



## Short Description

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- Fits under chemical fume hoods, benches, and counters in lab settings
- Exterior dimensions of 35.75 in H x 36 in W x 21.625 in D (908 mm H x 914 mm W x 549 mm D)
- 4-in (102-mm) toe kick improves lab ergonomics and helps prevent spillage and accidents
- Stores 23 gal (87 L) of flammable liquids
- Complies with OSHA, NFPA 30, NFPA 1 and IFC
- Fire tested and FM-approved

## Description

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Keeping bottles of chemicals in a fume hood is a safety risk. The Justrite Sure-Grip® EX Under Fume Hood Safety Cabinet with Self Close Doors (model 883627) is designed for the safe and code-compliant storage and venting of solvents and flammable liquids in laboratory environments within colleges, universities, pharmaceutical R&D settings, and more.

The light neutral cabinet can store 23 gal (87 L) of flammable liquids and fits under chemical fume hoods, benches, and counters. It features an ergonomic design with a 4-in high by 3-in deep (102-mm high by 77-mm deep) toe kick, which makes it easier for chemical handlers to maintain an appropriate distance. Its exterior dimensions are 35.75 in H x 36 in W x 21.625 in D (908 mm H x 914 mm W x 549 mm D); its 35.75-in (908-mm) height includes leg levelers installed and extended 5/8-in (15.9-mm).

This model is constructed with a sturdy 18-gauge (1-mm) thick steel double-wall, with 1.5 in (38 mm) of insulating air space for fire resistance. The fully welded, not riveted, construction holds the squareness of the unit for a longer life and offers greater protection in a fire since air gaps are reduced.

High-performance, self-closing doors open to 140 degrees. A patented, concealed self-close mechanism provides obstruction-free access to shelf space. Continuous piano hinges ensure the doors close smoothly every time.

When used properly as designed, safety cabinets with self-closing doors shut automatically in case of a fire. The self-closing doors, under tension, are held open by using fusible links. Under fire conditions, when the ambient temperature reaches 165 F (74 C), the links melt and the safety cabinet's self-closing doors automatically swing shut. The self-latching system engages with three stainless steel bullet-slams located at the top, bottom, and center locations of the door. For replacement fusible links, order model 29988.

For added security, each cabinet comes with an innovative U-Loc™ handle that does not require manual rotation to engage the mandatory latch. Cabinets include a cylinder lock and key set, or you can choose to use your own padlock. Haz-Alert™ reflective warning labels that read "FLAMMABLE – KEEP FIRE AWAY" are highly visible under fire conditions or during power outages when illuminated with a flashlight.

Model 883627 features one patented, galvanized steel SpillSlope® shelf designed to direct spills to the back and bottom into a 2-in (51-mm) leak-tested sump that meets EPA requirements. Adjustable on 3-in (76-mm) centers, all SpillSlope shelves meet ANSI MH28.1 standards with a 350-lb (159-kg) safe allowable load. Welded shelf hangers interlock with the shelf to offer maximum stability with no flimsy brackets to lose. For

replacement shelves, use model 29949.

The cabinet also features back wall vents with built-in flame arresters and a grounding connector to electrically bond directly to the chemical fume hood. Its durable lead-free epoxy/polyester powder-coat finish provides excellent chemical resistance inside and out, as well as minimizes the effects of corrosion and humidity.

Justrite supplies more than 300 safety cabinet models ranging from 4- to 115-gal (15- to 435-L), to meet a versatile range of safety, compliance, and storage requirements. Our line of under fume hood flammable cabinets are available in four widths ranging from 24 in (610 mm) to 48 in (1219 mm). Single-door cabinets are offered in either left or right-hinge options for easy operation.

All Justrite cabinets carry a 10-year warranty. Model 883627 is tested and approved by FM Approvals. It complies with OSHA, NFPA 30, NFPA 1, and IFC requirements.

## **Safety Considerations for Under Fume Hood Cabinets**

The requirements for handling and storing chemicals are complex and depend on how flammable the liquid is. There is no room for error, so it is critical to choose a safety cabinet that has been independently tested to meet the standards of your industry and local jurisdictions. Justrite flammable cabinets are best in class and are trusted within a wide range of industrial settings across the world, including laboratories, manufacturing, oil refineries, chemical processing plants, and more.

For more information, please consult our workplace safety article, about the [requirements for flammable liquid storage](#).

## Specifications

|                                       |                              |
|---------------------------------------|------------------------------|
| Model No                              | 883627                       |
| UPC                                   | 697841129863                 |
| International Model No.               | 883627                       |
| Color                                 | Light Neutral                |
| Pallet Quantity                       | 1                            |
| Material Specifications               | 18-Gauge Steel               |
| FM Approval                           | Yes                          |
| OSHA Compliance                       | Yes                          |
| Complies with International Fire Code | Yes                          |
| Complies with NFPA Code 30            | Yes                          |
| Complies with NFPA 1 Fire-Code        | Yes                          |
| Capacity                              | 23 gallon                    |
| Liter Capacity                        | 87                           |
| Number of Doors                       | 2                            |
| Door Type                             | Self-close                   |
| Number of Shelves                     | 1                            |
| Adjustable Shelves                    | Yes                          |
| Dimensions, Exterior                  | 35.75" H x 36" W x 21.625" D |
|                                       | 908mm H x 914mm W x 549mm D  |
| Dimensions, Interior                  | 26.5" H x 32.8" W x 18.3" D  |
|                                       | 674mm H x 832mm W x 466mm D  |
| Height (Inches)                       | 35.75                        |
| Width (Inches)                        | 36                           |
| Depth                                 | 21.625                       |
| Net Weight, lbs                       | 167.0                        |
| Net Weight, kg                        | 75.8                         |