



CHEMICAL STORAGE ROOMS AND CABINETS



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CHEMICAL STORAGE CABINETS



Conditionaire International supply an extensive range of chemical safety storage cabinets to suit the custom requirements of any laboratory or classroom. These include; Flammable, Toxic, Oxidising and Corrosive. We supply and Install the following brands in conjunction with our exhaust systems.

Conditionaire International fume cupboards are designed to allow a chemical storage cabinet to fit underneath with the option to be mechanically ventilated.

Chemical Storage cabinets are essential in maintaining a high standard of work health & safety procedures. They protect the employees, visitors and the facility by safely securing any harmful and flammable product fumes.

Talk to one of our team members for further information and competitive pricing.

Options:

- Various fire ratings available from 15 minutes to 90 minute fire rating.
- Custom internal configurations of shelving and drawers.
- Available with inline filtered exhaust fan - ([ASESCOS models only](#))
- Various models available
- Alarm kit available for an audio-visual alarm to be generated in instances of loss of airflow or mains power failure

Conditionaire International has engineered ventilation solutions to mechanically exhaust all models of chemical storage cabinets. We offer a Turn Key solution or exhaust kit for local installation. See our specifications below:

Chemical Storage Cabinet Fume Ventilation

- For Corrosive chemical safety cabinet – common duct size 50mm – 200mm PVC with Corrosive resistant exhaust fan
- For Flammable chemical safety cabinet – common duct size 50mm – 200mm steel or PVC (gal / stainless steel) with Anti-Static exhaust fan
- For Toxic chemical safety cabinet – common duct size 50mm – 200mm PVC with Corrosive resistant exhaust fan
- For Oxidizing chemical safety cabinet – common duct size 50mm – 200mm PVC with Corrosive resistant exhaust fan

Note: AS2243.8 does not permit combining storage cabinet exhaust systems with a fume cupboard exhaust system.

CABINET DIMENSIONS



Fusible links hold doors wide open and melts at 74°C for automatic closure (on self-close models).



Patented concealed self-close mechanism provides obstruction free access to top shelf space. Self-indexing doors guarantee they will close in sequence and assure a tight closure from top to bottom (on self-close models).



Rounded safety corners on doors reduce accidental nicks or cuts and potential hand injury.



Haz-Alert™ Reflective labeling provides high visibility in the dark under fire conditions or power outage when illuminated by a flashlight beam. Patent Pending.

Minimal air-gaps provide better protection.

Double wall thermal barrier. 1.2mm sheet steel thickness with 40mm wall spacing.

Easy close, selflatching doors.

Fully-welded (not riveted) construction holds squareness for longer life, offering greater protection in a fire since air gaps are reduced.

Continuous piano hinge provides smooth closure.

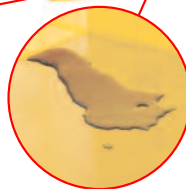
Built-in grounding connector (on outside side panel) for easy grounding.

Dual vents with builtin flame arresters strategically placed at bottom and opposite top are welded, not screwed in place.

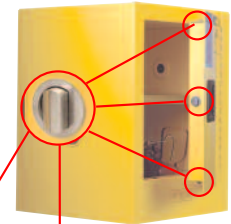
Durable and chemical resistant, hybrid leadfree powder coat paint finish, inside-and-out, retains high gloss look and minimizes the effects of corrosion and humidity.



Adjustable leveling feet for stability on uneven surfaces.



Welded shelf hangers interlock with shelf to offer maximum "no slip" stability... and no flimsy brackets to lose.



Stainless steel, three-point bullet self-latching system provides easy, fail-safe, positive door closure with increased heat resistance.



Exclusive U-Loc™ Padlockable Handle. Optional padlock allows for extra security and keycoding multiples for convenient access. Flush paddle handle with slip resistant grip offers easy fingertip operation and reduces dangerous "catches" from passing traffic. Double key set included for keyed lock. Patent Pending

Exclusive SpillsSlope™ safety shelves directs spills to back and bottom of leak proof sump. Heavy-gauge galvanized steel shelves are bi-directional and easily adjust on 76mm centers versatile storage. Each cabinet is provided standard with 150 mm deep sump to contain spills or leaks within the cabinet.

