

(2) In developing such recommendations, the Secretary shall consult with the heads of other federal¹ agencies, including the Administrator of the Environmental Protection Agency; State officials; manufacturers, suppliers, and installers of plumbing products; and other interested parties.

(Pub. L. 94-163, title III, §337, Dec. 22, 1975, 89 Stat. 931; Pub. L. 95-619, title VI, §691(b)(2), Nov. 9, 1978, 92 Stat. 3288; Pub. L. 102-486, title I, §123(i), Oct. 24, 1992, 106 Stat. 2831.)

AMENDMENTS

1992—Pub. L. 102-486 designated existing provisions as subsec. (a), inserted heading, and added subsec. (b).

1978—Pub. L. 95-619 substituted “Secretary” for “Administrator”, meaning Administrator of the Federal Energy Administration, wherever appearing.

§ 6308. Annual report

The Secretary shall report to the Congress and the President either (1) as part of his annual report, or (2) in a separate report submitted annually, on the progress of the program undertaken pursuant to this part and on the energy savings impact of this part. Each such report shall specify the actions undertaken by the Secretary in carrying out this part during the period covered by such report, and those actions which the Secretary was required to take under this part during such period but which were not taken, together with the reasons therefor. Nothing in this section provides a defense or justification for a failure by the Secretary to comply with a non-discretionary duty as provided for in this part.

(Pub. L. 94-163, title III, §338, Dec. 22, 1975, 89 Stat. 932; Pub. L. 95-619, title IV, §425(h), title VI, §691(b)(2), Nov. 9, 1978, 92 Stat. 3266, 3288; Pub. L. 100-12, §10, Mar. 17, 1987, 101 Stat. 124.)

AMENDMENTS

1987—Pub. L. 100-12 inserted at end “Nothing in this section provides a defense or justification for a failure by the Secretary to comply with a nondiscretionary duty as provided for in this part.”

1978—Pub. L. 95-619 inserted requirement that each report under this section should account for actions taken by the Secretary, as well as actions not taken, during the covered period in carrying out this part and substituted “Secretary” for “Administrator”, meaning Administrator of the Federal Energy Administration.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 6294 of this title.

§ 6309. Authorization of appropriations

(a) Authorizations for Secretary

There are authorized to be appropriated to the Secretary not more than the following amounts to carry out his responsibilities under this part—

- (1) \$1,700,000 for fiscal year 1976;
- (2) \$1,500,000 for fiscal year 1977;
- (3) \$3,300,000 for fiscal year 1978; and
- (4) \$10,000,000 for fiscal year 1979.

Amounts authorized for such purposes under paragraph (3) shall be in addition to amounts otherwise authorized and appropriated for such purposes.

¹ So in original. Probably should be capitalized.

(b) Authorizations for Commission

There are authorized to be appropriated to the Commission not more than the following amounts to carry out its responsibilities under this part—

- (1) \$650,000 for fiscal year 1976;
- (2) \$700,000 for fiscal year 1977;
- (3) \$700,000 for fiscal year 1978; and
- (3)¹ \$2,000,000 for fiscal year 1979.

(c) Other authorizations

There are authorized to be appropriated to the Secretary to be allocated not more than the following amounts—

- (1) \$1,100,000 for fiscal year 1976;
- (2) \$2,500,000 for fiscal year 1977; and
- (3) \$1,800,000 for fiscal year 1978.

Such amounts shall, and any amounts authorized to be appropriated under subsection (a) of this section, may be allocated by the Secretary to the National Institute of Standards and Technology.

(Pub. L. 94-163, title III, §339, Dec. 22, 1975, 89 Stat. 932; Pub. L. 95-70, §3, July 21, 1977, 91 Stat. 276; Pub. L. 95-619, title IV, §426, title VI, §691(b)(2), Nov. 9, 1978, 92 Stat. 3267, 3288; Pub. L. 100-12, §11(b)(8), Mar. 17, 1987, 101 Stat. 126; Pub. L. 100-418, title V, §5115(c), Aug. 23, 1988, 102 Stat. 1433.)

AMENDMENTS

1988—Subsec. (c). Pub. L. 100-418 substituted “National Institute of Standards and Technology” for “National Bureau of Standards” in closing provisions.

1987—Pub. L. 100-12 inserted headings for subsecs. (a) to (c).

1978—Subsec. (a). Pub. L. 95-619, §§426(a), 691(b)(2), substituted “Secretary” for “Administrator”, meaning Administrator of the Federal Energy Administration, in text preceding par. (1), “\$3,300,000” for “\$1,500,000” in par. (3), added par. (4), and provided that amounts authorized under par. (3) would be in addition to amounts otherwise authorized and appropriated.

Subsec. (b)(3). Pub. L. 95-619, §426(b), added second par. (3) relating to fiscal year 1979.

Subsec. (c). Pub. L. 95-619, §691(b)(2), substituted “Secretary” for “Administrator”.

1977—Subsec. (c)(2). Pub. L. 95-70, §3(a), substituted “\$2,500,000” for “\$700,000”.

