

Ventilation standards/regulations in the US

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ABSTRACT

The key ventilation standards in the US are promulgated by ASHRAE (the American Society of Heating Refrigerating and Air-conditioning Engineers). ASHRAE has separate standards for residences (Standard 62.2), and those for other applications (Standards 62.1). This workshop will summarize these two standards and compare their requirements for air flow, system design (e.g., sound requirements), and other ventilation-related requirements. It will also discuss how these standards are used in regulation and how some regulations differ from the current standards and how these regulations change in different parts of the country. It will also discuss some recent changes and updates to the standards and potential future developments, e.g., considerations for air cleaning and filtration (particularly for outdoor air).

KEYWORDS

Ventilation, Indoor Air Quality, minimum air flows, ventilation standards, ventilation in regulation