

Article Overview

Display cabinets should comply with UL 970 safety standards while following regular cleaning and inspection routines to maintain functionality, safety, and visual appeal.

Regulatory Standards

UL 970 is the primary standard for retail fixtures and merchandise displays, combining requirements from UL 65 (Wired Cabinets) and UL 962 (Household and Commercial Furnishings) into a single, streamlined standard . Key points include:

- o Scope: Covers non-refrigerated and heated commercial displays, showcases, shelving units, kiosks, POS systems, motorized displays, wall systems, and temporary displays .
- o Electrical Safety: Applies to products rated 600 V AC or less, including battery-powered units, and ensures compliance with the National Electrical Code (ANSI/NFPA 70) .
- o Mechanical Requirements: Includes structural integrity tests specific to display type and usage, ensuring cabinets can safely support merchandise and withstand daily retail operations .
- o Temporary Displays: UL 970 part 3 allows certification for temporary units with less restrictive requirements, facilitating safe short-term installations . Compliance with UL 970 ensures that display cabinets meet industry-recognized safety and durability standards, reducing risks of electrical hazards, structural failure, or injury.

Practical Maintenance Guidelines

Maintaining display cabinets involves daily, weekly, and periodic routines to preserve both safety and aesthetics :

- o Daily Cleaning:
 - o Dust surfaces using a microfiber cloth to prevent scratches.
 - o Clean glass with ammonia-free glass cleaners and acrylic with specialized cleaners to avoid damage.
 - o Wipe metal or wood surfaces with a damp cloth and mild soap; stainless steel may require a dedicated polish.
- o Weekly Deep Cleaning:
 - o Remove all items and dust hidden corners with a soft-bristle brush.
 - o Vacuum intricate edges and joints to remove accumulated debris.
 - o Inspect for scratches, loose parts, or minor damages and repair promptly.



Standard Maintenance Standards for Display Cabinets

- o Periodic Inspection:
 - o Check electrical components for wear or exposed wiring.
 - o Ensure hinges, locks, and sliding mechanisms operate smoothly.
 - o Rotate stock to prevent uneven wear and maintain visual appeal.
- o Material-Specific Care:
 - o Glass: Avoid paper towels; use circular wiping motions.
 - o Acrylic: Use only acrylic-safe cleaners to prevent clouding.
 - o Metal: Use natural solutions like vinegar-water or specialized metal polish.

Summary

To ensure safety, longevity, and visual appeal, display cabinets should adhere to UL 970 standards for structural and electrical safety while implementing regular cleaning, inspection, and maintenance routines tailored to the materials used. Combining compliance with proactive upkeep minimizes hazards, extends cabinet life, and enhances the retail environment.

Performance Certification of Refrigerated Display Cabinets (RDC) The European Union is currently implementing some directives on

Biosafety cabinets (BSCs) are essential for protecting the safety of lab personnel, the environment, and samples when working with

ANSI/KCMA A161.1 - This standard by the American National Standards Institute and Kitchen Cabinet Manufacturers Association

Learn how to inspect and clean your PLC cabinet with six easy steps. Find out how often you should do it based on your process and

UL 970 requirements cover nonrefrigerated or heated commercial displays and other case goods used in retail establishment,

This 6-month planned preventive maintenance checklist is designed for retail display cabinets, covering critical refrigeration and

UL 970 Retail Fixtures and Merchandise Displays Standard Reference Guide UL Standards have served as the industry benchmark



Standard Maintenance Standards for Display Cabinets

Display Cabinets Product Care & Maintenance ensure many years of satisfactory service. To assure long life and beauty, products

Control Cabinet: Safety first Complex in design and essential for smooth operation in

This checklist takes the form of questions which specifiers may need to consider in the process of compiling a display case

Maintain your store display cabinets with expert tips on cleaning, repairs, and organization. Enhance aesthetics and

This document specifies requirements for the performance of refrigerated display cabinets used in the sale and display of foodstuffs

Commercial Displays UL 65 -- Wired Cabinets Product covered: showcases Summary Displays normally less than 36" in height and

Learn how to maintain your exhibition equipment with our comprehensive guide. Discover essential tips for

Standards and Guidelines for Endoscope Drying and Storage Following up-to-date endoscope storage cabinet

The result is the creation of UL 970, the Standard for Retail Fixtures and Merchandise Displays, which was published in 2020 and

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