

**Interpretation IC 72-2005-2 of
ANSI/ASHRAE Standard 72-2005
Method of Testing Commercial Refrigerators and Freezers**

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Reference: This request for interpretation refers to the requirements in ANSI/ASHRAE Standard 72-2005, Sections 8.1 and 9.2.3, regarding the calculations and the recording of data for self-contained refrigerators and freezers.

Background: Section 7 describes the test procedure that must be followed, and applies to both the remote refrigerators and self-contained units. Section 8 describes calculations required for remote refrigerators and does not apply to self-contained units. Section 9 describes data to be recorded in both self-contained and remote units. Other than recording the items in Section 9.2.3 there are no requirements for compliance with the standard.

Interpretation No. 1: Without Q_{rt} (Btu/h) calculations and without knowing total mass flow, it is OK to simply record the readings in Section 9.2.3 without knowing if they are wrong or right.

Question No. 1: Is this interpretation correct?

Answer No. 1: Yes.

Comments No.1: The method of measuring is stated in Section 7.

Interpretation No. 2: The standard does not provide requirements for an assessor or witness to the test to determine compliance with the standard.

Question No. 2: Is this interpretation correct?

Answer No. 2: No.

Comments No. 2: The assessor or witness to the test needs to determine when the appropriate data has been both measured and recorded. The standard requires recording the readings in Section 9.2.3 for liquid-cooled self contained units so that the performance ratings can be consistently measured for all tests. To verify optimal performance, the measurements should be verified against the manufacturer's data. Note: Standard 72 is a method of test standard, not a performance standard.