



# ADDENDA

**ANSI/ASHRAE Addendum f to  
ANSI/ASHRAE Standard 154-2016**

# Ventilation for Commercial Cooking Operations

Approved by ASHRAE and the American National Standards Institute on June 30, 2020.

This addendum was approved by a Standing Standard Project Committee (SSPC) for which the Standards Committee has established a documented program for regular publication of addenda or revisions, including procedures for timely, documented, consensus action on requests for change to any part of the standard. Instructions for how to submit a change can be found on the ASHRAE® website (<https://www.ashrae.org/continuous-maintenance>).

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## FOREWORD

*Section 4.2.3 references Type I hoods through Table 3, but Table 3 does not mention Type I hoods. Addendum f modifies the standard to correct this oversight.*

**Note:** In this addendum, changes to the current standard are indicated in the text by underlining (for additions) and ~~strike through~~ (for deletions) unless the instructions specifically mention some other means of indicating the changes.

### Addendum f to Standard 154-2016

**4.2.3** A Type I hood shall be provided where a cooking operation within a commercial or institutional food service facility produces smoke or grease-laden vapors. Appliances that produce greater than  $3.1 \times 10^{-7}$  lb/ft<sup>3</sup> (5 mg/m<sup>3</sup>) of grease (when measured at 500 cfm or [236 L/s] exhaust airflow) shall require a Type I hood. ~~Type I hoods shall be installed in accordance with the overhangs shown in Table 3.~~

#### Exceptions to 4.2.3:

1. Cooking appliances not used for commercial purposes and installed within dwelling units.
2. Appliances listed in ~~Table 2~~ Table 1 that produce less than  $3.1 \times 10^{-7}$  lb/ft<sup>3</sup> (5 mg/m<sup>3</sup>) of grease (when measured at 500 cfm [236 L/s] exhaust airflow).

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ASHRAE is concerned with the impact of its members' activities on both the indoor and outdoor environment. ASHRAE's members will strive to minimize any possible deleterious effect on the indoor and outdoor environment of the systems and components in their responsibility while maximizing the beneficial effects these systems provide, consistent with accepted Standards and the practical state of the art.

ASHRAE's short-range goal is to ensure that the systems and components within its scope do not impact the indoor and outdoor environment to a greater extent than specified by the Standards and Guidelines as established by itself and other responsible bodies.

As an ongoing goal, ASHRAE will, through its Standards Committee and extensive Technical Committee structure, continue to generate up-to-date Standards and Guidelines where appropriate and adopt, recommend, and promote those new and revised Standards developed by other responsible organizations.

Through its *Handbook*, appropriate chapters will contain up-to-date Standards and design considerations as the material is systematically revised.

ASHRAE will take the lead with respect to dissemination of environmental information of its primary interest and will seek out and disseminate information from other responsible organizations that is pertinent, as guides to updating Standards and Guidelines.

The effects of the design and selection of equipment and systems will be considered within the scope of the system's intended use and expected misuse. The disposal of hazardous materials, if any, will also be considered.

ASHRAE's primary concern for environmental impact will be at the site where equipment within ASHRAE's scope operates. However, energy source selection and the possible environmental impact due to the energy source and energy transportation will be considered where possible. Recommendations concerning energy source selection should be made by its members.

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As an industry leader in research, standards writing, publishing, certification, and continuing education, ASHRAE and its members are dedicated to promoting a healthy and sustainable built environment for all, through strategic partnerships with organizations in the HVAC&R community and across related industries.

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