

Safety Cabinet Makes it Safe

OSHA CFR29 1910.106 & NFPA Code 30 Compliance



Safety Storage Cabinet System

Protect workers, reduce fire risks, and improve productivity by storing flammable fuels and chemicals in code-compliant safety cabinets. Designed to meet OSHA and NFPA 30 standards, Huanawell ZOYET cabinets are constructed of sturdy 18-gauge (1-mm) thick double-wall, welded steel with 1-1/2-in (38-mm) of insulating air space for fire resistance. Fail-safe closing mechanism ensures three-point stainless steel bullet latching system works every time. Reflective warning labels are highly visible under fire conditions or during power outages when illuminated with a flashlight.

Galvanized steel shelves direct spills to back and bottom of a leakproof sump. They adjust on 2-3/8" (60mm) centers for versatile storage. Cabinets also feature a leakproof 2-in (51-mm) bottom sump, dual vents with flame arresters, four adjustable self-leveling feet, grounding connector and trilingual warning label. Durable lead-free epoxy/polyester powder-coat finish provides excellent chemical resistance.

How to Select A Safety Cabinet

Size and type of container:

Determine if you are storing safety cans, 30- and 55-gallon (110- and 200-L) drums, smaller paint cans, 1 quart (4-L) bottles, aerosols, dispenser cans or other containers.

Capacity:

Select specialty cabinets for on-the-spot needs; larger cabinets for expanded or large quantity storage.

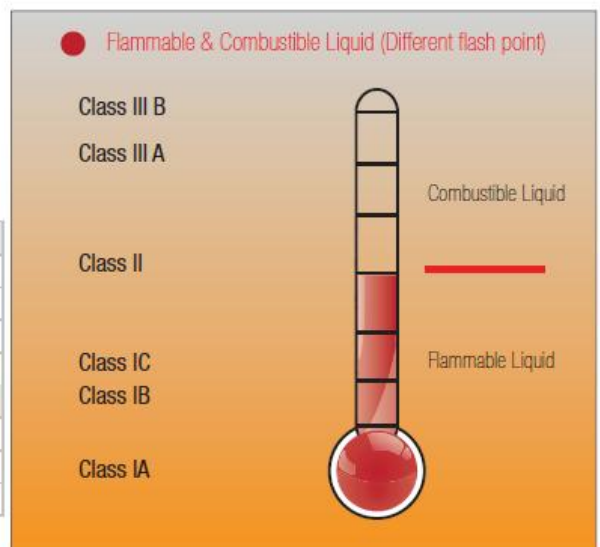
Type of chemical:

Easily identify, organize and segregate liquids by using the correct color cabinets.

Hazard classification for flammable liquids			
Class	Flash point	Boiling point	Examples
I-A	below 73°F (23°C)	below 100°F (38°C)	diethyl ether, pentane, ligroin, petroleum ether
I-B	below 73°F (23°C)	at or above 100°F (38°C)	acetone, benzene, cyclohexane, ethanol
I-C	73-100°F (24-38°C)	---	p-xylene
Hazard classification for combustible liquids			
II	101-140°F (39-60°C)	---	diesel fuel, motor oil, kerosene, cleaning solvents
III-A	141-199°F (61-93°C)	---	paints (oil base), linseed oil, mineral oil
III-B	200°F (93°C) or above	---	paints (oil base), neatsfoot oil

How to maintain a cabinet

Always store chemicals in closed containers. Clean up spills promptly. Be sure cabinet is level and located indoors in a well ventilated, low humidity environment. Never drill into a cabinet wall—this will negate the FM approval. Ensure cabinet doors are fully operational—that they properly close and engage the three-point latch.



Type of Safety Storage Cabinets



Cabinet Color Identifications:

- Yellow for flammable liquids**
- Red for combustible liquids**
- Blue for corrosive liquids**
- White for toxic liquids**
- Green for pesticides & insecticides**

For hazardous chemicals storage, colors and labels are generally used to identify different chemicals, so if fires occur, it is easy for firemen to identify hazardous chemicals.

