

SYSBEL[®]
021-61948808
FLAMMABLE
KEEP FIRE AWAY
CE
SYSBEL[®]
FLAMMABLE LIQUID
STORAGE CABINET

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FLAMMABLE
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Zone 1R 易燃·远离火源
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Selection of Containment Equipment

CONTAINMENT EQUIPMENT

Factors to Consider

Containment equipment serves various essential purposes, including reducing the risk of fires, safeguarding personnel and facilities, organizing hazardous materials, ensuring regulatory compliance, enhancing efficiency, and improving a company's image.

This equipment encompasses safety cabinets for storing various materials, safety containers that control hazardous substances and vapors, utility products to facilitate safer cleaning with flammable substances, and containment systems designed to prevent water contamination and accidental slips due to leaks and spills.



SYSBEL Safety Storage Cabinet

SYSBEL®

18Ga (1-mm) quality galvanized steel

Adjustable shelves with an anti-leakage design

Shelf brackets welded on both sides of the cabinet

Lead-free polished coating for corrosion and moisture resistance

Complies with dual-person management regulations

Attained FM Certification



Fireproof vents reduce volatile substance concentration, preventing fire hazards, and spill-proof shelves prevent chemical leaks

Double fireproof steel panels with 38mm insulated temperature space

Features a three-point linkage lock, allowing the door to open 180°

Features a 5.3cm sump to prevent spills (45-gallon cabinet with a 19L spill capacity, meeting OSHA and EPA requirements)



It has acquired **FM and CE Certification** and is in strict compliance with FM Approval Standard for Storage Cabinets (Flammable and Combustible Liquids) Class Number 6050, OSHA 29 CFR 1910.106 of the American Occupational Safety and Health Administration, NFPA CODE30 of the American National Fire Protection Association, and the Hazardous Chemicals Control Ordinance of the State Bureau of State Production Supervision and Administration.



Adjustable Shelves
Adjustable every 6.5cm, maximizing space utilization



SYSTEXM Three-point Linkage Lock
Enhances safety with an easy-to-use flush paddle handle



Fireproof Ventilation Holes
Located on both cabinet sides, top, and bottom



Anti-Static Design Structure
Incorporates three-point bolts for anti-static measures



FM Approved Anti-Static Device
Conductor grip connects equipment to the cabinet for static grounding, preventing fires

Colors for Flammable Liquid and Chemical Safety Cabinet



Yellow for flammable liquid



Red for combustible liquid



Blue for corrosive liquid



White for toxic chemicals



SYSBEL 30,60,90 Mins Fire-Rated Flammable Liquid Safety Storage Cabinet

SYSBEL®

Description

- The cabinet is constructed from high-strength steel plate and coated with scratch-resistant, impact-resistant, and durable orange-striped molding powder via electrostatic spraying, ensuring easy cleaning. Fireproof gypsum board insulation lines the cabinet interior for fire prevention.
- During normal use, the semi-automatic door can be manually operated. In the event of a fire, the built-in fuse connection system triggers at 122°F (50°C), automatically closing the door to safeguard stored items. A damping screw on the door enables force adjustment.
- Ventilation holes' baffle plates close automatically in fire conditions at 158°F (70°C), and the ventilation system can connect to an exhaust pipe or air filter.
- Specially designed heat-sensitive materials in the door joints automatically expand during a fire, ensuring a sealed cabinet interior.
- Each door is equipped with a separate cylindrical lock to prevent unauthorized access and has reflective warning labels in multiple languages for visibility during emergencies or power failures.
- A detachable bottom leakage groove features guide plates on three sides to effectively capture liquid overflow from shelves, with perforated inserts used to support containers and prevent soaking.
- The cabinet includes three adjustable steel shelves with 32mm spacing between intervals and a load capacity of 75kg per shelf. Shelf turn-up height is 30mm to prevent small containers from slipping off.
- Adjustable leveling feet on the cabinet's bottom ensure stability on uneven surfaces.
- An electrostatic grounding conductive port allows easy connection to static grounding conductors.
- The safety cabinet is compliant with EN 14470-1, NFPA 30, and OSHA regulations, with SE830450 achieving TÜV certification through an independent fire test.



