

**INTERPRETATION IC 62.1-2013-7 OF
ANSI/ASHRAE STANDARD 62.1-2013
VENTILATION FOR ACCEPTABLE INDOOR AIR QUALITY**

Approved: June 24, 2021

Request from: Pedro Quintela, Miami-Dade County RER, 11805 SW 26th Street, Miami, FL 33175.

Reference: This request for interpretation refers to the requirements presented in ANSI/ASHRAE Standard 62.1-2013, Section 6.4, regarding the natural ventilation procedure.

Background: As an authority having jurisdiction in the Miami-Dade County area I have come across construction documents for mechanically heated and cooled dwelling units of multifamily buildings greater than 3 stories where operable windows are indicated as the only method of ventilation to comply with outdoor air requirements.

Interpretation No.1: Openable windows without a mechanical ventilation system do not comply with Section 6.4 where the zone or space is served by heating or cooling equipment.

Question No.1: Is this interpretation correct?

Answer No.1: Yes

Interpretation No.2: A mechanical ventilation system is also required subject to the exceptions to Section 6.4.1.

Question No.2: Is this interpretation correct?

Answer No.2: Yes

Comments: Section 6.4 requires a mechanical ventilation system to be installed in addition to having natural ventilation openings that comply with the section. The mechanical ventilation is expected to be used to provide ventilation during periods when the natural ventilation openings are closed for any reason such as extreme outdoor temperatures, excess outdoor noise or security concerns.

Note that exceptions to Section 6.4.1 allow the mechanical ventilation system to be omitted if the natural ventilation openings are permanently open or have controls that prevent them from being closed during periods of occupancy or if the zone does not have heating or cooling.