

Technical Bulletin

Kitchen Range Hood Verification

New to the 2019 Energy Efficiency Standards is HERS verification of kitchen range hoods. Efficiency Standards Section [150.0\(o\)2B](#) states:

The installed kitchen range hood shall be field verified in accordance with the procedures in Reference Residential Appendix RA3.7.4.3 to confirm the model is rated by HVI to comply with the following requirements:

1. The minimum airflow rate as specified in Section 5 of ASHRAE 62.2., and
2. The maximum sound rating as specified in Section [150.0\(o\)1G](#).

The procedures in [RA3.7.4.3](#) are as follows:

The verification shall utilize certified rating data from the Home Ventilating Institute (HVI) Certified Home Ventilating Products Directory or another directory of certified product performance ratings approved by the Energy Commission for determining compliance. The verification procedure shall consist of visual inspection of the installed kitchen range hood to verify and record the following information:

- (a) The manufacturer name and model number.
- (b) The model is listed in the HVI Directory.
- (c) The rated airflow value listed in the HVI directory.
- (d) The sound rating value listed in the HVI directory.
- (e) If the value for the rated airflow given in the directory is greater than or equal to the airflow requirements specified in the Standards, and if the value for the sone rating given in the directory is less than or equal to the sone rating requirements specified in Standards, then the kitchen range hood complies, otherwise the kitchen range hood does not comply.

UPDATE: On February 24, 2020 the Energy Commission approved the use of the Association of Home Appliance Manufacturers (AHAM) kitchen range hood directory and program as an alternative procedure or protocol for demonstrating compliance with kitchen range hood rating requirements in the 2019 Energy Code.

Below are links to both databases:

[HVI Directory](#)

[AHAM Directory](#)

Additional questions about [HERS verification](#) of QII may be directed to CalCERTS support: support@calcerts.com or (916) 985-3400, ext.*

Copyright: ©2020 CalCERTS, Inc. All Rights Reserved