

117TH CONGRESS  
2D SESSION

**S.** \_\_\_\_\_

To amend the Energy Policy and Conservation Act to provide that consumer room air cleaners are covered products to which certain energy conservation standards apply, and for other purposes.

---

IN THE SENATE OF THE UNITED STATES

---

Mrs. SHAHEEN introduced the following bill; which was read twice and referred to the Committee on \_\_\_\_\_

---

## **A BILL**

To amend the Energy Policy and Conservation Act to provide that consumer room air cleaners are covered products to which certain energy conservation standards apply, and for other purposes.

1       *Be it enacted by the Senate and House of Representa-*  
2       *tives of the United States of America in Congress assembled,*

3       **SECTION 1. DEFINITIONS.**

4       Section 321 of the Energy Policy and Conservation  
5       Act (42 U.S.C. 6291) is amended by adding at the end  
6       the following:

7               “(67) CONSUMER ROOM AIR CLEANER.—

1           “(A) IN GENERAL.—The term ‘consumer  
2 room air cleaner’ means a consumer product for  
3 improving air quality that—

4           “(i) is an electrically powered, self-  
5 contained, mechanically encased assembly;  
6 and

7           “(ii) contains means to remove, de-  
8 stroy, or deactivate particulates, volatile  
9 organic compounds, or microorganisms  
10 from the air.

11           “(B) INCLUSIONS.—The term ‘consumer  
12 room air cleaner’ includes—

13           “(i) conventional room air cleaners;  
14 and

15           “(ii) miscellaneous room air cleaners.

16           “(C) EXCLUSIONS.—The term ‘consumer  
17 room air cleaner’ does not include—

18           “(i) a central air conditioner, room air  
19 conditioner, portable air conditioner, dehu-  
20 midifier, or furnace (as those terms are de-  
21 fined in section 430.2 of title 10, Code of  
22 Federal Regulations (as in effect on the  
23 date of enactment of this paragraph)); or

24           “(ii) a duct type device.

1           “(68) CONVENTIONAL ROOM AIR CLEANER.—

2           The term ‘conventional room air cleaner’ means a  
3           consumer room air cleaner that—

4                   “(A) is a portable or wall-mounted (fixed)  
5           unit;

6                   “(B) plugs into an electrical outlet;

7                   “(C) operates with a fan for air circula-  
8           tion; and

9                   “(D) contains a means to remove, destroy,  
10          or deactivate particulates.

11          “(69) DUCT TYPE DEVICE.—The term ‘duct  
12          type device’ means an air cleaner that—

13                   “(A) is designed and marketed exclusively  
14          for use in and at adjoining ducts, including the  
15          plenum, of heating, air conditioning, and ven-  
16          tilating systems; and

17                   “(B) is either cord-and-plug connected or  
18          permanently connected to the electrical supply  
19          source.

20          “(70) MISCELLANEOUS ROOM AIR CLEANER.—

21          The term ‘miscellaneous room air cleaner’ means  
22          any consumer room air cleaner that is not a conven-  
23          tional room air cleaner.”.

1   **SEC. 2. COVERAGE OF CONSUMER ROOM AIR CLEANERS.**

2           Section 322(a) of the Energy Policy and Conserva-  
3   tion Act (42 U.S.C. 6292(a)) is amended—

4           (1) by redesignating paragraph (20) as para-  
5           graph (21); and

6           (2) by inserting after paragraph (19) the fol-  
7   lowing:

8           “(20) Consumer room air cleaners.”.

9   **SEC. 3. TEST PROCEDURES.**

10          Section 323(b) of the Energy Policy and Conserva-  
11   tion Act (42 U.S.C. 6293(b)) is amended by adding at  
12   the end the following:

13          “(19) CONVENTIONAL ROOM AIR CLEANERS.—

14               “(A) For compliance with the standards  
15               under section 325(ii)(1), the test procedure  
16               shall be AHAM AC–7–2022, and section 6.2 of  
17               ANSI/AHAM AC–1–2020 for Dust CADR and  
18               section 5.2 of ANSI/AHAM AC–1–2020 for  
19               Smoke CADR may be applied for the calcula-  
20               tion of PM<sub>2.5</sub>.

21               “(B) For compliance with the standards  
22               under section 325(ii)(2), the test procedure  
23               shall be AHAM AC–7–2022.

24               “(C) When considering amended standards  
25               for conventional room air cleaners that replace  
26               the standards under section 325(ii)(2), the Sec-

1           retary shall consider amending the test proce-  
2           dure to include measurement of automatic  
3           mode, if such an inclusion would improve the  
4           accuracy of energy use measurements.”.