SYSBEL®

TÜV Certification



SE860230



SE830450



SE890450



TÜV Test Sample

EN.NFPA30.OSHA Certification



SE490190



SE890230



SE490300



WAB005

Safety Storage Cabinets

Fire Resistance (cm)	Door Type	Color	Certification	Ext Dimension (HxWxD/cm)	Packaging Dimension (HxWxD/cm)	Standard Adjustable Laminate (block)	Load Bearing of Laminate (Kg)	Leakage Tank Capacity at the Bottom (L)	Outlet Connection Diameter (mm)	Store a Single Largest Container (L)	Volume (Gal/L)	Model
30	Double Door/ Self-close	Yellow	EN14470-1	204x116x62.5	218x123x74	3	75	37	100	17	45/170	SE830450
60	Single Door/ Self-close	Yellow	EN14470-1	204x60x62.5	218x67x74	3	75	18.5	100	9	23/87	SE860230
90	Double Door/ Self-close	Yellow	EN14470-1	63x110x59	77x117x70.5	-	-	32	75	7.5	19/72	SE490190
90	Single Door/ Self-close	Yellow	EN14470-1	204x60x62.5	218x67x74	3	75	18.5	100	9	23/87	SE890230
90	Double Door/ Self-close	Yellow	EN14470-1	204x90x62.5	218x97x74	3	75	30	100	12	30/114	SE490300
90	Double Door/ Self-close	Yellow	EN14470-1	204x116x62.5	218x123x74	3	75	37	100	17	45/170	SE890450

Moving Wheel

Name	Loading Capacity	Adjustable Cabinets	Model	Description
Moving Wheel	600kg	SE490300, SE830450, SE890450		Convenient for the cabinet to move indoors and can pass through normal room doors

***Selection Tips:** This series offers various colors, including yellow, blue, white, etc., with differing cabinet door colors. The yellow series SKU is depicted in the pictures above. To select the blue series, please append "-B" to the SKU in the table, and for the white series, add "-W" to the SKU.



SYSBEL®



Flammable liquid and chemical safety cabinets Choose colors and types for your needs

Flammable Cabinets

Yellow safety cabinet for storing flammable liquids (low and medium flashpoint liquids, flashpoint < 37.8°C)

Combustible Cabinets

Red safety cabinet for storing paintings, oil, and other flammable liquids (high flashpoint liquids², flashpoint > 37.8°C)

Corrosive Cabinets

Blue safety cabinet for storing corrosive liquids³

Toxic Cabinets

White safety cabinet for storing toxic chemicals

SYSBEL Flammable Liquid and Chemical Safety Cabinets Specification

Volume (Gal/L)	Certification	Door Type	Ext Dimension (HxWxD/cm)	Packaging Dimension (HxWxD/cm)	Adjustable Shelves (Pcs)	Shelf Loading Weight (Kgs)	N.W. (Kgs)	G.W. (Kgs)	Yellow Model	Red Model	Blue Model	White Model
4/15	CE	Single Door/ Manual	56x43x43	72x53x53	1	50	27.3	35	WA810040	WA810040R	WA810040B	-
10/38	-	Single Door/ Manual	64x59x60	82x69x69	1	50	34	48	WA810100	-	-	-
12/45	FM CE	Single Door/ Manual	89x59x46	108x70x57	1	50	44.6	56	WA810120	WA810120R	-	WA810120W
22/83	FM CE	Single Door/ Manual	165x60x46	182x70x57	3	50	74.3	90	WA810220	-	-	-
30/114	FM CE	Double Door/ Manual	112x109x46	130x120x57	1	100	86.2	102	WA810300	WA810300R	WA810300B	-
45/170	FM CE	Double Door/ Manual	165x109x46	182x120x57	2	100	114	133	WA810450	WA810450R	WA810450B	WA810450W
54/204	FM CE	Single Door/ Manual	165x60x87	184x70x97	3	100	120.3	140	WA810540	-	-	-
55/207	CE	Double Door/ Manual	165x86x86	182x96x96	1	100	154.8	179	WA810550	-	-	-
60/227	FM CE	Double Door/ Manual	165x86x86	182x96x96	2	100	144.2	166	WA810600	WA810600R	-	-
90/340	FM CE	Double Door/ Manual	165x109x86	182x120x96	2	100	164.2	186	WA810860	WA810860R	WA810860B	-
110/415	CE	Double Door/ Manual	165x150x86	182x162x98	1	100	228.6	271	WA811100	-	-	-
115/434	CE	Double Door/ Manual	165x150x86	182x162x98	2 (Left) 1 (Right)	100	227.6	270	WA810115	-	-	-



