

TESTING

2016-SE-16027, 2016-SE-16028

In June 2016, Carrier Corporation (“Carrier”) reported to the U.S. Department of Energy (“DOE”) that, because of an issue during start-up, testing of certain combinations of (1) split-system central air conditioner basic model CA13NA0180NGAAAA², and (2) split-system central air conditioner basic model DNP.H4A318GKN³ (together, and including all individual models covered by these basic models, “the central air conditioner basic models”) demonstrated performance that was not in compliance with the applicable standards at 10 C.F.R. § 430.32(c)(1).

Specifically, Air-Conditioning, Heating, and Refrigeration Institute (“AHRI”) testing of four systems consisting of outdoor model CA13NA0180NGAAAA and indoor model CAPMP1814ALAAAAA demonstrated SEER performances of 12.23, 12.64, 11.84, and 11.76, respectively. Carrier also reported that Carrier’s internal testing of three systems consisting of outdoor model DNP.H4A318GKN and indoor model CAP**1814AL* demonstrated that because of an inefficiency in start-up mode, the SEER performances of the units were 12.17, 11.58, and 12.02, respectively.

2017-SE-16008

In January 2017, Carrier reported to DOE that AHRI testing of four systems of the split-system central air conditioning heat pump basic model consisting of outdoor unit model 25HCC530A300, air mover (blower) model 59TP6A060E141212, and indoor unit model CAPMP3614AL, (together, and including all individual models covered by this basic model, the “heat pump basic model”) demonstrated performance that was not in compliance with applicable standards at 10 C.F.R. § 430.32(c)(1). The four tested systems of this combination had SEER performances of 12.96, 13.03, 12.57, and 12.86, and an HSPF of 8.09, 7.90, 7.92, and 7.87, respectively.

FINDINGS

Based on the facts stated above, DOE finds, after applying the calculations in 10 C.F.R. Part 429, Subpart C, Appendix A, that the central air conditioner basic models and heat pump basic model that include the tested combinations listed above, irrespective of branding and individual model numbers, do not comply with applicable federal energy conservation standards.

NOTICE

Distribution in commerce of a product that does not meet the energy conservation standards is a violation subject to civil penalty, regardless of the issuance of this Notice.

² Carrier informed DOE that basic model CA13NA0180NGAAAA includes Carrier brand model number 24ABB318A0N32011, Bryant brand model numbers 113ANA0180N0BEAB and BA13NA0180NGAEAA, Payne brand model numbers PA13NA0180N0ABAA and PA13NA0180NGABAA, and International Comfort Products brand model numbers R4A318AKN200, R4A318GKN200, N4A318AKN300, and N4A318GKN300.

³ Carrier informed DOE that basic model DNP.H4A318GKN includes International Comfort brand model numbers H4A318GKN, C4A318GKN, and T4A318GKN.

MANDATORY ACTION BY CARRIER

Carrier informed DOE that the combination of outdoor model CA13NA0180NGAAAA and indoor model CAPMP1814ALAAAAA was introduced in 2007 and ceased being offered for sale in April 2016. In June 2016, Carrier informed DOE that the combination consisting of outdoor model DNP.H4A318GKN and indoor model CAP**1814AL* would no longer be manufactured and that its distributors were asked to hold any remaining units in inventory. Carrier informed DOE that the split-system central air conditioning heat pump basic model consisting of outdoor unit model 25HCC530A300, air mover (blower) model 59TP6A060E141212, and indoor unit model CAPMP3614AL was introduced in 2014 and ceased being offered for sale in October 2016.

Carrier has already provided to DOE records sufficient to show the number of units of the central air conditioner basic models and heat pump basic model that Carrier distributed in commerce in the United States in the past five years. 10 C.F.R. § 429.114(a).

OPTIONAL ACTIONS BY CARRIER

Carrier has notified DOE that it has modified the basic models and has represented that the modified basic models are compliant with current applicable standards. A modified basic model shall be treated as a new basic model under the regulations and must be certified in accordance with the provisions of 10 C.F.R. Part 429.

CONSEQUENCES FOR FAILURE TO COMPLY WITH THIS NOTICE

Should Carrier distribute in the United States any units of the central air conditioner basic models or heat pump basic model, this letter serves as notice that DOE may seek a judicial order within 30 calendar days to restrain further distribution. If, however, Carrier provides DOE with a satisfactory statement within that 30-day period detailing the steps that Carrier will take to ensure that units of the noncompliant model(s) will no longer be distributed in commerce in the United States, DOE may elect to defer seeking such an order until a more appropriate time, if needed.

The distribution of any units of a noncompliant basic model may result in DOE seeking all appropriate legal remedies available under federal law, including injunctive relief and civil penalties with respect to each unit of the basic model distributed in violation of federal law.

/S/ _____
Laura L. Barhydt
Assistant General Counsel
for Enforcement