

STANDARD INFORMATION

Standard Number: UL 471

Standard Name: Commercial Refrigerators and Freezers

Standard Edition and Issue Date: 10th Edition Dated November 24, 2010

Date of Revision: November 8, 2018

Date of Previous Revision of Standard: December 8, 2016

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **July 1, 2020**

IMPACT, OVERVIEW, AND ACTION REQUIRED

Impact Statement: A review of all Listing Reports is necessary to determine which products comply with new/revised requirements and which products will require re-evaluation. **NOTE:** Effective immediately, this revised standard will be exclusively used for evaluation of new products unless the Applicant requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revised requirements.

Overview of Changes: Test requirement revision for refrigerant leakage test for built-in Products. Specific details of new/revised requirements are found in table below.

If the applicable requirements noted in the table are not described in your report(s), these requirements will need to be confirmed as met and added to your report(s) such as markings, instructions, test results, etc. (as required).

Client Action:

Information – To assist our Engineer with review of your Listing Reports, please submit technical information in response to the new/revised paragraphs noted in the attached or explain why these new/revised requirements do not apply to your product (s).

Current Listings Not Active? – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.



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CLAUSE	VERDICT	COMMENT
<i>Additions to existing requirements are <u>underlined</u> and deletions are shown lined out below.</i>		
Supplement SB	Info	Requirements for Refrigerators and Freezers Employing A Flammable Refrigerant in the Refrigerating System
SB5	Info	Performance
SB5.1	Info	Leakage test
SB5.1.1	Info	General
<i>New clause added;</i>		
SB5.1.1.2		The refrigerator is to be installed in accordance with the manufacturer’s instructions; see 44.5. Built-in appliances that are intended to be installed in custom installations (such as custom food equipment) shall be installed in a test enclosure fabricated in accordance with the manufacturer’s instructions.
SB5.1.4	Info	Leakage outside food storage area
<i>New clause added;</i>		
SB5.1.4.6.1		For built-in appliances where there are potential flammable refrigerant ignition sources from equipment that may be installed adjacent to the built-in appliance, the concentration of leaked refrigerant shall also be measured where these potential ignition sources may be located. Examples of such ignition sources are power switches, light switches, GFCIs, and gas igniters, See also SB5.1.1.2.
CUSTOMERS PLEASE NOTE: This Table and column “Verdict” can be used in determining how your current or future production is or will be in compliance with new/revised requirements.		