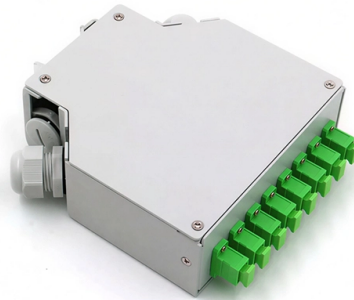


Technical Requirements for Display Cabinets



Article Overview

Display cabinets must comply with standards covering safety, energy efficiency, materials, electrical integrity, and security, including UL 970, ISO 23953-2, and relevant glazing standards.

Safety and Electrical Standards

For retail and commercial display cabinets, UL 970 is the primary standard in the United States. It consolidates requirements from UL 65 (Wired Cabinets) and UL 962 (Household and Commercial Furnishings) into a single framework, covering electrified and non-electrified displays, including shelving units, kiosks, showcases, and temporary displays. UL 970 ensures compliance with the National Electrical Code (ANSI/NFPA 70) and applies to products rated up to 600 V AC, suitable for dry, damp, or wet locations. It also provides guidelines for alternate construction, limited production, and retrofit kits, streamlining certification for manufacturers and buyers .

Refrigeration and Energy Efficiency

For refrigerated display cabinets, ISO 23953-2:2023 sets international standards for performance, energy consumption, and safety. It specifies testing methods, refrigerant types, and operational limits for commercial refrigeration systems. Modern condensers, including copper-tube/aluminum-fin and aluminum microchannel designs, must meet energy efficiency requirements, minimize refrigerant charge, and comply with environmental regulations such as the EU F-Gas regulation and DOE en...

Article Content

Retail Fixtures and Commercial Displays

Commercial displays, shelving and other merchandising fixtures work hard in high-traffic environments. Our evaluations help you

Security in museums and galleries: a specifiers' guide for display cases

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

UL 970 Retail Fixtures and Merchandise Displays Standard

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

Cabinet design and EMC

To ensure that the cabinet unit functions satisfactorily in the system, the environment subject to interference must not be neglected.

BS EN ISO 23953:2023

We wrote about the new version of BS EN ISO 23953:2023 (the test standard used to test supermarket display cabinets) a few

ISO 23953-2:2023

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

Ultimate Display Cabinets Buying Guide | LuxeDecor

Find the perfect display cabinet with LuxeDecor's buying guide. Explore top brands, materials, storage options, lighting, and

Performance Certification of Refrigerated Display Cabinets (RDC)

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

Retail Fixtures and Merchandise Displays Reference Guide

Learn how UL 970, the Standard for Safety of Retail Fixtures and Merchandise Displays, provides a streamlined Standard with

ISO 23953-2:2023 (en), Refrigerated display cabinets — Part 2 ...

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

ISO 23953-2:2015 (en), Refrigerated display cabinets — Part 2 ...

1 Scope This part of ISO 23953 specifies requirements for the construction, characteristics and performance of refrigerated display

Refrigerated display cabinet | Eurovent Certita Certification

A refrigerated display cabinet is a cabinet cooled by a refrigerating system which enables to display therein chilled and frozen

Microsoft Word

Product Options: Drawings indicate size, profiles, and dimensional requirements of visual display boards and are based on the

Retail Fixtures and Commercial Displays

By combining requirements historically found in UL 65 – the Standard for Wired Cabinets – and UL 962 – the Standard for Household

ISO 23953-2:2015

ISO 23953-2:2015 specifies requirements for the construction, characteristics and performance of refrigerated display cabinets used

Retail Fixtures and Merchandise Displays Reference Guide

UL 970, the Standard for Safety of Retail Fixtures and Merchandise Displays, combines UL 65 and UL 962 into a streamlined

Wired_Cabinets_Retail_Store_Displays FINAL

Wired Cabinets and Commercial Retail Store Displays – What's the Difference? Part 1 – Wired Cabinets By Bruce Bohren / Primary

272. Display Cabinets Cad Blocks free download

272. Display Cabinets Cad Blocks free download Display cabinets are cabinets or shelves designed for displaying and showcasing

UL 970 Retail Fixtures and Merchandise Displays Standard

Following proposals by stakeholders, Underwriters Laboratories, our nonprofit affiliate, and its Standards Technical Panels worked to

Contact Us

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