5   **SEC. 4. LABELING.**

6           Section 324(a) of the Energy Policy and Conserva-  
7   tion Act (42 U.S.C. 6294(a)) is amended—

8           (1) in paragraph (1), by striking “and (8)  
9           through (12)” and inserting “(8) through (12), and  
10          (20)”;

11          (2) in paragraph (5), by adding at the end the  
12          following:

13                 “(D) The Commission shall not require  
14                 compliance with labeling requirements under  
15                 this section for conventional room air cleaners  
16                 before December 31, 2025.”.

17   **SEC. 5. ENERGY CONSERVATION STANDARDS.**

18           Section 325 of the Energy Policy and Conservation  
19   Act (42 U.S.C. 6295) is amended—

20           (1) in subsection (m)(4)(A)(i), by inserting  
21           “consumer room air cleaners,” after “with respect  
22           to”;

23           (2) by redesignating subsection (ii) as sub-  
24           section (jj); and

1           (3) by inserting after subsection (hh) the fol-  
2       lowing:

3       “(ii) CONVENTIONAL ROOM AIR CLEANERS.—

4           “(1) IN GENERAL.—The following standards  
5       shall apply to conventional room air cleaners manu-  
6       factured during the period beginning on December  
7       31, 2023 and ending on December 30, 2025:

8           “(A) A conventional room air cleaner with  
9       a measured PM<sub>2.5</sub> CADR of greater than 9 and  
10      less than 100 shall meet or exceed an IEF of  
11      1.69 PM<sub>2.5</sub> CADR/Watt.

12          “(B) A conventional room air cleaner with  
13      a measured PM<sub>2.5</sub> CADR of greater than 99  
14      and less than 150 shall meet or exceed an IEF  
15      of 1.90 PM<sub>2.5</sub> CADR/Watt.

16          “(C) A conventional room air cleaner with  
17      a measured PM<sub>2.5</sub> CADR of 150 or greater  
18      shall meet or exceed an IEF of 2.01 PM<sub>2.5</sub>  
19      CADR/Watt.

20          “(2) SUBSEQUENT STANDARDS.—The following  
21      standards shall apply to conventional room air clean-  
22      ers manufactured on or after December 31, 2025:

23          “(A) A conventional room air cleaner with  
24      a measured PM<sub>2.5</sub> CADR of greater than 9 and

1 less than 100 shall meet or exceed an IEF of  
2 1.89 PM<sub>2.5</sub> CADR/Watt.

3 “(B) A conventional room air cleaner with  
4 a measured PM<sub>2.5</sub> CADR of greater than 99  
5 and less than 150 shall meet or exceed an IEF  
6 of 2.39 PM<sub>2.5</sub> CADR/Watt.

7 “(C) A conventional room air cleaner with  
8 a measured PM<sub>2.5</sub> CADR of 150 or greater  
9 shall meet or exceed an IEF of 2.91 PM<sub>2.5</sub>  
10 CADR/Watt.”.

11 **SEC. 6. PREEMPTION.**

12 Subsection (jj) of section 325 of the Energy Policy  
13 and Conservation Act (42 U.S.C. 6295) (as redesignated  
14 by section 5(2)) is amended—

15 (1) in paragraph (1), by striking “; and” at the  
16 end and inserting a semicolon;

17 (2) in paragraph (2), by striking the period at  
18 the end and inserting “; and”; and

19 (3) by adding at the end the following:

20 “(3) beginning on December 31, 2023, to con-  
21 sumer room air cleaners, except that section  
22 327(a)(1)(B) shall apply to consumer room air  
23 cleaners beginning on the date of enactment of this  
24 paragraph.”.

1   **SEC. 7. CONFORMING AMENDMENTS.**

2           (a) Section 321(6)(B) of the Energy Policy and Con-  
3   servation Act (42 U.S.C. 6291(6)(B)) is amended by strik-  
4   ing “(20)” and inserting “(21)”.

5           (b) Section 324 of the Energy Policy and Conserva-  
6   tion Act (42 U.S.C. 6294) is amended by striking “(20)”  
7   each place it appears (other than in subsection (a)(1) (as  
8   amended by section 4(1))) and inserting “(21)”.

9           (c) Section 325 of the Energy Policy and Conserva-  
10   tion Act (42 U.S.C. 6295) is amended by striking “(20)”  
11   each place it appears and inserting “(21)”.

12   **SEC. 8. OTHER AIR CLEANERS.**

13           Nothing in this Act affects the authority of the Sec-  
14   retary of Energy to regulate air cleaners (as defined in  
15   section 430.2 of title 10 of the Code of Federal Regula-  
16   tions (as in effect on the date of enactment of this Act)),  
17   other than consumer room air cleaners (as defined in sec-  
18   tion 321 of the Energy Policy and Conservation Act (42  
19   U.S.C. 6291)).