

Chemcap™

# Ventilated Chemical Storage Shelves & Cupboards

The effective way to eliminate airborne risks and to purify laboratory air



844 Maxi chemical storage cabinet

812 Shelf store

822 Shelf store

834 Chemical storage cabinet

BIGNEAT CONTAINMENT TECHNOLOGY  
Value. Service. Experience.

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# Chemcap™ Ventilated Chemical Storage Shelves and Cupboards

Evaporation from drips and open containers contributes considerably to poor quality air within the laboratory. Chemcap chemical storage cupboards and shelving systems are ideal for a laboratory requiring a low cost ventilated storage system that does not need ducting or any associated building works.

## Protect your laboratory staff and improve the laboratory environment

**SAFETY FIRST:** Chemcap filtration systems offer protection to laboratory staff from hazardous fumes, aerosols, vapours or gases. Chemicals are retained in the carbon filter and clean air is returned back to the laboratory.

A continually operating Chemcap filter system, such as one within a storage system, will remove odours and purify air within the laboratory. It freshens up the environment, making it a safer, more pleasant place to work and improves the wellbeing of laboratory personnel.

**CONVENIENT:** An important feature of a Chemcap storage system is its portability; it can be moved easily to wherever laboratory procedures are to be undertaken.

## Chemcap Filtration

Bigneat offers a multi-purpose (universal) filter which should be selected when a system is to be used for storage of a variety of different chemicals.

For best performance Bigneat's chemist recommends choosing an optimised filter which will give the best retention and long filter life.

## Choosing your optimised Chemcap™ filtration

Filters OS and H <sup>+</sup> are suitable for most organic and acid vapours. However we recommend when:	Composition of vapours filtered		Carbon Filter Type
Organic compounds predominate	ORGANIC VAPOURS secondary acids	→	Filter OS
Acid compounds predominate	ACID VAPOURS secondary organic vapours	→	Filter H <sup>+</sup>
Formaldehyde predominates	FORMALDEHYDE	→	Filter F
Ammonia predominates	AMMONIA	→	Filter AM
Uses are varied	MULTIPURPOSE	→	Filter MP

## Description and Technical Information

Model	Description	Dimensions mm (external wxdxh)	Capacity in litre bottles
CS 812	Ventilated shelf store for use with chemicals in daily use, supplied with spill tray and absorbant mat. Chemcap filter of pre-determined type.	830 x 250 x 620	10
CS 822	Ventilated shelf store for use with chemicals in daily use, supplied with spill tray and absorbant mat. Chemcap filter of pre-determined type.	830 x 410 x 720	48
CS 834	Floor standing cupboard supplied with 5 compartments. Doors have magnetic catches and are lockable. Chemcap filter of pre-determined type.	819 x 510 x 2000	100
CS 844	Floor standing cupboard supplied with 5 compartments. Doors have magnetic catches and are lockable. Chemcap filter of pre-determined type.	1618 x 510 x 2000	200

Power supply: 230V, AC, 50Hz, 5Amp, 1Ø or 110V, AC, 60Hz, 8Amp, 1Ø.

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# WORK SAFELY WITH BIGNEAT

## Key Features

■ Quiet operation >50dB(A)

### Shelves 812 & 814

■ Designed to be situated close to hand

### Cupboards 834 & 844

■ Clear cast acrylic transparent doors are light and easy to clean.

■ Magnetic catches on doors

■ Adjustable height shelves

## Optional Extras

### For shelves 812 & 814

/W Brackets for wall mounting

/S Stand for bench or floor mounting

### For cupboards 834 & 844

/ESM Electronic Filter Saturation Alarm (suitable for organic solvents)

/XC Upgrade to 10 Compartments

/XXC Upgrade to 20 Compartments

## For Ducted Installation

Chemcap cupboards can be supplied without filtration and with suitable connections for installation into laboratory ducting.

## Free Assessment Service

Please contact us for a free assessment and our chemist will undertake a risk analysis and suggest the best filter for your purposes.

You may download an assessment form at [www.bigneat.com/filtration/](http://www.bigneat.com/filtration/)



## Quality Assured



Bigneat is accredited to BS EN ISO 9001: 2008



Bigneat systems are CE marked

Comprehensive product range supported by a worldwide network of representatives.

Please visit our website for up-to-date list of representatives at:

[www.bigneat.com](http://www.bigneat.com)