



HVI Addendum B to HVI Publication 920:2020

HVI PRODUCT PERFORMANCE CERTIFICATION PROCEDURE INCLUDING VERIFICATION AND CHALLENGE©

Reference: HVI Publication 920:2020 Appendix III

Background: CSA revised CSA C439 to a -18 version from a -09 version. HVI needed to align its certification program with NRCAN ENERGY STAR and NRCAN Regulatory Schemes which require testing of HERVs in accordance with CSA C439-18. This Addendum supersedes Clarification 02182021 of HVI Publication 920:2020 Appendix III which was originally applied to summarize HVI's change in scheme requirements as addenda were not yet approved for numbered publication changes.

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Revise Appendix III as shown.

Paragraph 3: HVI Certification of these products is based on testing both airflow and energy recovery performance in accordance with CAN/CSA C439 ~~(-09) (-18)~~, Standard Laboratory Methods of Test for Rating the Performance of Heat/Energy-Recovery Ventilators, herein referred to as CAN/CSA C439. ~~This publication and this specific Appendix describe exceptions to CAN/CSA C439.~~

Paragraph 6: Performance Calculations
The performance calculations shall follow CAN/CSA C439-18 with the following exception: ~~with the following exceptions:~~

- ~~1. Clause 12 of CAN/CSA C439 is not in application for the time being.~~
- ~~2. Very Low Temperature performance are rated over the last sixty hours of the 72-hour test, as required to maintain eligibility for certain special jurisdictions.~~

HVI recognizes C439-18 as a test method standard and therefore does not recognize the minimum sensible heat-recovery efficiency requirement of 55% in Clause 9.3.3.1. HVI accepts results of tests performed in accordance with the C439-18 standard that result in sensible heat-recovery efficiency values of less than 55%.

Date of Implementation: August 9, 2022

Impact on Current Certifications: All HVI Certified HERV lab reports must be C439-18 compliant by June 30, 2024. Any HERV not in compliance after this date will be removed from the HVI-Certified Products Directory (CPD), no exceptions. A new column will be added to the HVI CPD in 2022 and removed from the HVI CPD after June 30, 2024, indicating which models

are C439-18 compliant. Periodic File Reviews for HERVs are suspended until January 1, 2025.

Impact on Verification Program: The HVI Verification Program for HERVs only is suspended for years 2023 and 2024 and will resume on January 1, 2025.

Approval Authority: HVI Board of Directors approval on August 9, 2022.