

**Interpretation IC 170-2021-8 of
ANSI/ASHRAE/ASHE Standard 170-2021
Ventilation of Health Care Facilities**

Date Approved: April 22, 2025

Request from: Scott Mueller, Shepley Bulfinch, 99 Chauncey Street, 4th Floor, Boston MA 02111.

Reference: This request for interpretation refers to the requirements in ANSI/ASHRAE/ASHE Standard 170-2021, Section 7.4.1b, regarding ORs and Class 3 Imaging Rooms supply diffuser array.

Background: Seeking clarification on the requirement for the supply diffuser array in a class 3 imaging room / hybrid operating room where the surgical table rotates 90 degrees during some procedures.

When the surgical table rotates up to 90 degrees from its primary position and in degree increments between the primary position and 90 degrees, how does ANSI/ASHRAE/ASHE Standard 170 interpret the 12” requirement? Does the requirement apply to all possible table positions, or just the primary surgical table position? My interpretation is that the requirement applies to the table in its primary position, not all possible positions.

Interpretation: When the surgical table rotates up to 90 degrees from its primary position and in degree increments between the primary position and 90 degrees, the 12-inch requirement in Section 7.4.1b applies to the table in its primary position, not all possible positions.

Question: Is this interpretation correct?

Answer: Yes

Comments: The position(footprint) for a surgical table defined during the design is used to determine the coverage area of the primary supply diffuser array.