

Appendices**I. Acronyms and Abbreviations**

As a convenience to the reader, the following list of acronyms and abbreviations is provided. Their application is limited to the preamble of this NOPR on Energy Conservation Standards for Refrigerators.

ACEEE American Council for an Energy Efficient Economy
 ADL Arthur D. Little, Inc.
 AHAM Association of Home Appliance Manufacturers
 Amana Amana Corporation
 ANOPR Advance Notice of Proposed Rulemaking
 ARI Air-Conditioning and Refrigeration Institute
 CEC California Energy Commission
 CFC chlorofluorocarbon
 EEI Edison Electric Institute
 EER Energy Efficiency Ratio
 ELCON Electricity Consumers Resource Council
 EPA Environmental Protection Agency
 EPCA Energy Policy and Conservation Act
 ERA EPA Refrigerator Analysis
 FTC Federal Trade Commission
 GAMA Gas Appliance Manufacturers Association
 GEA General Electric Appliances
 GRI Gas Research Institute
 GRIM Government Regulatory Impact Model
 HCFC hydrochlorofluorocarbon
 LBL Lawrence Berkeley Laboratory
 LBL/MAM Lawrence Berkeley Laboratory Manufacturer Analysis Model
 LBL/MIM Lawrence Berkeley Laboratory Manufacturer Impact Model

LBL/REM Lawrence Berkeley Laboratory Residential Energy Model
 max tech maximum technologically feasible
 NAECA National Appliance Energy Conservation
 NECPA National Energy Conservation Policy Act
 NEPA National Energy Policy Act
 NOPR Notice of Proposed Rulemaking
 NRDC National Resources Defense Council
 NRECA National Rural Electric Cooperative Association
 NWPPC Northwest Power Planning Commission
 NYSEO New York State Energy Office
 OMB Office of Management and Budget
 ORNL Oak Ridge National Laboratory
 OIRA Office of Information and Regulatory Affairs
 PG&E Pacific Gas and Electric
 SoCal Southern California Edison
 TECo Tampa Electric Co.
 UL Underwriters Laboratories

List of Subjects in 10 CFR Part 430

Administrative practice and procedure, Energy conservation, Household appliances.

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In consideration of the foregoing, it is proposed to amend part 430 of chapter II of title 10, Code of Federal Regulations, as set forth below.

PART 430—ENERGY CONSERVATION PROGRAM FOR CONSUMER PRODUCTS

1. The authority citation for part 430 continues to read as follows:

Authority: 42 U.S.C. 6291–6309.

2. Section 430.2 Definitions is amended by adding the following definitions:

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Compact refrigerator/refrigerator-freezer/freezer means any refrigerator, refrigerator-freezer or freezer with total volume less than 7.75 cubic feet (220 liters) (rated volume as determined in Appendix A1 and B1 of subpart B of this part) and 36 inches (0.91 meters) or less in height.

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HCFC-free means any product which contains 10 percent or less by mass hydrochlorofluorocarbon in the blowing agent portion of the foam insulation used in the product.

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3. Section 430.32 is amended by revising paragraph (a) to read as follows:

§ 430.32 Energy conservation standards and effective dates.

The energy conservation standards for the covered product classes are:

(a) *Refrigerators/refrigerator-freezers/freezers.* These standards do not apply to refrigerators and refrigerator-freezers with total refrigerated volume exceeding 39 cubic feet (1104 liters) or freezers with total refrigerated volume exceeding 30 cubic feet (850 liters).

(1) Refrigerators/refrigerator-freezers/freezers which contain HCFCs

Product class	Energy standards equations (Kwh/yr) effective dates	
	Jan. 1, 1993	3 years after publication of final rule
1. Refrigerators and Refrigerator-freezers with manual defrost	13.5AV + 299 0.48av + 299	8.82AV + 248.4 0.31av + 248.4
2. Refrigerator-Freezer—partial automatic defrost	10.4AV + 398 0.37av + 398	8.82AV + 248.4 0.31av + 248.4
3. Refrigerator-Freezers—automatic defrost with top-mounted freezer without through-the-door ice service and all Refrigerators—automatic defrost and: All-refrigerators with automatic defrost	16.0AV + 355 0.57av + 355	9.80AV + 276.0 0.35av + 276.0
4. Refrigerator-Freezers—automatic defrost with side-mounted freezer without through-the-door ice service	11.8AV + 501 0.42av + 501	4.91AV + 507.5 0.17av + 507.5
5. Refrigerator-Freezers—automatic defrost with bottom-mounted freezer without through-the-door ice service	16.5AV + 367 0.58av + 367	4.60AV + 459.0 0.16av + 459.0
6. Refrigerator-Freezers—automatic defrost with top-mounted freezer with through-the-door ice service	17.6AV + 391 0.62av + 391	10.20AV + 356.0 0.36av + 356.0
7. Refrigerator-Freezers—automatic defrost with side-mounted freezer with through-the-door ice service	16.3AV + 527 0.58av + 527	10.10AV + 406.0 0.36av + 406.0