



**International  
Standard**

**ISO 22042**

**Blast chiller and freezer cabinets for  
professional use — Classification,  
requirements and test conditions**

**AMENDMENT 1**

*Cellules de refroidissement et de surgélation rapide pour usage  
professionnel — Classification, exigences et conditions d'essai*

*AMENDEMENT 1*

**First edition  
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This document was prepared by Technical Committee ISO/TC 86, *Refrigeration and air-conditioning*, Subcommittee SC 7, *Testing and rating of commercial refrigerated display cabinets*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 44, *Commercial and professional refrigerating appliances and systems, performance and energy consumption*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

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# Blast chiller and freezer cabinets for professional use — Classification, requirements and test conditions

## AMENDMENT 1

### Clause 3

Add the following entry:

#### **3.10 test load**

sum of the test food, in kg, used in all pans, during performance tests

### 4.1

In the title, delete "and time".

In the first paragraph, delete "within a test time of 120 min".

In the second paragraph, delete "within a test time of 270 min".

### 4.3

Add the following new subclause after 4.2, before Clause 5:

#### **4.3 Reference time of test food**

Blast chillers shall bring the test food from the initial reference temperature to the final temperature within a test time of 120 min.

Blast freezers shall bring the test food from the initial reference temperature to the final temperature within a test time of 270 min.

### 5.6.4

In the tenth paragraph, replace "until" with "until".

Add the two following sentences at the end of the subclause:

The test load used for the chilling cycle shall not deviate more than 3 % from the full load capacity.

The test load used for the freezing cycle shall not deviate more than 3 % from the full load capacity.

### 5.7

Replace the first paragraph with the following:

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The test room temperature and the M-pan temperatures shall be recorded at a rate of measurement of not less frequently than every 5 min.

*Clause 6, last two paragraphs*

Replace the last two paragraphs with the following:

The full load capacity shall be considered for the calculation of the energy consumption.

*Clause 7*

Replace the title with: "Information report".

In the first sentence, delete "to be declared".

In the title of Table 2, delete "to be declared".

*Bibliography*

Delete the bibliography.

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