



*NSF International Standard /
American National Standard*

NSF/ANSI 37 - 2012

**Air Curtain for Entrancesways for
Food and Food Service
Establishments**



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NSF International Standard/
American National Standard
for Food Equipment –

**Air curtains for entranceways in food
and food service establishments**

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Foreword²

The purpose of this Standard is to establish minimum public health and sanitation requirements for the materials, design, construction, and performance of air curtains for entranceways in food and food service establishments.

This Standard uses inch-pound units as the primary units with equivalent decimal and SI (metric) conversions provided in parentheses. The Joint Committee carried a motion that this convention be adopted in future revisions to this Standard.

Issue 5

This revision updated the Normative References and boilerplate language in: 1.4 Measurement.

This Standard was developed by the NSF Joint Committee on Food Equipment using the consensus process described by the American National Standards Institute.

Suggestions for improvement of this Standard are welcome. Comments should be sent to Chair, Joint Committee on Food Equipment at standards@nsf.org, or c/o NSF International, Standards Department, P.O. Box 130140, Ann Arbor, Michigan, 48113-0140, USA.

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NSF/ANSI International Standard for Food Equipment —

Air curtains for entranceways in food and food service establishments

1 General

1.1 Purpose

This Standard establishes minimum sanitation and performance requirements for the materials, design, construction, and performance of air curtains and their related components.

1.2 Scope

Equipment covered by this Standard includes, but is not limited to, air curtains for entranceways in food and food service establishments (e.g., service and customer entries, service windows, cooler and cold storage entries). Housing, air moving equipment, air directional regulating devices, and other appurtenances to the air curtain are included.

This Standard does not establish equipment installation requirements. While the requirements of this Standard are intended to ensure that equipment may be installed in a sanitary manner, proper installation of equipment shall be governed by the applicable codes.

Equipment components and materials covered under other NSF or NSF/ANSI Standards or Criteria shall also comply with the requirements therein. This Standard is not intended to restrict new unit design, provided that such design meets the minimum specifications described herein.

1.3 Alternative materials, design, and construction

While specific materials, design, and construction may be stipulated in this Standard, equipment that incorporates alternate materials, design, or construction may be acceptable when such equipment meets the applicable requirements herein.

1.4 Measurement

Decimal and SI conversions provided parenthetically shall be considered equivalent. Metric conversions and significant figure rounding have been made according to IEEE/ASTM SI 10.

2 Normative references

The following documents contain provisions that, through reference, constitute provisions of this NSF/ANSI Standard. At the time this Standard was balloted, the editions listed below were valid. All documents are subject to revision, and parties are encouraged to investigate the possibility of applying the recent editions of the documents indicated below. The most recent published edition of the document shall be used for undated references.