Our flammable liquid and chemical Safety Cabinets are classified into the following series:

- Flammable Cabinets ■ Combustible Cabinets ■ Corrosive Cabinets
- Toxic Cabinets ■ Pesticide Cabinets

line secure storage cabinets offer market high performance protection

and code-compliant storage for flammable, corrosive, toxic, pesticides and other chemical liquids

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30-gallon (114-liter) manual close door style

- Fully welded, not riveted, construction holds squareness for longer life and offers greater protection in a fire since air gaps are reduced.
- safety shelves direct spills to back and bottom of leakproof sump. Adjustable on 2.36-in (60-mm) centers, they meet ANSI standards with a 218-lb (99-kg) theoretical allowable load.
- Welded shelf hangers interlock with shelf to offer maximum "non-slip" stability with no flimsy brackets to lose.
- Dual vents with built-in flash arresters strategically placed at bottom and opposite top.
- 2-in (51-mm) leakproof containment sump holds leaks and meets US EPA requirements.
- Dual vents with built-in flash arresters strategically placed at bottom and opposite top.
- Sturdy 18-gauge (1-mm) double wall steel construction with 1-1/2-in (38-mm) of insulating air space.
- Continuous piano hinge provides better open-close smooth operation, ensuring endurance and reliability.
- Fully welded, not riveted, construction holds squareness for longer life and offers greater protection in a fire since air gaps are reduced.
- Durable and chemical-resistant, lead-free powder-coat paint finish, inside and out, retains high gloss look and minimizes the effects of corrosion and humidity.



Built-in grounding connector (on outside side panel) for easy grounding. Grounding wire is available at customer's request.



Adjustable leveling feet make it easy to balance cabinets on uneven surfaces.

10 Year
Limited Warranty

Complies with US OSHA 29 CFR 1910.106 and NFPA Code 30, section 4.3.3;



Stainless steel, 3-point bullet self-latching system provides easy, fail-safe, positive door closure with increased heat resistance.



Highly secure lock with dual protection (padlock and key lock) makes storage safer—Master™ lock also available as optional lock device.



Wholly structured and formed safety shelves direct spills to back and bottom of leakproof sump; adjustable on 2.36-in (60-mm) centers for versatile storage.



Welded and riveted construction holds squareness for long life, complying with NFPA & FM requirement for tightness and sturdiness.





"Flammable-Keep Fire Away" label makes it apparently visible for site manager or operators to identify where the chemicals stored quickly. Highly visible reflective label available at customer's request.




Flammable Liquid Storage Cabinet

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Compact Flammable Safety Cabinet

Ref. Photo	Capacity Gallons/Liters	Model No.	Code No.	Sump Capacity Gallons/Liters	Number of doors and Style	Adjustable Shelves	Dimension (H x W x D) mm(inch)		Ship Weight (KG/LB.)
							Exterior	Interior	
	4/15	ZYC0004	1004001	1.6/6	1, manual	1	560 X 430 X 430 (22 X 17 X 17)	450 X 340 X 345 (17.7 X 13.4 X 13.6)	35
	12/45	ZYC0012	1012001	2.5/9.4	1, manual	1	890 X 590 X 480 (35 X 23.3 X 18)	780 X 500 X 375 (30.7 X 19.7 X 14.8)	56

Standard Flammable Safety Cabinet

Ref. Photo	Capacity Gallons/Liters	Model No.	Code No.	Sump Capacity Gallons/Liters	Number of doors and Style	Adjustable Shelves	Dimension (H x W x D) mm(inch)		Ship Weight (KG/LB.)
							Exterior	Interior	
	22/83	ZYC0022	1022001	2.5/9.5	1, manual	2	1650 X 590 X 460 (65 X 23.3 X 18)	1540 X 500 X 375 (60.6 X 19.7 X 14.8)	85
	30/114	ZYC0030	1030001	5/19	2, manual	1	1120 X 1090 X 460 (44 X 43 X 18)	1010 X 1000 X 375 (39.8 X 39.4 X 14.8)	100
	45/170	ZYC0045	1045001	5/19	2, manual	2	1650 X 1090 X 460 (65 X 43 X 18)	1540 X 1000 X 375 (60.6 X 39.4 X 14.8)	138
	60/227	ZYC0060	1060001	8.3/31.5	2, manual	2	1650 X 860 X 860 (65 X 33.9 X 33.9)	1540 X 770 X 775 (60.6 X 30.3 X 30.5)	165
	90/340	ZYC0090	1090001	10.7/40.6	2, manual	2	1650 X 1090 X 860 (65 X 43 X 33.9)	1540 X 1000 X 775 (60.6 X 39.4 X 30.5)	190
	110/410	ZYC0110	1011001	14.4/54.6	2, manual	2	1650 X 1500 X 860 (65 X 59 X 33.9)	1540 X 910 X 775 (60.6 X 55.5 X 30.5)	270



