



**Clarification 10022023 of HVI Publication 920:2020  
HVI PRODUCT PERFORMANCE CERTIFICATION PROCEDURE INCLUDING  
VERIFICATION AND CHALLENGE©**

**Date Approved: 10/02/2023**

**Reference:** HVI Publication 920 Appendix I - Tolerances for Verification and Challenge

**Background:** Energy rating tolerance is 110% of HVI-Certified energy-to-run-fan rating.

**Clarification:** There is not a lower level of energy rating tolerance specified. So, during Verification or Challenge, the measured power may have any value lower than HVI-Certified energy-to-run-fan rating, for example -10% or -15%.

**Question(s):**

- 1) If during Verification or Challenge the measured power will have value lower than HVI-Certified energy-to-run-fan rating, for example -10% or -15%, this result will not be considered a non-conformance, right?
- 2) Will the product certification stay valid under such circumstances?

**HVI Answer(s):**

- 1) Correct.
- 2) Yes.

**HVI Comment(s):** HVI Publication 920:2020, Appendix I establishes a **maximum limit** for the tolerance for HVI-Certified energy-to-run-fan ratings with the following language, “all products shall operate at not more than 110% of their HVI-Certified energy-to-run-fan rating. A tolerance of plus 1 watt is to be applied for products with HVI-Certified energy ratings of 10 watts or less. Exceptions, if any, are found in the Appendix for the product category.” HVI Publication 920:2020 does not establish a **minimum limit** for the tolerance for HVI-Certified energy-to-run-fan ratings.