

NFPA®

90A

Standard for
the Installation of
Air-Conditioning and
Ventilating Systems

2021



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NFPA® 90A

Standard for the

Installation of Air-Conditioning and Ventilating Systems

2021 Edition

This edition of NFPA 90A, *Standard for the Installation of Air-Conditioning and Ventilating Systems*, was prepared by the Technical Committee on Air Conditioning. It was issued by the Standards Council on June 1, 2020, with an effective date of June 21, 2020, and supersedes all previous editions.

This edition of NFPA 90A was approved as an American National Standard on June 21, 2020.

Origin and Development of NFPA 90A

This standard dates from 1899, when committee attention was first given to blower and exhaust systems. Prior to 1936, the subject of air-conditioning was covered in NFPA standards on blower systems. In 1937, it was decided to prepare a separate standard on air-conditioning, warm air heating, and ventilating systems. This standard was initially adopted in 1937 with subsequent amendments in 1938, 1939, 1940, 1942, 1950, 1952, 1955, 1956, 1960, 1961, 1963, 1964, 1965, 1968, 1971, 1973, 1976, 1980, 1984, and 1989. The 1993 and 1996 editions were reconfirmations of the 1989 edition. The 1999 edition contained changes that were mainly editorial in nature.

The 2002 edition incorporated format changes to comply with the *Manual of Style for NFPA Technical Committee Documents* and new provisions for the removal of accessible abandoned materials in concealed spaces and plenums.

The only changes to the 2006 edition were to update “flame spread rating” to “flame spread index.”

The major change in the 2009 edition was to replace the references to NFPA 255 with ANSI/UL 723 and ASTM E84, because NFPA 255 was withdrawn. All three test standards were quite similar.

The changes in the 2012 edition were edition updates of the referenced standards.

For the 2015 edition, the changes were primarily editorial alterations, reference updates, and clarifications of existing language. Also, a section and test method for air dispersion systems was added.

For the 2018 edition, the changes were primarily editorial alterations, reference updates, clarifications of existing language, and corrections for changes of terminology. Also, an option for testing flame spread of plastic pipe for use in plenums was added.

For the 2021 edition, the changes were primarily editorial alterations, reference updates, and updates to existing language. In the referenced publications, all UL publications have been updated to remove the term *ANSI* for clarification.