

Flammables Safety Cabinets



For safe, secure storage of hazardous materials, flammables liquids, solvents, aerosols, paints, IPA, etc.

We can offer three Flammables Safety Cabinets with differing levels of Fire Protection.

1). Flameproof Cabinets



Bench top

Flameproof cabinets comply with:

- COSHH requirements.
- Highly Flammable liquids and LPG regulations 1972
- Health and Safety Executive HS(G)51
- UK factory inspectorate, Cert of Approval No.1: Parts 3 & 4

Features:

- For internal use.
- Robust, welded steel construction.
- Adjustable shelving.
- Built-in Spill Tray.
- Lockable Doors.
- Polyester powder coated paint finish – Safety Yellow
- Warning Labels to BS 5378

Description	Size: WxDxH(mm)	Doors	Shelves	Model
Benchtop Cabinet	610x305x610	1	1	FC3
Benchtop Cabinet	460x305x460	1	1	FC11
Underbench Cabinet	460x460x760	1	1	FC4
Freestanding Cabinet	460x460x915	1	1	FC5
Underbench Cabinet	915x460x710	2	1	FC6
Freestanding Cabinet	915x460x915	2	1	FC7
Freestanding Cabinet	915x460x1220	2	2	FC8

Freestanding Cabinet	915x460x1525	2	2	FC9
Freestanding Cabinet	915x460x1830	2	3	FC10
Reinforced Stand	460mm high	-	-	Stand
Extra Shelf				
Wall Mounted Cabinet	460x305x460	1	1	FC11w
Wall Mounted Cabinet	610x305x610	1	1	FC3w
Wall Mounted Cabinet	360x305x711	1	1	FC12w
Wall Mounted Cabinet	915x305x610	2	1	FC13w

2). FM(Factory Mutual – USA) Approved Cabinets

Mid level Fire Protection.

Double Skin Steel Cabinets with insulating Air Gap.

Comply with FM and OSHA – USA Standards.



Model 25040 / J8904001	Dims: 432w x 432d x 560h mm
Model 25710 / J8912001	Dims: 600w x 460d x 890h mm
Model 25300 / J8930001	Dims: 1095w x 460d x 1120h mm
Model 25450 / J8945001	Dims: 1095w x 460d x 1650h mm
Model J8923001	Dims: 890w x 560d x 890h mm

Many other sizes available – contact our sales team for further details.

3). FM approved & EN14470-1 30 minutes fire rated Cabinets.



- 30 minutes fire protection to EN 14470-1 and FM approved to FM6050.
- Self closing doors with hold open facility (doors close automatically in fire).
- Containment tray/bund in base.
- 100mm inlet and outlet air ducts.
- 3 point locking system.
- Colour grey RAL 7035 with yellow trim.

Model	Description	Dimensions (wxdxh)	Doors	Shelves
3031E	Underbench Cabinet	605 x 630 x 635mm	1	
3032E	Underbench Cabinet	1115 x 630 x 635mm	2	
3034E	Tall Cabinet 1 door	605 x 550 x 1980mm	1	3 (30kg cap)
3035E	Tall Cabinet 2 door	1115 x 550 x 1980mm	2	3 (50kg cap)
3036UE	Tall Drum Cabinet	864 x 864 x 1731mm	1	2 (50kg cap)

4). EN 14470-1 Compliant Flammables Cabinets

Duperthal Cabinets – Fire resistance of 90 minutes to EN 14470-1

90 minute Flammables Cabinets to BE EN 14470-1.

Tested to: MPA/TÜV SÜD, DIN EN 14470-1, DIN EN 14727, GS / CE-mark,



Model No. D-XLV1

External Dimensions: 1195 x 595 x 2080 (WxDxH) mm.

Internal Dimensions: 1099 x 446 x 1830 (WxDxH) mm.

Storage: Storage capacity per cabinet 1.8m² - (3 no. adjustable shelves + base).

Bund: Removable Spill Tray with perforated cover.

Finish: Polyester powder coated paint finish - RAL 7035 light grey, doors in RAL 1018 zinc yellow.

Access: Twin hinged doors with key operated locks.
Doors self close in the event of fire.

Ventilation: Ventilation on all shelf levels.
75mm inlet and exhaust on roof of cabinet.

Model No. D-LV1

Specification as above but 895mm wide

Model No. D-MV1



External Dimensions: 595 x 595 x 2080 (WxDxH) mm.
Internal Dimensions: 499 x 446 x 1830 (WxDxH) mm.
Storage: Total storage 0.84m² - (3 no. adjustable shelves + base).
Bund: Removable Spill Tray with perforated cover.
Finish: Polyester powder coated paint finish - RAL 7035 light grey, doors in RAL 1018 zinc yellow.
Access: Hinged door with key operated locks.
Door self closes in the event of fire.
Ventilation: Ventilation on all shelf levels.
75mm inlet and exhaust on roof of cabinet.