CABINET DIMENSIONS					
Model Number	Capacity	Shelves	Doors H x W x D	External Measurement H x W x D	Internal Measurement
AU25602	350	3	2	1760 x 870 x 870	1520 x 785 x 785
AU25452	250	3	2	1760 x 1100 x 465	1520 x 1020 x 375
AU25302	160	2	2	1230 x 1100 x 465	990 x 1020 x 375
AU25304	85	3	1	1760 x 595 x 465	1520 x 515 x 385
AU25308	210	3	1	1760 x 595 x 870	1520 x 515 x 785
AU25748	100	2	2	800 x 920 x 565	560 x 830 x 480
AU25712	60	2	1	1005 x 595 x 465	765 x 505 x 375
AU25714	30	2	1	800 x 595 x 465	560 x 505 x 375
AU25716	15	1	1	560 x 595 x 460	425 x 505 x 375
AU25701	250		2	1760 x 870 x 870	1520 x 785 x 785
AU25662	250		2	1385 x 765 x 1225	1145 x 685 x 1145
24040	8		1	500 x 365 x 415	380 x 285 x 330
24120	15		2	470 x 610 x 410	350 x 560 x 360
24140	90	1	2	908 x 915 x 560	758 x 865 x 510
24150	120	2	2	1525 x 1070 x 455	1375 x 1020 x 405
24160	30	2	2	890 x 920 x 600	720 x 805 x 475

All types of cabinets have the same external measurements. The internal measurements shown are for "Flammable, Corrosive, Poison or Pesticide cabinets." For details on Organic Peroxides and Oxidising Agents please contact Conditionaire.





CORROSIVES STORAGE CABINETS



Corrosive Cabinets have a Polyethylene tray on each shelf to collect any accidental spillages.

Designed to withstand fire, these cabinets provide a safe environment to store most corrosive chemicals.

If you need to store chemicals such as Phenol, Nitric Acid, Sulphuric Acid or other substances with highly corrosive vapours, we suggest you look at the Wood Laminated or Polyethylene Constructed Cabinets.



AU25452B



AU25712B



AU25304B



24040



24140



24160



24120 / 24140 / 24150

Model Number	Description	Approval	Weight Kg
Storage Cabinets...Blue Powder Paint Finish			
These Cabinets are manufactured to comply with AS 3780 for the safe storage of Corrosive Substances.			
AU25602B	350 Litre, 3 Shelves, 2 Door, 15 x 20 Litre Drums	FM	177.8
AU25452B	250 Litre, 3 Shelves, 2 Door, 9 x 20 Litre Drums	FM	143.8
AU25302B	160 Litre, 2 Shelves 2 Door, 6 x 20 Litre Drums	FM	109.8

Slim Line Styled Storage Cabinet...Blue Powder Paint Finish			
AU25304B	110 Litre, 3 Shelves, 1 Door	FM	95.0
AU25308B	170 Litre, 3 Shelves, 1 Door	FM	135.0

Tray Top or Under Bench Storage Cabinets...Blue Powder Paint Finish			
AU25748B	100 Litre, 2 Shelves, 2 Doors	FM	86.1

Compac Storage Cabinets...Blue Powder Paint Finish			
AU25712B	60 Litre, 2 Shelves, 1 Door	FM	59.0
AU25714B	30 Litre, 2 Shelves, 1 Door	FM	45.0

Storage Cabinets...Blue Polyethylene Construction			
24040	15 Litre, 1 Door		14.0
24160	30 Litre, 2 Shelves, 2 Door		59.0

Storage Cabinets...Blue Wood Laminate Construction Suitable for Aggressive Corrosives.			
24120	6 x 2 1/2 Litre Bottles, 2 Door		24.0
24140	36 x 2 1/2 Litre Bottles, 2 Door		82.0
24150	49 x 2 1/2 Litre Bottles, 2 Door		125.0





FLAMMABLE STORAGE CABINETS



Flammable Safety Storage Cabinets provide a safe, close-by, secure and time-saving method for storing all types of dangerous materials and help you to maintain good housekeeping practices.

All cabinets are fire tested to comply with the FM rating, something no other cabinet sold in Australia can claim, they also not only comply, but exceed Australian Standard AS 1940.

They help companies by providing product near to the workplace thus avoiding the time consuming and often risky practice of collecting from an outside storage facility.



