

**INTERPRETATION IC 62.1-2007-20 OF
ANSI/ASHRAE STANDARD 62.1-2007
VENTILATION FOR ACCEPTABLE INDOOR AIR QUALITY**

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Request from: Cynthia Cogil (cynthys.cogil@smithgroup.com), Smith Group, 1850 K Street, NW, Suite 250, Washington, DC 20006.

Reference: This request for interpretation refers to the requirements presented in ANSI/ASHRAE Standard 62.1-2007, Section 6.2 and Table 6-1, regarding ventilation requirements for Hotels, Motels, Resorts, and Dormitories.

Background: How is one to interpret the occupancy category “Bedroom/living room” under Hotels, Motels, Resorts, and Dormitories? For example, if my dormitory comprises apartments with separate living and bedrooms, does ventilation need to be supplied directly to each living and bedroom or is it the intent of Standard 62.1 that it be supplied directly to the apartment containing any combination of bedrooms/living rooms? In our case, the former interpretation would result in multiple supply air outlets with almost immeasurable airflow quantities, whereas the latter could result in only one supply air outlet.

Interpretation: It is my interpretation that ventilation air shall be supplied directly to the apartment, in one location, based on the total occupants and the combined bedroom/living area per Table 6-1.

Question: Is this interpretation correct?

Answer: No

Comments: The occupancy category “Bedroom/living room” applies to a single-room configuration. The design must be such that the outdoor air (V_{bz}) will be supplied or distributed to the breathing zone in the occupiable space or spaces within a ventilation zone (see Section 6.2.2.1).