

## Clarification 05022023 of HVI Publication 920:2020

### HVI PRODUCT PERFORMANCE CERTIFICATION PROCEDURE INCLUDING VERIFICATION AND CHALLENGE©

**Date Approved: 05/02/2023**

- Reference:** HVI Publication 920:2020 Appendix 1 – Range Hood Power Units.
- Background:** When a member has range hood power units (“blowers”) that can be paired with multiple non-powered kitchen ventilators (“shells”), Appendix 1, footnote 2 states that “HVI certifies range hood power units only in conjunction with a non-powered kitchen ventilator.”. While this makes sense, it is often the case where a given blower can be paired with a large multitude of possible non-powered hoods/shells. A member may choose to certify that blower with a worst-case performance non-powered shell so that if it is used with any other shell, the performance will be at least as good. The member is choosing to “leave some claimed performance on the table” so to speak. The issue is that to a consumer who might be looking at the certified products directory (CPD) for a blower, they will likely read that “blower model ABC was tested with shell XYZ” and think that this is the hood/shell that blower ABC has to be paired with or that if they use any other shell their performance may be worse. Note that the specification/sell sheets for the products (where most consumers are likely to get their information) can better explain what all of the options are. It is better to leave the information regarding which shell it was tested with off the CPD as it will only cause consumer confusion. If this blower is ever selected for verification testing, HVI can choose a compatible hood/shell from the blower’s specification sheet to procure and test with. Broan-NuTone has been certifying hoods using this worst-case hood/shell approach for many, many years with no issues.
- Clarification:** CPD listings for KRH Power Units (aka blowers) need to indicate a compatible hood or downdraft shell is required for achieving the certified performance. The specific series name or model number of the hood or downdraft shell is not required in the naming convention.
- Question:** If the CPD listing said, “Blower XYZ with a compatible hood” (e.g. “IQ6 with a compatible hood”), would that be acceptable?
- HVI Answer:** Yes
- Comment:** At verification, any advertised compatible hood may be procured for testing with the blower. It is understood that all certified configurations must be available with all advertised compatible hoods. More granularity in the naming convention (hood model series or actual hood model numbers) would be required when unique ducting configurations are available or the various compatible hoods are substantially different, in which case other combinations of the blower and hood(s) would need to be tested and certified as separate model families.