AU25701



AU25662



AU25302



AU25452

Model Number	Description	Approval	Weight Kg
Drum Cabinets...Yellow Powder Paint Finish			
AU25662	207 Litre Horizontal Drum - 2 Door		168.3
AU25701	207 Litre Vertical Drum 2 Door With Rollers		192.8
AU25701W	207 Litre Vertical Drum 2 Door for Waste Products		170.0
Storage Cabinets...Yellow Powder Paint Finish			
AU25302	160 Litre, 2 Shelves, 2 Door, 6 x 20 Litre Drums	FM	104.8
AU25452	250 Litre, 3 Shelves, 2 Door, 9 x 20 Litre Drums	FM	142.0
AU25602	350 Litre, 3 Shelves, 2 Door, 15 x 20 Litre Drums	FM	177.8
Slim Line Styled Storage Cabinet...Yellow Powder Paint Finish			
AU25304	110 Litre, 3 Shelves, 1 Door	FM	95.0
AU25308	170 Litre, 3 Shelves, 1 Door	FM	135.0
Tray Top or Under Bench Cabinet...Yellow Powder Paint Finish			
AU25748	100 Litre, 2 Shelves, 2 Doors	FM	86.1
Compac Storage Cabinet...Yellow Powder Paint Finish			
AU25712	60 Litre, 2 Shelves, 1 Door	FM	59.0
AU25714	30 Litre, 2 Shelves, 1 Door	FM	45.0
AU25716	20 Litre, 1 Shelves, 1 Door	FM	40.0



AU25602



AU25714



AU25748



AU25304 / AU25308





TOXIC SUBSTANCE (POISON) CABINETS



These Cabinets are manufactured to comply with AS 4452 for the safe storage of Toxic Substances. This Standard also states that a Safety Shower and Eye/Wash must be installed where packages are opened.



AU25452T



AU25748T



Model Number	Description	Approval	Weight Kg
Storage Cabinets ..White Powder Paint Finish			
AU25602T	350 Litre, 3 Shelves, 2 Door, 15 x 20 Litre Drums	FM	177.0
AU25452T	250 Litre, 3 Shelves, 2 Door, 9 x 20 Litre Drums	FM	142.0
AU25302T	160 Litre, 2 Shelves, 2 Door, 6 x 20 Litre Drums	FM	104.8
AU25748T	100 Litre, 2 Shelves, 2 Doors	FM	86.1
AU25712T	60 Litre, 2 Shelves, 1 Doors	FM	59.0
AU25714T	30 Litre, 2 Shelves, 1 Doors	FM	45.0

Oxidising Agent Cabinets

Australian Standard AS 4326 prohibits more than 50 kg or 50 L of Packaging Group I to be stored in a Cabinet. Up to 250 kg or 250 L of Packaging Group II may be stored in one Cabinet.

Storage Cabinets...Yellow Powder Paint Finish

AU25452OA	250 Litre, 3 Shelves, 2 Door, 9 x 20 Litre Drums	FM	142.0
AU25302OA	160 Litre, 2 Shelves, 2 Door, 6 x 20 Litre Drums	FM	142.0
AU25748OA	100 Litre, 2 Shelves, 2 Doors	FM	86.1
AU25712OA	50 Litre, 2 Shelves, 1 Door	FM	59.0

Organic Peroxide Cabinets

These Cabinets are designed to comply with AS 2714 and have a sump capacity equal to the total of the contents of the Cabinet. They are designed so that in the event of an explosion the doors will open outwards. For this reason the maximum capacity of a Cabinet is 100 kg or 100 L.

Storage Cabinets...Yellow Powder Paint Finish

AU25452OP	100 Litre, 3 Shelves, 2 Door	FM	142.0
AU25302OP	80 Litre, 2 Shelves, 2 Door	FM	104.0
AU25748OP	60 Litre, 2 Shelves, 2 Doors	FM	86.1
AU25712OP	50 Litre, 2 Shelves, 1 Door	FM	59.0



** Pesticide Cabinets **

These Cabinets are manufactured for the safe storage of Pesticides. A Safety Shower and Eye/Wash must be installed where packages are opened.

Storage Cabinets...Green Powder Paint Finish

AU25602P	350 Litre, 3 Shelves, 2 Door, 15 x 20 Litre Drums	FM	177.8
AU25452P	250 Litre, 3 Shelves, 2 Door, 9 x 20 Litre Drums	FM	142.0
AU25302P	160 Litre, 2 Shelves, 2 Door, 6 x 20 Litre Drums	FM	104.8
AU25748P	100 Litre, 2 Shelves, 2 Door	FM	86.1



AU25302P

** Shelves for all Cabinets**

25901	Shelf to suit 25302 and 25452 Cabinets
25909	Shelf to suit 25602
25995	Shelf to suit 25714 and 25712 Cabinets





"the fume cupboard and air curtain specialists"

CHEMICAL STORAGE CABINET EXHAUST SYSTEM



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ACCREDITED FOR
**TECHNICAL
COMPETENCE**



"the fume cupboard and air curtain specialists"

