ductless Mobile Fume Cupboard

for educational use

Building Bulletin 88

The Centurion ductless fume cupboard is suitable for educational institutions, it complies with building bulletin 88. ( Rev to Design Note 29 ) Tested by CLEAPPS

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

### Fume Cupboard Specification

Designed, manufactured and installed to meet the requirements of Building Bulletin 88

( Rev to Design Note 29 ).

Framework fabricated from powder coated mild steel.

Solid Grade Laminate ( TRESPA ) 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

### 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.

### Filter Maintenance

Fume cupboard must be inspected every 14 months

### Filtration

Tri-Layered carbon filters suitable for schools science laboratory

Other filters available on request

### Fume Cupboard Services ( Optional )

Cold Water Outlet into 100 diameter vulcathene drip cup complete with waste trap.

Gas Outlet.

13Amp Double Electrical Socket.

Service control valves are located at the front of the support frame or storage cabinet.

The gas and water supply hoses come complete with flexible supply and waste hoses. ( 2 metres in length ) with quick release connections.

### Docking Station ( Optional )

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

The 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 restraining point for restraining cable from fume cupboard to ensure accidental pulling on service connections.
  - 1 x 38mm vulcathene drain connection with cover 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



Centurion

### Construction

All cabinets are manufactured from zinc mild steel with a textured powder coated paint for added protection.

Side and back viewing panels are all 6mm toughened safety glass.

Average Face Velocity > 0.3m/sec

Noise Level <50dB

Power Supply 230V

### Optional Items

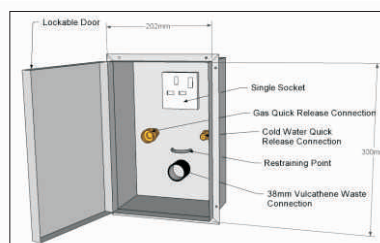
- Services Kit.
- Docking Station.
- Airflow Failure Alarm.
- Airflow Anemometer.

### Dimensions

**Centurion10** - 1000mm(w) x 725(d) x 1850(h) fixed or mobile

**Centurion12** - 1200mm(w) x 725(d) x 1850(h) fixed or mobile

**Centurion15** - 1500mm(w) x 725(d) x 1850(h) fixed or mobile



Docking Station