

# Maintaining ASHRAE Standard 62.2 *Ventilation and Acceptable Indoor Air Quality for Low-Rise Residential Buildings*

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Session VENT3 ASHRAE Standard 62.2 Update



# INTRODUCTION

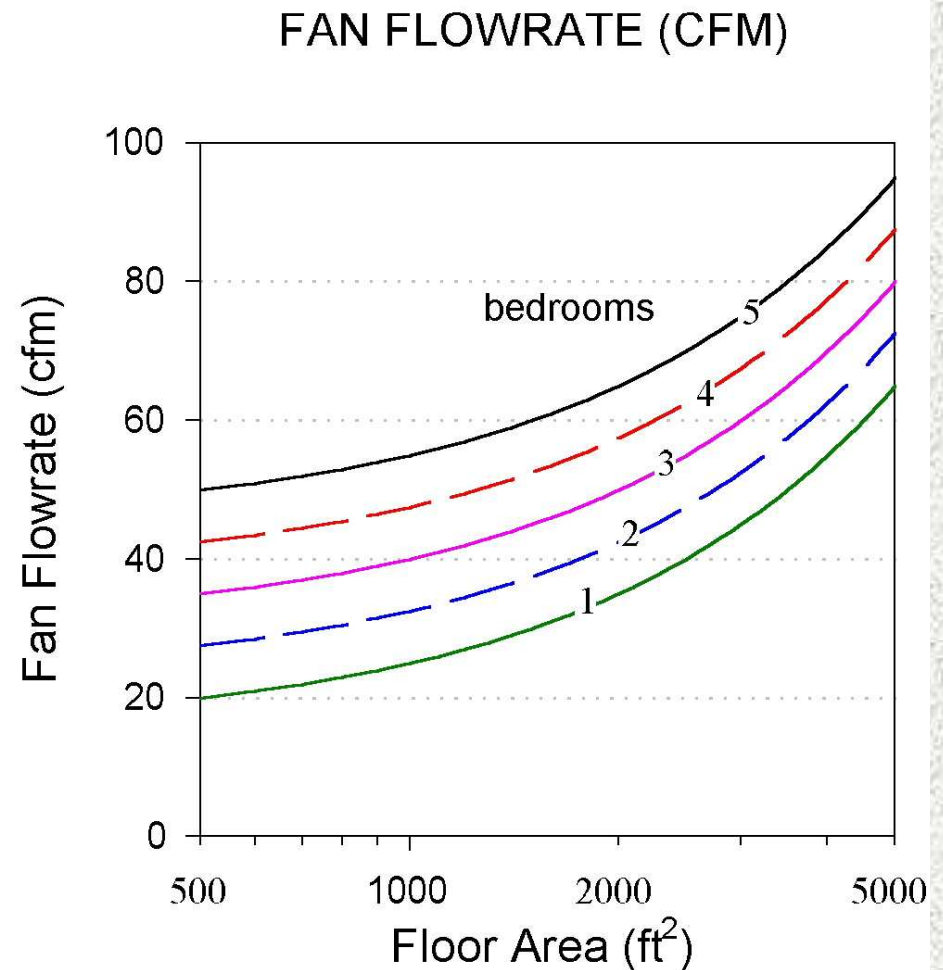
- **ANSI/ASHRAE Standard 62.2-2007** is the U.S. standard that defines the **roles** of and **minimum requirements** for mechanical and natural **ventilation systems** and the **building envelope** intended to **provide acceptable indoor air quality** in low-rise residential buildings.
- It applies to single-family houses and multi-family structures of three stories or fewer.

# Standard 62.2-2007 requires:

- Whole Building Ventilation
  - Mechanical system meeting Section 4
- Local Exhaust
  - Fans in Kitchens and Baths
- Limited Source Control
- Air-Moving Equipment
  - Sound and other requirements

# MECHANICAL VENTILATION REQUIREMENT

- Limited Exceptions
- Control System
- Intermittent Operation Permitted
- Climate-Based Restrictions
- Includes a Default Infiltration Credit (2 cfm/100 sq. ft.)



2 cfm = 1 l/s

10 ft<sup>2</sup> = 1 m<sup>2</sup>

# Continuous Maintenance

- Maintained by ASHRAE Standing Standard Project Committee (SSPC) 62.2
- Changes may be proposed by the SSPC or public
- Standard is published every 3 years
  - Approved addenda are published at 18 months
- Must meet ANSI due process requirements for the development of consensus
  - Openness, committee balance, public comment, etc.

# Getting Involved

## ■ Stay informed

- Sign up for ASHRAE Standards Actions or SSPC 62.2 list servers at <http://www.ashrae.org/publications/detail/16150>

## ■ Attend a meeting

- SSPC 62.2 meets at every ASHRAE Annual and Summer Meeting
- Next meeting is in Salt Lake City on June 20th and 21<sup>st</sup>.
- Envelope, IAQ and Systems Subcommittees meet Friday

# Getting Involved

- **Submit a change proposal**
  - Include specific proposed change
  - Provide reason and substantiation
  - Form and other information available at <http://www.ashrae.org/technology/page/812>
  - Information is also printed on cover of standard
- **Committee must act within 13 months to:**
  - Accept for public review (can modify)
  - Reject
  - Accept for further study (complete in 7 months)

# Getting Involved

- **Comment on a proposed addendum**
  - All changes go through public review process
  - Proposed addenda are posted and comments are submitted at  
<http://www.ashrae.org/technology/page/331>
  - Committee will accept or reject comment
  - Opportunity to reply with additional information
  - No 62.2 addenda in review currently

# Getting Involved

## ■ **Join the committee**

- Committee voting member or Subcommittee voting member options  
Also, organizational members
- Chair must consider balance and other issues
- Forms and procedures available at  
<http://www.ashrae.org/technology/page/97>
- Next deadline for applications is April 14, 2008