CHEMICAL STORAGE ROOM EXHAUST



For Chemical Store Areas to comply with Australian Standards AS1940

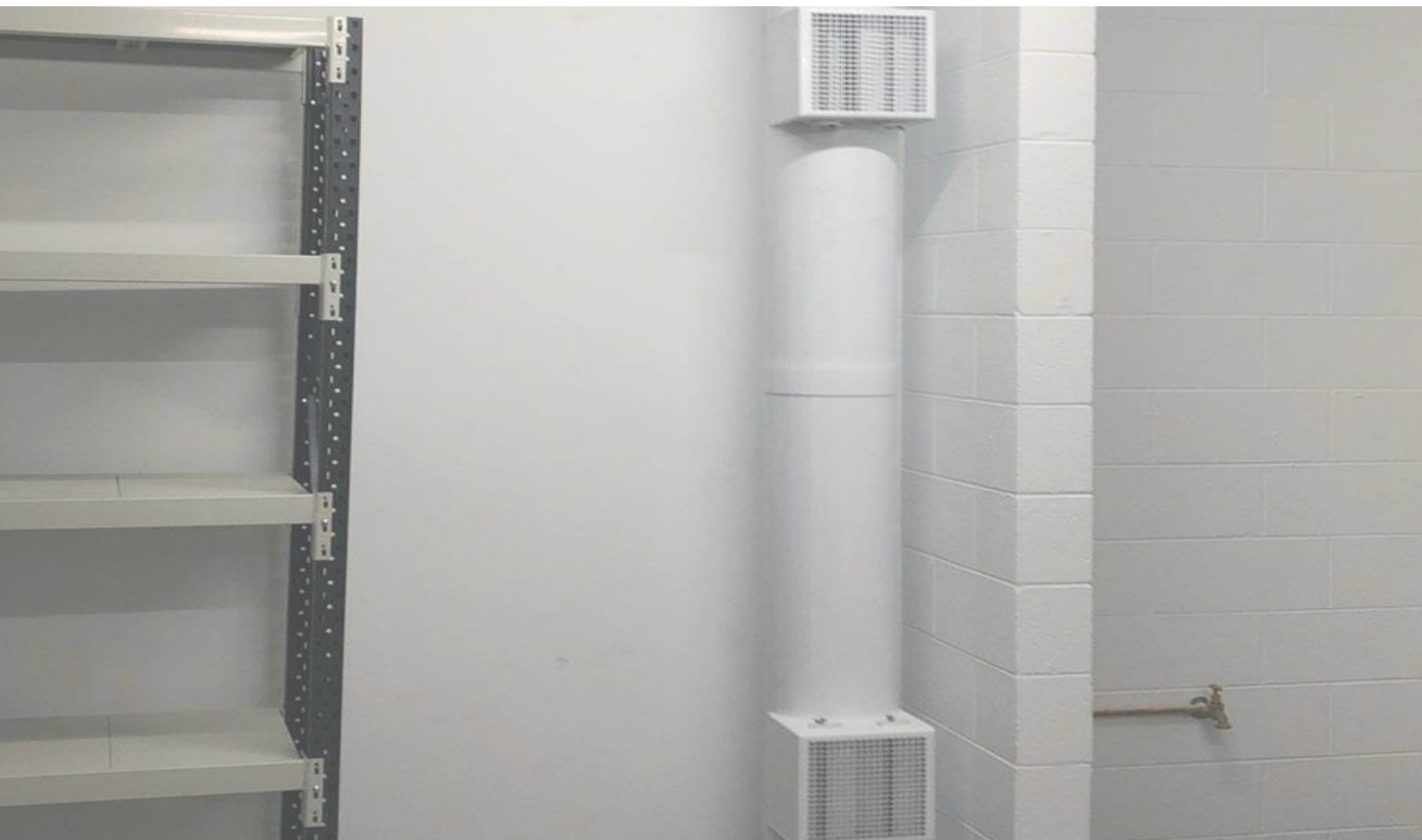
Conditionaire International is a market leader when it comes to Chemical Storage room exhaust systems. We can design, manufacture, install and commission a complete chemical storage room exhaust system.

Chemical Storage room exhaust systems are designed to efficiently ventilate a concentrated room full of chemicals, this provides a reliable WHS solution for staff, visitors and contractors.

Chemical storage room exhaust systems can be manufactured using uPVC, Polypropylene or Stainless steel and come complete with:

- High/Low level Droppers,
- Volume control dampers,
- Grilles or louvres.

We offer a turn key solution or Contractors package for the entire system and provide the expertise to ensure maximum effectiveness.



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