Drum Storage Safety Cabinet

Ref. Photo	Drum Capacity Gallons/Liters	Model No.	Code No.	Sump Capacity Gallons/Liters	Number of doors and Style	Adjustable Shelves	Dimension (H x W x D) mm(inch)		Ship Weight (KG/LB.)
							Exterior	Interior	
	One 55/200	ZYC0060	1055001	8.3/31.5	1, manual	1	1650 X 860 X 860 (65 X 33.9 X 33.9)	1540 X 770 X 775 (60.6 X 30.3 X 30.5)	165
	Two 55/200	ZYC0110D	1011021	14.4/54.6	2, manual	1	1650 X 1500 X 860 (65 X 59 X 33.9)	1540 X 910 X 775 (60.6 X 55.5 X 30.5)	270
	(Partitioned) Two 55/200	ZYC0110DP	1011041	14.4/54.6	2, manual	3	1650 X 1500 X 860 (65 X 59 X 33.9)	1540 X 910 X 775 (60.6 X 55.5 X 30.5)	290





Acid & Corrosive Storage Cabinet

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Compact Acid & Corrosive Safety Cabinet

Ref. Photo	Capacity Gallons/Liters	Model No.	Code No.	Sump Capacity Gallons/Liters	Number of doors and Style	Adjustable Shelves	Dimension (H x W x D) mm(inch)		Ship Weight (KG/LB.)
							Exterior	Interior	
	4/15	ZYC0004B	1004101	1.6/6	1, manual	1	560 X 430 X 430 (22 X 17 X 17)	450 X 340 X 345 (17.7 X 13.4 X 13.6)	35
	12/45	ZYC0012B	1012101	2.5/9.4	1, manual	1	890 X 590 X 460 (35 X 23.3 X 18)	780 X 500 X 375 (30.7 X 19.7 X 14.8)	56



Standard Acid & Corrosive Safety Cabinet

Ref. Photo	Capacity Gallons/Liters	Model No.	Code No.	Sump Capacity Gallons/Liters	Number of doors and Style	Adjustable Shelves	Dimension (H x W x D) mm(inch)		Ship Weight (KG/LB.)
							Exterior	Interior	
	22/83	ZYC0022B	1022101	2.5/9.5	1, manual	2	1650 X 590 X 460 (65 X 23.3 X 18)	1540 X 500 X 375 (60.6 X 19.7 X 14.8)	85
	30/114	ZYC0030B	1030101	5/19	2, manual	1	1120 X 1090 X 460 (44 X 43 X 18)	1010 X 1000 X 375 (39.8 X 39.4 X 14.8)	100
	45/170	ZYC0045B	1045101	5/19	2, manual	2	1650 X 1090 X 460 (65 X 43 X 18)	1540 X 1000 X 375 (60.6 X 39.4 X 14.8)	138
	60/227	ZYC0060B	1060101	8.3/31.5	2, manual	2	1650 X 860 X 860 (65 X 33.9 X 33.9)	1540 X 770 X 775 (60.6 X 30.3 X 30.5)	165

Combustible Paints & Inks Cabinet

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Standard Acid & Corrosive Safety Cabinet

Ref. Photo	Capacity Gallons/Liters	Model No.	Code No.	Sump Capacity Gallons/Liters	Number of doors and Style	Adjustable Shelves	Dimension (H x W x D) mm(inch)		Ship Weight (KG/LB.)
							Exterior	Interior	
	30/114	ZYC0030	1030201	5/19	2, manual	1	1120 X 1090 X 460 (44 X 43 X 18)	1010 X 1000 X 375 (39.8 X 39.4 X 14.8)	100
	45/170	ZYC0045	1045201	5/19	2, manual	2	1650 X 1090 X 460 (65 X 43 X 18)	1540 X 1000 X 375 (60.6 X 39.4 X 14.8)	138