A one-step-forming polyethylene corrosive cabinet provides maximum safety storage protection for polyethylene or corrosive chemicals

Sysbel polyethylene corrosive cabinets have a seamless structure to minimize leakage and provide excellent corrosion resistance and secondary leakage prevention. They feature dual padlocks, ensuring dual-person lock management compliant with U.S. EPA 264.175, U.S. OSHA 29 CFR 1910.1450, and the Chinese Management of Hazardous Chemicals Ordinance (December 1, 2011 edition). Additionally, the cabinet doors are equipped with warning labels for acidic and corrosive chemicals, enhancing safety in chemical storage management.

Desktop Single Door Polyethylene Corrosive Cabinet ACP80001

4-gallon capacity, all-plastic, corrosion-resistant design. Removable shelf, double-hinged door for flexible access, and ventilation vents. Additionally, two vents on both sides of the cabinet provide ventilation and allow for the discharge of pressure gas when necessary. Double padlock for dual-person lock management. CE certified.

Undercounter Double door Polyethylene Corrosive Cabinet ACP80002

22-gallon storage capacity with excellent corrosion resistance. Removable shelves enhance space utilization. Dual vents on each side for ventilation and pressure gas discharge. Double padlock design for dual-person lock management. CE certified.



It is CE approved and complies with EPA 264.175 of EPA, OSHA 29 CFR 1910.1450 of OSHA, as well as the Hazardous Chemicals Control Ordinance of SAWS.

***Tips:** In case of corrosive chemical leaks in cabinets, promptly use absorbents or other spill control products, and follow professional guidance for spill cleanup.

SYSBEL Polyethylene Corrosive Cabinets

Capacity Gal/L	No. of Doors & Style	Ext Dimension (HxWxD/cm)	Packaging Dimension (HxWxD/cm)	Adjustable Shelves	Volume of Bottom Leakage (Gal/L)	Shelf Loading Weight (Kgs)	G.W. (Kgs)	Model
4/15	One/ Desktop	49x41x36	51x43x40	1	1.79/6.8	50	8.8	ACP80001
22/83	Two/ Under Counter	89x91x55	91x93x58	4	3.17/12	50	35.5	ACP80002

Product Supporting Parts

Name of Part	For the type of Cabinets	Ext Dimension (HxWxD/cm)	Model
Poly Shelf	ACP80001	3x38.8x30	ACPL001
Poly Shelf	ACP80002	3x48x43	ACPL002



Double padlock to achieve double-person lock management, to provide a higher level of security (padlock is an optional part)



Special design of cabinet top, which can also be used as a workable



Two vents on both sides of the cabinet, can open the lids for ventilation or discharge of pressure gas when necessary



On the door, there are warning labels to remind people to watch out



No magnetic door holder and excellent in corrosion resistance



Cabinet shelves can be removed to enhance space utilization



Both sides of ACP80001 doors can be hinged, and the door can be opened to both sides, to make full use of the space

(1) Please refer to list of Hazardous Goods (GB 12268-90) and List of Hazardous Chemicals of SAWS (OSHA Code 29CFR 1910.106 2002 edition)

*** OSHA CODE 29 CFR 1910.106 specifies that for Class 1 & 2 flammable liquids the cabinet should hold less than 60 Gal.**



SYSBEL®

SYSBEL Oily Waste Cans

A good helper for you to connect oily trashes!

To prevent fire risks and safely collect rags and cloths soaked in oil, including flammable solvents and other liquids, use an OSHA-compliant oily waste can with a self-closing lid design, ensuring the lid opens at an angle of no more than 60° to control fire hazards effectively.