Subsec. (c)(3). Pub. L. 95-70, §3(b), substituted “\$1,800,000” for “\$700,000”.

PART A-1—CERTAIN INDUSTRIAL EQUIPMENT

CODIFICATION

This part was, in the original, designated part C and has been changed to part A-1 for purposes of codification.

§ 6311. Definitions

For purposes of this part—

(1) The term “covered equipment” means one of the following types of industrial equipment:

- (A) Electric motors and pumps.
- (B) Small commercial package air conditioning and heating equipment.
- (C) Large commercial package air conditioning and heating equipment.
- (D) Packaged terminal air-conditioners and packaged terminal heat pumps.

¹ So in original. Probably should be designated “(4)”.

(E) Warm air furnaces and packaged boilers.

(F) Storage water heaters, instantaneous water heaters, and unfired hot water storage tanks.

(G) Any other type of industrial equipment which the Secretary classifies as covered equipment under section 6312(b) of this title.

(2)(A) The term “industrial equipment” means any article of equipment referred to in subparagraph (B) of a type—

(i) which in operation consumes, or is designed to consume, energy;

(ii) which, to any significant extent, is distributed in commerce for industrial or commercial use; and

(iii) which is not a “covered product” as defined in section 6291(a)(2) of this title, other than a component of a covered product with respect to which there is in effect a determination under section 6312(c) of this title;

without regard to whether such article is in fact distributed in commerce for industrial or commercial use.

(B) The types of equipment referred to in this subparagraph (in addition to electric motors and pumps, small and large commercial package air conditioning and heating equipment, packaged terminal air-conditioners, packaged terminal heat pumps, warm air furnaces, packaged boilers, storage water heaters, instantaneous water heaters, and unfired hot water storage tanks) are as follows:

- (i) compressors;
- (ii) fans;
- (iii) blowers;
- (iv) refrigeration equipment;
- (v) electric lights;
- (vi) electrolytic equipment;
- (vii) electric arc equipment;
- (viii) steam boilers;
- (ix) ovens;
- (x) kilns;
- (xi) evaporators; and
- (xii) dryers.

(3) The term “energy efficiency” means the ratio of the useful output of services from an article of industrial equipment to the energy use by such article, determined in accordance with test procedures under section 6314 of this title.

(4) The term “energy use” means the quantity of energy directly consumed by an article of industrial equipment at the point of use, determined in accordance with test procedures established under section 6314 of this title.

(5) The term “manufacturer” means any person who manufactures industrial equipment.

(6) The term “label” may include any printed matter determined appropriate by the Secretary.

(7) The terms “energy”, “manufacture”, “import”, “importation”, “consumer product”, “distribute in commerce”, “distribution in commerce”, and “commerce” have the same meaning as is given such terms in section 6291 of this title.

(8) The term “small commercial package air conditioning and heating equipment” means

air-cooled, water-cooled, evaporatively-cooled, or water source (not including ground water source) electrically operated, unitary central air conditioners and central air conditioning heat pumps for commercial application which are rated below 135,000 Btu per hour (cooling capacity).

(9) The term “large commercial package air conditioning and heating equipment” means air-cooled, water-cooled, evaporatively-cooled, or water source (not including ground water source) electrically operated, unitary central air conditioners and central air conditioning heat pumps for commercial application which are rated at or above 135,000 Btu per hour and below 240,000 Btu per hour (cooling capacity).

(10)(A) The term “packaged terminal air conditioner” means a wall sleeve and a separate unencased combination of heating and cooling assemblies specified by the builder and intended for mounting through the wall. It includes a prime source of refrigeration, separable outdoor louvers, forced ventilation, and heating availability by builder’s choice of hot water, steam, or electricity.

(B) The term “packaged terminal heat pump” means a packaged terminal air conditioner that utilizes reverse cycle refrigeration as its prime heat source and should have supplementary heat source available to builders with the choice of hot water, steam, or electric resistant heat.

(11)(A) The term “warm air furnace” means a self-contained oil- or gas-fired furnace designed to supply heated air through ducts to spaces that require it and includes combination warm air furnace/electric air conditioning units but does not include unit heaters and duct furnaces.

(B) The term “packaged boiler” means a boiler that is shipped complete with heating equipment, mechanical draft equipment, and automatic controls; usually shipped in one or more sections.

(12)(A) The term “storage water heater” means a water heater that heats and stores water within the appliance at a thermostatically controlled temperature for delivery on demand. Such term does not include units with an input rating of 4000 Btu per hour or more per gallon of stored water.

(B) The term “instantaneous water heater” means a water heater that has an input rating of at least 4000 Btu per hour per gallon of stored water.

(C) The term “unfired hot water storage tank” means a tank used to store water that is heated externally.

(13)(A) The term “electric motor” means any motor which is a general purpose T-frame, single-speed, foot-mounting, polyphase squirrel-cage induction motor of the National Electrical Manufacturers Association, Design A and B, continuous rated, operating on 230/460 volts and constant 60 Hertz line power as defined in NEMA Standards Publication MG1-1987.

(B) The term “definite purpose motor” means any motor designed in standard ratings with standard operating characteristics or standard mechanical construction for use

under service conditions other than usual or for use on a particular type of application and which cannot be used in most general purpose applications.

