

Public Review Draft

Proposed Addendum bn to Standard 189.1-2017

Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings

First Public Review (March 2020)
(Draft Shows Proposed Changes to Current Standard)

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Foreword

This addendum adds a requirement that air cleaning devices not emit ozone. Standard 62.1 added a requirement with the same intent in 2019, but this addendum provides improved wording.

[Note to Reviewers: This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the current standard are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.]

Addendum bn to 189.1-2017

Add a new item d. to Section 8.3.1.3 as follows:

d. Ozone Emissions. The requirements in this section supersede the requirements in ASHRAE Standard 62.1, Sections 5.7.1 and 5.7.2. Air cleaning devices with electronic filter elements shall be listed and labeled in accordance with UL 2998. Ultraviolet generating devices in supply air devices, ducts and plenums shall not emit 185 nm wavelengths.

Add the following reference to Section 11, under the Underwriters Laboratories Inc. heading

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|-----------------------|---|----------------|
| <u>UL 2998 (2019)</u> | <u>Environmental Claim Validation Procedure (ECVP) for Zero Ozone Emissions from Air Cleaners</u> | <u>8.3.1.3</u> |
|-----------------------|---|----------------|