Model No. D-XSV1



External Dimensions: 1195 x 595 x 1435(WxDxH) mm.
Internal Dimensions: 1099 x 446 x 1175 (WxDxH) mm.

Underbench Cabinets

Shelf/tray slides out automatically when door is opened.
Option of push handle or push to open.
600mm or 500mm deep cabinets.



Model No. D-UTS060667

External Dimensions: 600 x 593 x 631 (WxDxH) mm.

Internal Dimensions: 503 x 463 x 480 (WxDxH) mm.

Bund: Removable Spill Tray with perforated cover.

Finish: Polyester powder coated paint finish - RAL 7035 light grey, doors in RAL 1018 zinc yellow.

Access: Hinged door with key operated lock.

Door self closes in the event of fire.

Ventilation: 75mm inlet and exhaust on rear wall.



Cabinet Width

Model

888mm wide (2 door)

D-060967-003

1100mm wide (2 door)

D-061167-003

1100mm wide (2 door, 2 trays)

D-061167-005

1400mm wide (3 door)

D-061467-005

Atex Cabinet Extractors.



Atex extractor for extracting harmful vapours from flammable cabinets.
 230v 50hz. Requires connection to 75mm duct for extraction of vapours to atmosphere.
 Flow rate: 72m³/h
 Noise level: 56db.

Model 2.00.339

Atex Filtration for Cabinets.



Filtration unit sits on top of Flammables Cabinet and filters vapours from inside the Cabinet.
 Particle filter and Activated Carbon Filter provides almost 100% filtration.
 LEDs to display operation, and filter condition.
 Filters require replacement every 12 months.
 Visual and audible alarm is air flow drops.
 Flow rate: 24m³/h
 Noise level: 43db.
 230v 50hz.

Filtration Unit

Model 2.00.397

Replacement Filter set

Model 2.00.393

Ecosafe 90 minute Flammables Cabinets to EN 14470-1



High quality Cabinets with high levels of Fire Protection in accordance with the new European Safety Standard EN 14470-1(replaces DIN 12925-1).
 These cabinets have been subjected to a time/temperature test(BS EN 1363-1), to determine how long the inner temperature takes to reach 180°C
 Fully Insulated Construction.
 100mm Air inlet and Outlet in rear panel – seals itself in the event of fire(automatically at 70°C).
 Self Closing Doors(automatically close if external temperature reaches 50°C).
 Key operated Locks on each door.
 Door seals expand in the event of fire to fully seal cabinet.
 Spill Containment Sump (maintains its integrity after fire test).

Guideline for choosing Cabinet

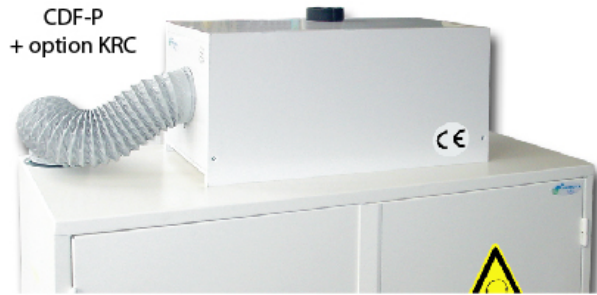
Flash Point of your Flammable Liquids	Recommended Cabinet Rating
Above 55°C	15 minute
55°C - 21°C	30 Minute
21°C - 0°C	60 Minute
Below 0°C	90 Minute

90 Minute Fire Protection

<u>Model</u>	<u>Weight</u>	<u>Dimensions</u>	<u>Doors</u>	<u>Storage</u>
Model 791E	130kgs	635w x 615d x 670h mm	1 Door	1 Shelf
Model 792E	215kgs	1135w x 615d x 670h mm	2 Door	1 Shelf
Model 793E	300kgs	1135w x 615d x 1080h mm	2 Door	1 Shelf
Model 794E	290kgs	635w x 615d x 1880h mm	1 Door	3 shelves
Model 795E	455kgs	1135w x 615d x 1880h mm	2 Door	3 shelves

ECOSAFE ATEX VENTILATION & FILTRATION BOXES - CMAT

ISO 5801 - ISO 9614/1 - AMCA 210-85 - CE



Atex Extract fan, model CMAT –II2G EE eII T4.

Powder coated steel housing(white) 305 x 580 x 300

- 220/240 volts – 50Hz –120w – 1,07A - 65dB(A)
- Flow 190m³/hour – Protection IP24
- Exhaust inlet Ø 100 mm / outlet Ø 100 mm.

Supplied with Connection kit.

Atex Filtration Unit.

Specification as above but with Charcol Filter for organic and corrosive vapours, allows filtered air to be exhausted into room.
Filter to be replaced every 12 months.