(C) The term “special purpose motor” means any motor, other than a general purpose motor or definite purpose motor, which has special operating characteristics or special mechanical construction, or both, designed for a particular application.

(D) The term “open motor” means a motor having ventilating openings which permit passage of external cooling air over and around the windings of the machine.

(E) The term “enclosed motor” means a motor so enclosed as to prevent the free exchange of air between the inside and outside of the case but not sufficiently enclosed to be termed airtight.

(F) The term “small electric motor” means a NEMA general purpose alternating current single-speed induction motor, built in a two-digit frame number series in accordance with NEMA Standards Publication MG1-1987.

(G) The term “efficiency” when used with respect to an electric motor means the ratio of an electric motor’s useful power output to its total power input, expressed in percentage.

(H) The term “nominal full load efficiency” means the average efficiency of a population of motors of duplicate design as determined in accordance with NEMA Standards Publication MG1-1987.

(I) The term “ASHRAE” means the American Society of Heating, Refrigerating, and Air Conditioning Engineers.

(J) The term “IES” means the Illuminating Engineering Society of North America.

(K) The term “NEMA” means the National Electrical Manufacturers Association.

(L) The term “IEEE” means the Institute of Electrical and Electronics Engineers.

(M) The term “energy conservation standard” means—

(A) a performance standard that prescribes a minimum level of energy efficiency or a maximum quantity of energy use for a product; or

(B) a design requirement for a product.

(Pub. L. 94-163, title III, §340, as added Pub. L. 95-619, title IV, §441(a), Nov. 9, 1978, 92 Stat. 3267; amended Pub. L. 102-486, title I, §122(a), (f)(1), Oct. 24, 1992, 106 Stat. 2806, 2817.)

AMENDMENTS

1992—Par. (1)(B) to (G). Pub. L. 102-486, §122(a)(1), added subpars. (B) to (F) and redesignated former subpar. (B) as (G).

Par. (2)(B). Pub. L. 102-486, §122(a)(2), in introductory provisions, substituted “pumps, small and large commercial package air conditioning and heating equipment, packaged terminal air-conditioners, packaged terminal heat pumps, warm air furnaces, packaged boilers, storage water heaters, instantaneous water heaters, and unfired hot water storage tanks)” for “pumps”, redesignated cls. (vi) to (x) and (xii) to (xiv) as cls. (v) to (ix) and (x) to (xii), respectively, and struck out former cls. (v) and (xi) which read “air conditioning equipment;” and “furnaces;”, respectively.

Par. (3). Pub. L. 102-486, §122(f)(1), substituted “(3) The” for “(3) the”.

Pars. (8) to (18). Pub. L. 102-486, §122(a)(3), added pars. (8) to (18).

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 6312, 6316, 6317 of this title.

§ 6312. Purposes and coverage

(a) Congressional statement of purpose

It is the purpose of this part to improve the efficiency of electric motors and pumps and certain other industrial equipment in order to conserve the energy resources of the Nation.

(b) Inclusion of industrial equipment as covered equipment

The Secretary may, by rule, include a type of industrial equipment as covered equipment if he determines that to do so is necessary to carry out the purposes of this part.

(c) Inclusion of component parts of consumer products as industrial equipment

The Secretary may, by rule, include as industrial equipment articles which are component parts of consumer products, if he determines that—

(1) such articles are, to a significant extent, distributed in commerce other than as component parts for consumer products; and

(2) such articles meet the requirements of section 6311(2)(A) of this title (other than clauses (ii) and (iii)).

(Pub. L. 94-163, title III, §341, as added Pub. L. 95-619, title IV, §441(a), Nov. 9, 1978, 92 Stat. 3268.)

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 6311 of this title.

§ 6313. Standards

(a) Small and large commercial package air conditioning and heating equipment, packaged terminal air conditioners and heat pumps, warm-air furnaces, packaged boilers, storage water heaters, instantaneous water heaters, and unfired hot water storage tanks

(1) Each small commercial package air conditioning and heating equipment manufactured on or after January 1, 1994, shall meet the following standard levels:

(A) The minimum seasonal energy efficiency ratio of air-cooled three-phase electric central air conditioners and central air conditioning heat pumps less than 65,000 Btu per hour (cooling capacity), split systems, shall be 10.0.

(B) The minimum seasonal energy efficiency ratio of air-cooled three-phase electric central air conditioners and central air conditioning heat pumps less than 65,000 Btu per hour (cooling capacity), single package, shall be 9.7.

(C) The minimum energy efficiency ratio of air-cooled central air conditioners and central air conditioning heat pumps at or above 65,000 Btu per hour (cooling capacity) and less than 135,000 Btu per hour (cooling capacity) shall be 8.9 (at a standard rating of 95 degrees F db).

(D) The minimum heating seasonal performance factor of air-cooled three-phase electric central air conditioning heat pumps less than 65,000 Btu per hour (cooling capacity), split systems, shall be 6.8.

(E) The minimum heating seasonal performance factor of air-cooled three-phase electric