



**BSR/ASHRAE Addendum v
to ANSI/ASHRAE Standard 62.2-2022**

Public Review Draft

Proposed Addendum v to Standard 62.2-2022, Ventilation and Acceptable Indoor Air Quality in Residential Buildings

**First Public Review (May 2025)
(Draft shows Proposed Changes to Current Standard)**

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FOREWORD

This proposed addendum updates the reference to HVI Publication 920 with the latest version, adds a reference to CAN/CSA C439 for laboratory airflow testing of HERVs, and provides a table to clarify which airflow and sound test procedures are applicable to various ventilation system types.

[Note to Reviewers: This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~striking through~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the current standard are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.]

Addendum v to 62.2-2022

Revise Section 7.1 as shown below.

7.1 Ratings. Airflow and sound ratings shall be provided for ventilation devices and equipment serving individual dwelling units. Airflow and sound ratings shall be provided ~~in accordance with HVI 920, or equivalent,~~ by an administration and certification body that is accredited in accordance with ISO/IEC 17065 with respect to application of the standards and test procedures referenced in ~~Section 7.1~~ Table 7-1 and accredited by an accreditation body operating in accordance with ISO/IEC 17011. Laboratory tests of representative units shall be conducted for airflow ~~in accordance with ANSI/ASHRAE Standard 51/AMCA 210, as prescribed by HVI 916, or equivalent~~ and ~~conducted~~ for sound in accordance with the test procedures referenced in Table 7-1 ~~ANSI/AMCA Standard 300, as prescribed by HVI 915, or equivalent.~~ This section does not require certification to HVI 917.

Table 7-1 Laboratory Test Procedures for Airflow and Sound

<u>Device</u>	<u>Laboratory Test Procedure, Airflow</u>	<u>Laboratory Test Procedure, Sound</u>
<u>Heat or energy recovery ventilator</u>	<u>CAN/CSA C439, as prescribed by HVI Publication 920, or equivalent.</u>	<u>Two-duct ceiling/wall insert units: ANSI/AMCA Standard 300, as prescribed by HVI Publication 915, or equivalent.</u> <u>Other units: None. The system shall comply with the Exception to Section 7.3.</u>
<u>Outdoor air duct connected to an air-handling unit</u>	<u>None.</u>	<u>None. The system shall comply with the Exception to Section 7.3.</u>
<u>Other exhaust or supply</u>	<u>Nominal Installed Airflow (NIA), where provided: ANSI/ASHRAE Standard 51/AMCA 210, as prescribed by HVI Publication 920, or equivalent.</u> <u>Other airflows: ANSI/ASHRAE Standard 51/AMCA 210, as prescribed by HVI Publication 916, or equivalent.</u>	<u>Inline-fan units: None. The system shall comply with the Exception to Section 7.3.</u> <u>Other units: ANSI/AMCA Standard 300, as prescribed by HVI Publication 915, or equivalent.</u>

Revise Section 7.3 as shown below.

7.3 Sound Ratings for Fans. Ventilation fans shall be rated for sound at no less than the minimum airflow rate required by this standard as noted below. These sound ratings shall be at a minimum of 0.1 in. of water (25 Pa) static pressure in accordance with the HVI procedures referenced in Section 7.1.

Exception to 7.3: Where used for ventilation, HVAC air handlers and remote mounted fans need not meet sound requirements. To be considered for this exception, a remote mounted fan shall ~~must~~ be mounted outside the habitable spaces, bathrooms, toilets, and hallways, and there shall ~~must~~ be at least 4 ft (1 m) of ductwork between the fan and any associated terminations within the dwelling-unit ~~the intake grille~~.

Revise Section 10 as shown below. The remainder of Section 10 is unchanged.

10. REFERENCES

<u>CSA Group (CSA)</u> <u>178 Rexdale Blvd</u> <u>Toronto ON M9W 1R3</u> <u>Canada</u> <u>(416) 747-4000; www.csagroup.org</u>			<u>Laboratory methods of test for rating the performance of heat/energy-recovery ventilators</u>	<u>7.1</u>	
<u>CAN/CSA C439-24</u>					
<u>Home Ventilating Institute (HVI)</u> <u>1740 Dell Range Blvd., Ste. H, PMB</u> <u>450 Cheyenne, WY 82009</u> <u>(855) 484-8368; www.hvi.org</u>					
<u>HVI Publication 915 (20152025)</u>	<u>Loudness Testing and Rating Sound Test Procedure</u>			7.1	
<u>HVI Publication 916 (20152025)</u>	<u>Air Flow Test Procedure</u>			7.1	
<u>HVI Publication 920 (20202024)</u>	<u>Product Performance Certification and Surveillance Procedure</u> <u>Including Verification and Challenge</u>			7.1	