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RESIDENTIAL ENERGY SERVICES NETWORK

Setting the **Standards** for
Home Energy Efficiency

Interpretation: Matching HVAC manufacturer and model required for Std. 310

Designation: IR 310-2020-003 and IR 310-2025-001

Approved: September 6, 2026, by RESNET® SDC 300

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Request from:

Name: Dean Gamble

Affiliation: US EPA

Address: 1200 Pennsylvania Ave. NW, MC 6202A

City: Washington State: DC Zip: 20460

Telephone: 202-343-9199

E-mail: Gamble.dean@epa.gov

Reference:

This request for interpretation refers to the requirements in:

Standard: ANSI / RESNET / ACCA / ICC 310-2020 and 310-2025

Section(s): 6.2.2.1 (2020) / 601.2.2.1 (2025)

Table(s):

Relating to: Matching HVAC manufacturer and model number

Excerpt of text:

HVAC equipment. The specified manufacturer(s) and model number(s) of the equipment in the Forced-Air HVAC System under test matches the installed equipment or supplemental documentation has been collected as defined in Section 4.2.5 and verified in accordance with Section 4.3.

If the installed equipment does not match the specified equipment in the original or supplemental documentation, then the Forced-air HVAC System shall not be further evaluated using this standard, and Grade III shall be designated for Blower Fan volumetric airflow, Blower Fan watt draw, and refrigerant charge.

Background:

This section begins by stating that the specified manufacturer(s) and model number(s) of the equipment in the Forced-Air HVAC system under test must match the installed equipment.

It then provides an alternative if this condition is not met – supplemental documentation must be collected as defined in Section 4.2.5 and verified in accordance with Section 4.3.

Finally, it states that if the installed equipment does not "match the specified equipment" in the original or supplemental documentation, then the system shall not be further evaluated.

The phrase "match the specified equipment" is not explicit about which parameters must match, particularly in instances where supplemental documentation has been collected.

One might interpret this phrase as only requiring that the installed equipment match the specified equipment in compliance with the review criteria of Section 4.3. Alternatively, one might interpret that the manufacturer(s) and model number(s) of the installed equipment must also match what is specified in the design documentation, given that Section 6.2.2.1 begins with this requirement and the manufacturer and model number are parameters specified as part of Section 4.2.5.

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Interpretation: *(Proposed by the petitioner.)*

Section 6.2.2.1 requires that the manufacturer(s) and model number(s) of the installed equipment match the specified equipment in the applicable original or supplemental documentation for the grading process to proceed.

In cases where the installed equipment does not match the original design documentation, then supplemental documentation encompassing the new equipment is permitted to be collected. That new documentation must be reviewed per Section 4.3 to ensure it still complies. In addition, the Rater must verify that the specified manufacturer(s) and model number(s) now match the installed equipment.

Question: Is this Interpretation correct?

SDC Answer: Yes

SDC Comments: