

## Adoption of the Amendment

Accordingly, pursuant to the authority delegated to me by the Administrator, the Federal Aviation Administration amends part 39 of the Federal Aviation Regulations (14 CFR part 39) as follows:

### PART 39—AIRWORTHINESS DIRECTIVES

1. The authority citation for part 39 continues to read as follows:

**Authority:** 49 U.S.C. 106(g), 40113, 44701.

#### § 39.13 [Amended]

2. Section 39.13 is amended by adding the following new airworthiness directive:

**2000-18-01 Boeing:** Amendment 39-11886. Docket 2000-NM-270-AD.

**Applicability:** Model 747 series airplanes powered by Pratt & Whitney JT9D-7 series engines, as listed in Boeing Alert Service Bulletin 747-54A2200, dated July 7, 2000; certificated in any category.

**Note 1:** This AD applies to each airplane identified in the preceding applicability provision, regardless of whether it has been modified, altered, or repaired in the area subject to the requirements of this AD. For airplanes that have been modified, altered, or repaired so that the performance of the requirements of this AD is affected, the owner/operator must request approval for an alternative method of compliance in accordance with paragraph (d) of this AD. The request should include an assessment of the effect of the modification, alteration, or repair on the unsafe condition addressed by this AD; and, if the unsafe condition has not been eliminated, the request should include specific proposed actions to address it.

**Compliance:** Required as indicated, unless accomplished previously.

To detect and correct bushing migration, corrosion, or cracking of the lugs on the bulkhead fitting of the rear engine mount, accomplish the following:

#### Repetitive Detailed Visual Inspections

(a) At the later of the times in paragraphs (a)(1) and (a)(2) of this AD, perform a detailed visual inspection for bushing migration, corrosion, or cracking; and a physical measurement inspection using feeler gages for bushing migration; of the lugs on the bulkhead fitting of the rear engine mount, in accordance with Boeing Alert Service Bulletin 747-54A2200, dated July 7, 2000. Thereafter, repeat the inspection at intervals not to exceed 90 days, except as provided by paragraph (c) of this AD.

(1) Prior to the accumulation of 10,000 total flight cycles, or within 15 years since the date of manufacture of the airplane, whichever occurs first.

(2) Within 90 days after the effective date of this AD.

**Note 2:** For the purposes of this AD, a detailed visual inspection is defined as:

“An intensive visual examination of a specific structural area, system, installation,

or assembly to detect damage, failure, or irregularity. Available lighting is normally supplemented with a direct source of good lighting at intensity deemed appropriate by the inspector. Inspection aids such as mirror, magnifying lenses, etc., may be used. Surface cleaning and elaborate access procedures may be required.”

#### Corrective Actions

(b) During any inspection accomplished in accordance with paragraph (a) or (c) of this AD, if bushing migration, corrosion, or cracking is detected, accomplish paragraph (b)(1) or (b)(2) of this AD, as applicable.

(1) If light corrosion or bushing migration is found: Prior to further flight, do interim rework in accordance with Part 4 of the service bulletin; EXCEPT where the service bulletin specifies to contact Boeing, prior to further flight, repair in accordance with a method approved by the Manager, Seattle Aircraft Certification Office (ACO), FAA; or in accordance with data meeting the type certification basis of the airplane approved by a Boeing Company Designated Engineering Representative (DER) who has been authorized by the Manager, Seattle ACO, to make such findings. For a repair method to be approved by the Manager, Seattle ACO, as required by this paragraph, the approval letter must specifically reference this AD.

**Note 3:** The ultrasonic inspection described in Part 3 of Boeing Alert Service Bulletin 747-54A2200, dated July 7, 2000, and the rework described in Part 5 are not required by paragraph (b)(1) of this AD. However, the repetitive detailed visual inspections required by paragraph (a) of this AD continue to be required.

(2) If moderate to severe corrosion or any cracking is found: Prior to further flight, rework in accordance with a method approved by the Manager, Seattle ACO; or in accordance with data meeting the type certification basis of the airplane approved by a Boeing Company DER who has been authorized by the Manager, Seattle ACO, to make such findings. For a repair method to be approved by the Manager, Seattle ACO, as required by this paragraph, the approval letter must specifically reference this AD.

#### Optional Ultrasonic Inspection

(c) Accomplishment of the repetitive ultrasonic inspections specified in Part 3 of Boeing Alert Service Bulletin 747-54A2200, dated July 7, 2000, at intervals not to exceed 1,400 flight cycles or 18 months, whichever occurs first; extends the interval for the repetitive detailed visual and physical measurement inspections required by paragraph (a) of this AD to the interval stated in paragraph (c)(1) or (c)(2) of this AD, as applicable.

(1) If no bushing migration is found, the repetitive interval is not to exceed 1,400 flight cycles or 18 months, whichever occurs first.

(2) If any bushing migration is found, the repetitive interval is not to exceed 180 days.

#### Alternative Methods of Compliance

(d) An alternative method of compliance or adjustment of the compliance time that

provides an acceptable level of safety may be used if approved by the Manager, Seattle ACO. Operators shall submit their requests through an appropriate FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, Seattle ACO.

**Note 4:** Information concerning the existence of approved alternative methods of compliance with this AD, if any, may be obtained from the Seattle ACO.

#### Special Flight Permits

(e) Special flight permits may be issued in accordance with sections 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate the airplane to a location where the requirements of this AD can be accomplished.

#### Incorporation by Reference

(f) Except as provided by paragraphs (b)(1) and (b)(2) of this AD, the actions shall be done in accordance with Boeing Alert Service Bulletin 747-54A2200, dated July 7, 2000. This incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be obtained from Boeing Commercial Airplane Group, P.O. Box 3707, Seattle, Washington 98124-2207. Copies may be inspected at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington; or at the Office of the Federal Register, 800 North Capitol Street, NW., Suite 700, Washington, DC.

#### Effective Date

(g) This amendment becomes effective on September 18, 2000.

Issued in Renton, Washington, on August 25, 2000.

**Donald L. Riggan,**

*Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.*  
[FR Doc. 00-22284 Filed 8-31-00; 8:45 am]

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## FEDERAL TRADE COMMISSION

### 16 CFR Part 305

#### Rule Concerning Disclosures Regarding Energy Consumption and Water Use of Certain Home Appliances and Other Products Required Under the Energy Policy and Conservation Act (“Appliance Labeling Rule”)

**AGENCY:** Federal Trade Commission.

**ACTION:** Final rule.

**SUMMARY:** The Federal Trade Commission (Commission) amends its Appliance Labeling Rule (“Rule”) by publishing new ranges of comparability to be used on required labels for heat pump water heaters, and announces that the current ranges of comparability required by the Rule for room air conditioners, storage-type water heaters,

gas-fired instantaneous water heaters, furnaces, boilers, and pool heaters will remain in effect until further notice.

**EFFECTIVE DATE:** November 30, 2000.

**FOR FURTHER INFORMATION CONTACT:**

James Mills, Attorney, Division of Enforcement, Federal Trade Commission, Washington, DC 20580 (202-326-3035); jmills@ftc.gov.

**SUPPLEMENTARY INFORMATION:** The Rule was issued by the Commission in 1979 (44 FR 66466 (Nov. 19, 1979)) in response to a directive in the Energy Policy and Conservation Act of 1975.<sup>1</sup>

The Rule covers eight categories of major household appliances: Refrigerators and refrigerator-freezers, freezers, dishwashers, clothes washers, water heaters (this category includes storage-type water heaters, gas-fired instantaneous water heaters, and heat pump water heaters), room air conditioners, furnaces (this category includes boilers), and central air conditioners (this category includes heat pumps). The Rule also covers pool heaters (59 FR 49556 (Sept. 28, 1994)), and contains requirements that pertain to fluorescent lamp ballasts (54 FR 28031 (July 5, 1989)), certain plumbing products (58 FR 54955 (Oct. 25, 1993)), and certain lighting products (59 FR 25176 (May 13, 1994)).

The Rule requires manufacturers of all covered appliances and pool heaters to disclose specific energy consumption or efficiency information (derived from the DOE test procedures) at the point of sale in the form of an "EnergyGuide" label and in catalogs. It also requires manufacturers of furnaces, boilers, central air conditioners, and heat pumps either to provide fact sheets showing additional cost information, or to be listed in an industry directory showing the cost information for their products. The Rule requires that manufacturers include, on labels and fact sheets, an energy consumption or efficiency figure and a "range of comparability" scale. This scale shows the highest and lowest energy consumption or efficiencies for all comparable appliance models so consumers can compare the energy consumption or efficiency of other models (perhaps competing brands) similar to the labeled model. The Rule requires that manufacturers also include, on labels for some products, a secondary energy usage disclosure in the form of an estimated annual operating cost based on a specified DOE

national average cost for the fuel the appliance uses.

Section 305.8(b) of the Rule requires manufacturers, after filing an initial report, to report annually (by specified dates for each product type)<sup>2</sup> the estimated annual energy consumption or energy efficiency ratings for the appliances derived from tests performed pursuant to the DOE test procedures. Because manufacturers regularly add new models to their lines, improve existing models, and drop others, the data base from which the ranges of comparability are calculated is constantly changing. Under Section 305.10 of the Rule, to keep the required information on labels consistent with these changes, the Commission publishes new ranges (but not more often than annually) if an analysis of the new information indicates that the upper or lower limits of the ranges have changed by more than 15%. Otherwise, the Commission publishes a statement that the prior ranges remain in effect for the next year.

The annual submissions of data for room air conditioners, water heaters (including storage-type, gas-fired instantaneous, and heat pump water heaters), furnaces, boilers, and pool heaters have been made and have been analyzed by the Commission.

The data submissions for heat pump water heaters show significant changes in both the high and low ends of the ranges of comparability for these products. Therefore, the Commission is publishing new ranges for use in required disclosures (including labeling) for heat pump water heaters beginning November 30, 2000. In addition, beginning November 30, 2000, manufacturers of heat pump water heaters must base the disclosures of estimated annual operating cost required at the bottom of EnergyGuides for these products on the 2000 Representative Average Unit Cost of Energy for electricity (8.03 cents per kilowatt-hour) that was published by DOE on February 7, 2000 (65 FR 5860), and by the Commission on April 17, 2000 (65 FR 20352).

The ranges of comparability for room air conditioners, storage-type water heaters, instantaneous water heaters, furnaces, boilers, and pool heaters have not changed by more than 15% from the current ranges for these products. Therefore, the current ranges for these

products will remain in effect until further notice.<sup>3</sup>

This means that manufacturers of storage-type water heaters, furnaces, and boilers must continue to use the ranges that were published on September 23, 1994, and that manufacturers of storage-type water heaters must continue to base the disclosures of estimated annual operating cost required at the bottom of EnergyGuides for these products on the 1994 Representative Average Unit Costs of Energy for electricity (8.41 cents per kilowatt-hour), natural gas (60.4 cents per therm), propane (98 cents per gallon), and/or heating oil (\$1.05 per gallon) that were published by DOE on December 29, 1993 (58 FR 68901), and by the Commission on February 8, 1994 (59 FR 5699).

Manufacturers of pool heaters must continue to use the ranges that were published on August 21, 1995. Manufacturers of room air conditioners must continue to use the corrected ranges for room air conditioners that were published on November 13, 1995. Manufacturers of pool heaters and room air conditioners must continue to base the disclosures of estimated annual operating cost required at the bottom of EnergyGuides for these products on the 1995 Representative Average Unit Costs of Energy for electricity (8.67 cents per kilowatt-hour), natural gas (63 cents per therm), propane (98.5 cents per gallon), and/or heating oil (\$1.008 per gallon) that were published by DOE on January 5, 1995 (60 FR 1773), and by the Commission on February 17, 1995 (60 FR 9295).

Manufacturers of gas-fired instantaneous water heaters must continue to use the ranges of comparability that were published on December 20, 1999. They must continue to base the disclosures of estimated annual operating cost required at the bottom of EnergyGuides for these products on the 1999 Representative Average Unit Cost for natural gas (68.8 cents per therm) and propane (77 cents per gallon) that were published by DOE on January 5, 1999 (64 FR 487) and by the Commission on February 17, 1999 (64 FR 7783).

For up-to-date tables showing current range and cost information for all covered appliances, see the

<sup>1</sup> 42 U.S.C. 6294. The statute also requires the Department of Energy ("DOE") to develop test procedures that measure how much energy the appliances use, and to determine the representative average cost a consumer pays for the different types of energy available.

<sup>2</sup> Reports for room air conditioners, water heaters (storage-type, gas-fired instantaneous, and heat pump-type) furnaces, boilers, and pool heaters are due May 1.

<sup>3</sup> The current ranges for storage-type water heaters, furnaces, and boilers were published on September 23, 1994 (59 FR 48796). The current ranges for pool heaters and room air conditioners (originally) were published on August 21, 1995 (60 FR 43367). A corrected version of the ranges for room air conditioners was published on November 13, 1995 (60 FR 56945, at 56949). The current ranges for gas-fired instantaneous water heaters were published on December 20, 1999 (64 FR 71019).

Commission's Appliance Labeling Rule web page at [www.ftc.gov/appliances](http://www.ftc.gov/appliances).

**Regulatory Flexibility Act**

The provisions of the Regulatory Flexibility Act relating to a Regulatory Flexibility Act analysis (5 U.S.C. 603-604) are not applicable to this proceeding because the amendments do not impose any new obligations on entities regulated by the Appliance Labeling Rule. Thus, the amendments will not have a "significant economic impact on a substantial number of small entities." 5 U.S.C. 605. The Commission has concluded, therefore, that a regulatory flexibility analysis is not necessary, and certifies, under Section 605 of the Regulatory Flexibility Act (5 U.S.C. 605(b)), that the amendments announced today will not have a significant economic impact on a substantial number of small entities.

**List of Subjects in 16 CFR Part 305**

Advertising, Energy conservation, Household appliances, Labeling, Reporting and recordkeeping requirements.

Accordingly, 16 CFR Part 305 is amended as follows:

**PART 305—[AMENDED]**

1. The authority citation for Part 305 continues to read as follows:

**Authority:** 42 U.S.C. 6294.

2. Appendix D5 to Part 305 is revised to read as follows:

**Appendix D5 to Part 305—Water Heaters—Heat Pump**

**RANGE INFORMATION**

Capacity: First hour rating	Range of estimated annual energy consumption (KWh/Yr.)	
	Low	High
Less than 21 .....	(*)	(*)
21 to 24 .....	(*)	(*)
25 to 29 .....	(*)	(*)
30 to 34 .....	(*)	(*)
35 to 40 .....	(*)	(*)
41 to 47 .....	1996	1996
48 to 55 .....	(*)	(*)
56 to 64 .....	2311	2311
65 to 74 .....	(*)	(*)
75 to 86 .....	(*)	(*)
87 to 99 .....	(*)	(*)
100 to 114 .....	(*)	(*)
115 to 131 .....	(*)	(*)
Over 131 .....	(*)	(*)

\* No data submitted.

By direction of the Commission.

