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107TH CONGRESS
1ST SESSION

# H. R. 2516

To enhance the Federal Government's leadership role in energy efficiency by requiring Federal agencies to acquire central air conditioners and heat pumps that meet or exceed certain efficiency standards.

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IN THE HOUSE OF REPRESENTATIVES

JULY 17, 2001

Mr. BARRETT of Wisconsin (for himself, Mr. BOUCHER, Mr. BROWN of Ohio, Mrs. CAPPS, Mr. DINGELL, Mr. DOYLE, Mr. ENGEL, Mr. LUTHER, Ms. MCCARTHY of Missouri, Mr. MARKEY, Mr. PALLONE, Mr. RUSH, Mr. STRICKLAND, Mr. TOWNS, and Mr. WAXMAN) introduced the following bill; which was referred to the Committee on Government Reform, and in addition to the Committee on Energy and Commerce, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned

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# A BILL

To enhance the Federal Government's leadership role in energy efficiency by requiring Federal agencies to acquire central air conditioners and heat pumps that meet or exceed certain efficiency standards.

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,*

**SECTION 1. SHORT TITLE.**

This Act may be cited as the "Air Conditioner Energy Efficiency Leadership Act".

**SEC. 2. CENTRAL AIR CONDITIONER AND HEAT PUMP EFFICIENCY.**

(a) REQUIREMENT.—Federal agencies shall be required to acquire central air conditioners and heat pumps that meet or exceed the standards established under subsection (b) or (c) as follows:

(1) Any central air conditioner or heat pump acquired after September 30, 2001, for use by the Federal Government in California, Washington, Oregon, Nevada, Idaho, Montana, Wyoming, Utah, Colorado, Arizona, or New Mexico shall be subject to the requirement of this paragraph.

(2) Any central air conditioner or heat pump acquired after January 1, 2003, for use by the Federal Government at any location shall be subject to the requirement of this paragraph.

(b) STANDARDS.—The standards referred to in subsection (a) are the following:

(1) For air-cooled air conditioners with cooling capacities of less than 65,000 Btu/hour, an Energy Efficiency Ratio of 11.3 at 95 degrees Fahrenheit and a Seasonal Energy Efficiency Ratio of 13.0.

(2) For air-cooled air conditioners with cooling capacities of between 65,000 Btu/hour and 135,000 Btu/hour, an Energy Efficiency Ratio of 11.0 at 95 degrees Fahrenheit.

(3) For air-cooled air conditioners with cooling capacities of between 135,000 Btu/hour and 240,000 Btu/hour, an Energy Efficiency Ratio of 10.8 at 95 degrees Fahrenheit.

(4) For air-source heat pumps with cooling capacities of less than 65,000 Btu/hour, an Energy Efficiency Ratio of 11.3 at 95 degrees Fahrenheit, a Seasonal Energy Efficiency Ratio of 13.0, and a Heating Seasonal Performance Factor of 7.9.

(5) For air-source heat pumps with cooling capacities of between 65,000 Btu/hour and 135,000 Btu/hour, an Energy Efficiency Ratio of 11.0 at 95 degrees Fahrenheit, a Coefficient of Performance of 3.4 at 47 degrees Fahrenheit, and a Coefficient of Performance of 2.4 at 17 degrees Fahrenheit.

(6) For air-source heat pumps with cooling capacities of between 135,000 Btu/hour and 240,000 Btu/hour, an Energy Efficiency Ratio of 10.8 at 95 degrees Fahrenheit, a Coefficient of Performance of 3.3 at 47 degrees Fahrenheit, and a Coefficient of Performance of 2.2 at 17 degrees Fahrenheit.

(c) MODIFIED STANDARDS.—The Secretary of Energy may establish, after appropriate notice and comment, revised standards providing for reduced energy consumption or increased energy efficiency of central air condi-

tioners and heat pumps acquired by the Federal Government, but may not establish standards less rigorous than those established by subsection (b).

(d) DEFINITIONS.—For purposes of this subsection, the terms ''Energy Efficiency Ratio'', ''Seasonal Energy Efficiency Ratio'', ''Heating Seasonal Performance Factor'', and ''Coefficient of Performance'' have the meanings used for those terms in Appendix M to Subpart B of Part 430 of title 10 of the Code of Federal Regulations, as in effect on May 24, 2001.

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