

# 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.

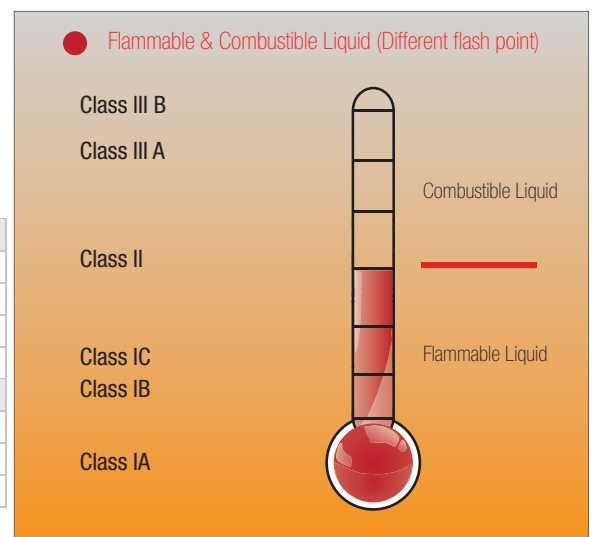
### Type of chemical:

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

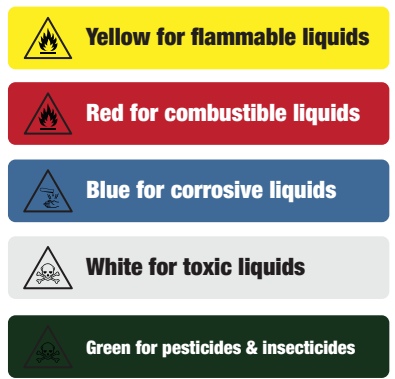
Always store chemicals in closed containers. Clean up spills promptly. Be sure cabinet is level and located indoors in a well ventilated, low humidity environment. Never drill into a cabinet wall—this will negate the FM approval. Ensure cabinet doors are fully operational—that they properly close and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



## Type of Safety Storage Cabinets



## Cabinet Color Identifications:



For hazardous chemicals storage, colors and labels are generally used to identify different chemicals, so if a fire occurs, 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

*Huanawell® ZOYET® ZYC-line secure storage cabinets offer market high performance protection and code-compliant storage for flammable, corrosive, toxic, pesticides and other chemical liquids OSHA CFR29 1910.106 & NFPA Code 30 Compliance*

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) theoretically 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.

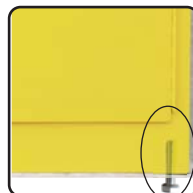
Fully welded, not riveted, construction holds squareness for longer life and offers greater protection in a fire since air gaps are reduced.

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.

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



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

OSHA CFR29 1910.106 & NFPA Code 30 Compliance




## 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 460 (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

OSHA CFR29 1910.106 &  
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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