Comply with OSHA29
CFR910.106&1910.144 of OSHA



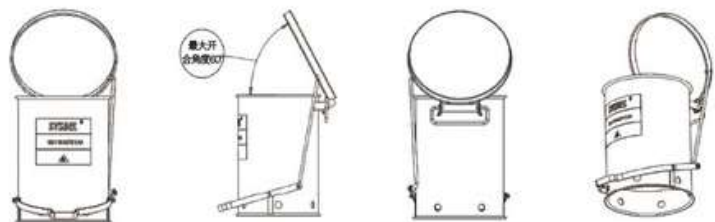
The oily waste can plays an important role!

1. Pedal switch control for hands-free operation
2. Unique can body and base design minimizes the risk of fire
3. Maximum lid opening angle of 60° adheres to Underwriters Laboratories (UL) safety standards
4. Red cans for tarnished flammable liquid waste, and yellow cans for tarnished combustible liquid waste

SYSBEL Oily Waste Cans

Capacity Gal/L	Ext Dimension (HxWxD/cm)	Packaging Dimension (HxWxD/cm)	N.W. (Kgs)	G.W. (Kgs)	Red Model
6/22.6	40x30	46x42x42	4.5	6	WA8109100
10/38	46x35	52x47x47	6	7.5	WA8109300
14/52.9	51x41	58x51x51	7.5	9	WA8109500
21/79.3	60x47	66x56x56	11	12	WA8109700

Type	For Type
Red Oily Waste Can	Flashing point, 80° F(27°C) Trash immersed in flammable liquids





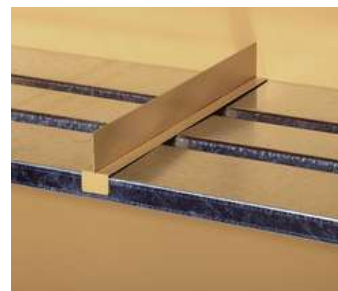
Safety Cabinet Parts



Shelf



Shelf Divider



Drum Ramp



Drum Roller



SYSBEL Cabinet Supporting Parts

Type	Name of Part	For the Type of Cabinet	Ext Dimension (HxWxD/cm)	G.W. (Kgs)	Model	Functions
Shelve	Galvanized Steel Shelf	4 Gal	3x33x33	1.4	WAL040	More storage area divisions for diversified needs
	Galvanized Steel Shelf	12 Gal	3x49.5x39.5	2.4	WLA012	
	Galvanized Steel Shelf	30/45 Gal	3x100x36	5.4	WAL03045	
	Galvanized Steel Shelf	60 Gal	3x76.3x76.3	7.8	WAL060	
	Galvanized Steel Shelf	90 Gal	3x100x76.3	9.7	WAL090	
PVC Trays	PVC Tray	4 Gal Corrosive Cabinet	2x37x33	0.24	WAP040	Use with blue steel safety cabinet to provide extra spill protection
	PVC Tray	30 & 45 Gal Corrosive Cabinets	2x36x100	0.70	WAP03045	
Drum Roller	Oily Drum Safety Cabinets Roller	55/110/115 Gal	11.5x75x68	22.9	WADR001	Supporting storage for oily and chemical drums
Drum Ramp	Oily Drum Safety Cabinets Ramp	55/110/115 Gal	11.5x75x68	8.6	WAR001	Special tread design to increase friction, convenient for oily drum cart loading and unloading operations
Ground Connection	Antistatic Earth Lead	Steel Safety Cabinets	2mm, Length 1.5m	0.2	WA001	Promptly eliminate electrostatic changes, to prevent static sparks

Type	Name of Part	For the Type of Cabinet	Ext Dimension (HxWxD/cm)	Model	Functions
Shelf Divider	Safety Cabinet Shelf Divider 4G	4 Gal	6x3x33.4	WASD0040	Extend cabinet functions to enhance its performance
	Safety Cabinet Shelf Divider 12G	12 Gal	6x3x35.9	WASD0012	
	Safety Cabinet Shelf Divider 30 & 45G	30/45 Gal	6x3x36	WASD3045	
	Safety Cabinet Shelf Divider 60G	60 Gal	6x3x76.7	WASD0060	
	Safety Cabinet Shelf Divider 90G	90 Gal	6x3x76.7	WASD0090	