

**Clarification 02182021 of HVI Publication 920:2020  
HVI PRODUCT PERFORMANCE CERTIFICATION PROCEDURE INCLUDING  
VERIFICATION AND CHALLENGE**

**Date Approved: 2/18/2021**

**Request From:** Matthew Friedlander, RenewAire LLC

**Reference #1:** HVI Publication 920:2020 Appendix III, Paragraph 3.

**Background #1:** CSA has revised CSA C439 to a -18 version from a -09 version. HVI needs to align its certification program with NRCAN ENERGY STAR and NRCAN Regulatory which require the CSA C439-18 version. This Clarification was per an approved Motion in the February 18, 2021 HERV Committee Meeting minutes.

**Clarification #1:** That HVI Publication 920:2020 be revised to change the reference of the 2009 version of CSA C439 in paragraph 3 of Appendix III to the 2018 version.

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

**Clarification Question#1:** Should the reference on CSA C439 be changed from -09 to -18 version?

**HVI Answer #1:** Yes, CSA C439-18 will now be required for the HVI Certification and Verification programs.

**Reference #2:** HVI Publication 920:2020 Appendix III, Paragraphs 3 & 6

**Background #2:** CSA has revised CSA C439 to a -18 version from a -09 version. HVI needs to align its certification program with NRCAN ENERGY STAR and NRCAN Regulatory which require the CSA C439-18 version. This Clarification was per an approved Motion in the February 18,2021 HERV Committee Meeting minutes

**Clarification #2:** That HVI Publication 920:2020 be revised to remove the last line of paragraph 3 and identified exceptions in paragraph 6 of Appendix III.

Paragraph 3:

~~This publication and this specific Appendix describe exceptions to CAN/CSA C439.~~

Paragraph 6:

**Performance Calculations**

The performance calculations shall follow CAN/CSA C439 ~~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.~~

**Clarification Question #2:** Should HVI Publication 920:2020 be revised to remove the last line of paragraph 3 and identified exceptions in paragraph 6 of Appendix III?

**HVI Answer #2:** Yes

**Comment:** Past practice for a program requirement change, such as updating the HERV requirements in HVI Publication 920 from CSA C439-09 to the now required CSA C439-18, would be for a revised copy of HVI Publication 920 to be circulated to the General Membership for approval. The HVI Quality Manual Section 4.8.1 states that “Should circumstances arise where it is not possible for HVI staff to follow existing policies or procedures, or where no policy or procedure exists, the CEO is authorized to take timely and appropriate action to resolve the circumstance in the best interest of the association while ensuring compliance with ISO/IEC 17065.” This change from CSA C439-09 to CSA C439-18 is the current requirement and will be captured in the next full revision of HVI Publication 920.