

**BEFORE THE  
U.S. DEPARTMENT OF ENERGY  
Washington, D.C. 20585**

In the Matter of: )  
)  
)

**Turbo Air, Inc.** )  
(commercial refrigerators, freezers and )  
refrigerator-freezers) )  
)

Case Number: 2015-SE-42003

Issued: July 21, 2017

**NOTICE OF NONCOMPLIANCE DETERMINATION**

Commercial refrigerators, freezers and refrigerator-freezers are covered equipment subject to federal energy conservation standards. 10 C.F.R. §§ 431.2, 431.66. Manufacturers and private labelers are prohibited from distributing in commerce<sup>1</sup> covered equipment in the United States that do not comply with applicable federal energy conservation standards. 10 C.F.R. § 429.102(a)(6).

**TESTING**

The U.S. Department of Energy (“DOE”) tested four units of Turbo Air, Inc. (“Turbo Air”) commercial refrigeration equipment basic model number JURF-48 (“the basic model”). DOE’s testing in accordance with DOE test procedures (10 C.F.R. § 431.64) demonstrates that the basic model is not in compliance with the applicable energy conservation standard. Basic model JURF-48 is a commercial refrigerator-freezer with solid doors and a self-contained condensing unit designed for holding temperature applications. 10 C.F.R. § 431.66(b)(1). The maximum daily energy consumption (“MDEC”) for this category for units with adjusted volume equal to the average of the tested units and manufactured on or after January 1, 2010, and before March 27, 2017, is 2.64 kWh/day. The four units that DOE tested performed at an MDEC of 7.0053, 5.4662, 5.1652, and 5.353 kWh/day, respectively, an average of 118% above the applicable standard.<sup>2</sup>

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<sup>1</sup>The terms ‘to distribute in commerce’ and ‘distribution in commerce’ mean to sell in commerce, to import, to introduce or deliver for introduction into commerce, or to hold for sale or distribution after introduction into commerce. 42 U.S.C. § 6311(7) (adopting definitions of these terms as set forth at 42 U.S.C. § 6291(16)).

<sup>2</sup> The unit that performed at an MDEC of 7.0053 was purchased by DOE from an independent seller, whereas the other three units were provided by Turbo Air in response to a March 3, 2015 test notice issued by DOE to Turbo Air. The laboratory that conducted the testing of these units found upon inspection that the first unit tested was wired differently from the three units that Turbo Air provided. In addition, the wiring diagram on the three units was consistent with the actual wiring on the first unit, not the actual wiring on the three units. Despite these differences, the three units performed at an average of 5.328 kWh/day, 102% above the applicable standard.

## FINDINGS

Based on the facts stated above, DOE has determined, after applying the calculations set forth in 10 C.F.R. Part 429, Subpart C, Appendix B, that the basic model (including each individual model within the basic model) does not comply with the applicable energy conservation standard.

## MANDATORY ACTIONS BY TURBO AIR

In light of the above findings, Turbo Air must take the following steps in accordance with 10 C.F.R. § 429.114(a):

- (1) Immediately cease distribution in commerce in the United States of all units of the basic model;
- (2) Provide immediate written notification of this noncompliance determination to all persons in the United States to whom Turbo Air has distributed units of any model within the basic model;
- (3) Provide to DOE within 15 calendar days of the date of this Notice a copy of the written notification required by paragraph (2) and a list of the parties that Turbo Air notified; and
- (4) Provide to DOE within 30 calendar days of the date of this Notice records sufficient to show the number of units of the basic model that Turbo Air distributed in commerce in the United States, including all units imported into the United States, in the past five years.

If you claim that any of the information sought by this Notice constitutes confidential commercial material within the meaning of 5 U.S.C. § 552(b)(4), or is protected from disclosure pursuant to 18 U.S.C. § 1905, you must (1) provide one complete and full copy and one copy with the confidential information deleted and (2) submit supporting information together with the materials that are the subject of the confidentiality request. *See* 10 C.F.R. § 429.7. Failure to adhere to these procedures will result in a rejection of your request for confidential treatment.

## OPTIONAL ACTIONS BY TURBO AIR

In addition to the mandatory steps listed above that Turbo Air must complete, Turbo Air may elect to modify a basic model to bring it into compliance with the current applicable standard. 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. In addition to satisfying all requirements of this part, any models within the basic model must be assigned new model numbers and Turbo Air must also maintain, and provide upon request to DOE, records that demonstrate that modifications have been made to all units of the new basic model prior to distribution in commerce. Prior to distribution of the modified basic model in commerce in the United States, Turbo Air must provide to DOE test data demonstrating that the modified basic

model complies with the applicable standard. All units must be tested in accordance with DOE regulations, and Turbo Air shall bear the costs of all such testing.

If, after this testing, DOE determines that the modified basic model complies with the applicable standard, DOE will issue a Notice of Allowance to permit Turbo Air to resume the distribution of the modified basic model in the United States. Until DOE determines that the modified basic model complies with the applicable standard, Turbo Air is prohibited from selling or otherwise distributing units in commerce in the United States.

CONSEQUENCES FOR FAILURE TO COMPLY WITH THIS NOTICE

Should Turbo Air fail to cease immediately the distribution in the United States of all units of models within the basic model, this letter serves as notice that DOE may seek a judicial order within 30 calendar days to restrain further distribution. If, however, Turbo Air provides DOE with a satisfactory statement within that 30-day period detailing the steps that Turbo Air will take to ensure that units of the noncompliant basic model 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

**Certificate of Service**

This is to certify that on May 26, 2017, the undersigned served the designated copies of the Notice of Noncompliance Determination issued in DOE Case Number 2015-SE-42003 on the parties listed below in the manner indicated.

**NOTICE OF NONCOMPLIANCE DETERMINATION**

Turbo Air, Inc.  
c/o Chi Won Suh  
3126 Oakridge Terrace  
Calabasas, CA 91302

Original by Certified Mail

Turbo Air, Inc.  
c/o Michael Andrus  
Executive Vice President - Sales  
andrus\_mike@yahoo.com

PDF by email

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Deborah Cavanagh