**Donald S. Clark,**

*Secretary.*

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**FEDERAL TRADE COMMISSION**

**16 CFR Part 305**

**Rule Concerning Disclosures Regarding Energy Consumption and Water Use of Certain Home Appliances and Other Products Required Under the Energy Policy and Conservation Act ("Appliance Labeling Rule")**

**AGENCY:** Federal Trade Commission.

**ACTION:** Final rule.

**SUMMARY:** The Federal Trade Commission ("the Commission") amends its Appliance Labeling Rule ("the Rule") by publishing new ranges of comparability to be used on required labels for compact dishwashers. The Commission also announces that the current ranges of comparability for standard-sized dishwashers, central air conditioners, and heat pumps will remain in effect until further notice. Finally, the Commission amends the portions of Appendices H (Cooling Performance and Cost for Central Air Conditioners) and I (Heating Performance and Cost for Central Air Conditioners) to Part 305 that contain cost calculation formulas. These last amendments change the figures in the formulas to reflect the current (2000) Representative Average Unit Cost of Electricity that was published on February 7, 2000 (65 FR 5860), by the Department of Energy ("DOE"), and on April 17, 2000 (65 FR 20352) by the Commission.

**EFFECTIVE DATE:** The amendments to Appendix C1 to part 305 establishing new ranges of comparability for compact dishwashers will become effective March 22, 2001. The amendments to Appendices H and I to Part 305 will become effective November 30, 2000.

**FOR FURTHER INFORMATION CONTACT:** James Mills, Attorney, Division of Enforcement, Federal Trade Commission, Washington, DC 20580 (202-326-3035); [jmills@ftc.gov](mailto:jmills@ftc.gov).

**SUPPLEMENTARY INFORMATION:** The Rule was issued by the Commission in 1979 (44 FR 66466 (Nov. 19, 1979)) in response to a directive in the Energy Policy and Conservation Act of 1975 ("EPCA").<sup>1</sup> The Rule covers eight

<sup>1</sup> 42 U.S.C. 6294. The statute also requires DOE to develop test procedures that measure how much

categories of major household appliances: refrigerators and refrigerator-freezers, freezers, dishwashers, clothes washers, water heaters (this category includes storage-type water heaters, gas-fired instantaneous water heaters, and heat pump water heaters), room air conditioners, furnaces (this category includes boilers), and central air conditioners (this category includes heat pumps). The Rule also covers pool heaters (59 FR 49556 (Sept. 28, 1994)), and contains requirements that pertain to fluorescent lamp ballasts (54 FR 28031 (July 5, 1989)), certain plumbing products (58 FR 54955 (Oct. 25, 1993)), and certain lighting products (59 FR 25176 (May 13, 1994)).

The Rule requires manufacturers of all covered appliances and pool heaters to disclose specific energy consumption or efficiency information (derived from test procedures promulgated by DOE) at the point of sale in the form of an "EnergyGuide" label and in catalogs. It also requires manufacturers of furnaces, boilers central air conditioners, and heat pumps either to provide fact sheets showing additional cost information, or to be listed in an industry directory showing the cost information for their products. The Rule requires that manufacturers include, on labels and fact sheets, an energy consumption or efficiency figure and a "range of comparability" scale. This scale shows the highest and lowest energy consumption or efficiencies for all comparable appliance models so consumers can compare the energy consumption or efficiency of other models (perhaps competing brands) similar to the labeled model. The Rule requires that the manufacturers also include, on labels for some products, a secondary energy usage disclosure in the form of an estimated annual operating cost based on a specified DOE national average cost for the fuel the appliance uses.

Section 305.8(b) of the Rule requires manufacturers, after filing an initial report, to report annually (by specified dates for each product type)<sup>2</sup> the estimated annual energy consumption or energy efficiency ratings for the appliances derived from tests performed pursuant to the DOE test procedures. Because manufacturers regularly add new models to their lines, improve existing models, and drop others, the data base from which the ranges of

energy the appliances use, and to determine the representative average cost a consumer pays for the different types of energy available.

<sup>2</sup> Reports for dishwashers are due June 1; reports for central air conditioners and heat pumps are due July 1.