

**Interpretation IC 170-2021-4 of  
ANSI/ASHRAE/ASHE Standard 170-2021  
Ventilation of Health Care Facilities**

Date Approved: February 6, 2023

**Request from:** Dan Nesman, I.C. Thomasson Associates, Inc., 3031 N. Rocky Point Drive W., Suite 750, Tampa, Florida 33607.

**Reference:** This request for interpretation refers to the requirements in ANSI/ASHRAE/ASHE Standard 170-2021, Sections 7 and 8; Tables 6-2, 7-1 and 8-1; and Addendum d, regarding Class 2 imaging rooms.

**Background:** Addendum d defines cardiac catheterization as a “procedure” to be included as a Class 2 imaging room. Table 6-2 indicates non-aspirating supply diffusers for procedure rooms within the primary diffuser array. There is no mention of a requirement for low returns. Note also that it is nearly impossible to orient diffusers within the primary diffuser array due to structural conflicts with Cath equipment supports and manufacturers do not want diffusers located over the bed since it may cool their equipment.

**Interpretation No.1:** A cardiac catheterization room is considered a procedure room requiring non-aspirating diffusers.

**Question No.1:** Is this interpretation correct?

**Answer No.1:** No

**Comments No.1:** Class 2 imaging rooms do not require non aspirating diffusers refer to ASHRAE/ASHE Std 170-2021 Addendum g.

**Interpretation No.2:** Low returns are not required for Class 2 imaging rooms such as cardiac catheterization.

**Question No.2:** Is this interpretation correct?

**Answer No.2:** Yes

**Comments No.2:** Refer to ASHRAE/ASHE Std 170-2021 Addendum g.

**Interpretation No.3:** Supply diffusers shall be located as close to the bed as possible in coordination with structural supports.

**Question No.3:** Is this interpretation correct?

**Answer No.3:** No

**Comments No.3:** While good engineering practice dictates placement of supply diffusers close to the bed, it is not required by the standard for class 2 imaging rooms.