

## Chapter 180: Appliance Efficiency Standards

**SUMMARY:** This Chapter establishes minimum efficiency standards and water conservation standards for certain appliances, products, and fixtures in accordance with the provisions of Public Law 2021, Chapter 433. The standards established herein are intended to operate in conjunction with the efforts of other states to reduce energy and water consumption. By coordinating standards and prohibitions, the impact on manufacturers will be minimized. The reduced demand resulting from implementation of this rule will help Maine meet the greenhouse gas reduction goals established in 38 M.R.S. § 576-A.

### 1. Applicability

This Chapter applies to any person who sells or offers for sale in Maine any of the following products regulated under section 3 below.

- (A) Computers and computer monitors;
- (B) General service lamps;
- (C) Commercial hot food holding cabinets;
- (D) Plumbing fittings that are showerheads, lavatory faucets, kitchen faucets, public lavatory faucets, metering faucets, kitchen replacement aerators or lavatory replacement aerators;
- (E) Plumbing fixtures that are water closets or urinals;
- (F) Portable electric spas;
- (G) Spray sprinkler bodies; or
- (H) Water dispensers.

### 2. Definitions

Terms used in this Chapter, unless specifically defined below or unless the context otherwise indicates, have the same meaning as defined in the California Code of Regulations (CCR), Title 20, Section 1602 as it was in effect on December 1, 2021.

**A. Department.** "Department" means the Department of Environmental Protection.

**B. General service lamps.** "General service lamps" means medium-base incandescent light bulbs that are:

- (1) reflector lamps that are ER30, BR30, BR40 or ER40 lamps rated at 50 watts or less;
- (2) reflector lamps that are BR30, BR40 or ER40 lamps rated at 65 watts;
- (3) reflector lamps that are R20 lamps rated at 45 watts or less;
- (4) B, BA, CA, F and G shape lamps as defined in ANSI standard C79.1-2002 with a lumen output greater than or equal to 200 and rated at 40 watts or less;
- (5) A and C shape lamps as defined in ANSI standard C79.1-2002 with a lumen output greater than or equal to 200 and less than 310;
- (6) shatter-resistant lamps; or
- (7) 3-way lamps.

**C. Used.** "Used" means the condition of an appliance, product, or fixture regulated under this Chapter resulting from that appliance, product, or fixture having been purchased and subsequently installed and operated for its intended purpose by at least one owner or user. Used does not apply to

an appliance, product, or fixture that has been returned to a retailer or that is otherwise offered for resale due to a purchaser's dissatisfaction with color, size, style, or any other aspect of the unit without the unit having been installed and operated.

### **3. Prohibitions**

Effective January 1, 2023, no person may sell or offer for sale in the State of Maine any of the following products that do not meet the listed standards for that product.

#### **A. Computers and computer monitors.**

Computers and computer monitors shall meet the requirements of CCR Title 20, Section 1605.3(v), as in effect on December 1, 2021. Compliance with those requirements shall be as measured in accordance with test methods prescribed in § 1604(v) of those regulations.

#### **B. General service lamps.**

General service lamps shall meet or exceed a lamp efficiency of 45 lumens per watt, when tested in accordance with the applicable federal test procedures for general service lamps, prescribed in Section 430.23 (gg) of Title 10 of the Code of Federal Regulations (CFR).

#### **C. Commercial hot food holding cabinets.**

Commercial hot food holding cabinets shall meet the qualification criteria of the ENERGY STAR Program Requirements Product Specification for Commercial Hot Food Holding Cabinets, Version 2.0, effective October 1, 2011.

#### **D. Plumbing fittings.**

Plumbing fittings that are showerheads, lavatory faucets, kitchen faucets, public lavatory faucets, metering faucets, kitchen replacement aerators and lavatory replacement aerators shall meet the standards set forth in 20 CCR § 1605.3 as they were in effect on December 1, 2021.

#### **E. Plumbing fixtures.**

Plumbing fixtures that are water closets and urinals, other than those designed and marketed exclusively for use at prisons or mental health facilities, shall meet the standards shown in subparagraphs (1) to (5) when tested in accordance with Appendix T to Subpart B of Part 430 of Title 10 of the CFR, "Uniform Test Method for Measuring the Water Consumption of Water Closets and Urinals," as they were in effect on January 1, 2020.

- (1) Wall-mounted urinals, except for trough-type urinals, shall have a maximum flush volume of 0.5 gallons per flush.
- (2) Floor-mounted urinals, except for trough-type urinals, shall have a maximum flush volume of 0.5 gallons per flush.
- (3) Water closets, except for dual-flush tank-type water closets, shall have a maximum flush volume of 1.28 gallons per flush.
- (4) Dual-flush tank-type water closets shall have a maximum dual flush effective flush volume of 1.28 gallons per flush.
- (5) Trough-type urinals shall have a maximum flush volume in gallons equal to one-sixteenth the number of inches of trough length.

#### **F. Portable electric spas.**

Portable electric spas shall meet the requirements of the “American National Standard for Portable Electric Spa Energy Efficiency” (ANSI/APSP/ICC 14-2019), effective September 12, 2014.

#### **G. Spray sprinkler bodies.**

Spray sprinkler bodies that are not specifically excluded from the scope of the WaterSense Specification for Spray Sprinkler Bodies, Version 1.0, published by the US EPA on September 21, 2017, shall include an integral pressure regulator and shall meet the water efficiency and performance criteria and other requirements of that specification.

#### **H. Water dispensers.**

Water coolers shall have on mode with no water draw energy consumption less than or equal the following values as measured in accordance with the test criteria prescribed in Version 2.0 of the ENERGY STAR program product specifications for water coolers, effective February 1, 2014:

- (1) 0.16 kilowatt-hours per day for cold-only units and cook-and-cold units;
- (2) 0.87 kilowatt-hours per day for storage type hot-and-cold units; and
- (3) 0.18 kilowatt-hours per day for on demand hot-and-cold units.

#### **4. Exemptions.**

This Chapter does not apply to any appliance or product listed in section 1 of this Chapter that was manufactured before January 1, 2023, or that is sold or offered for sale in the State in used condition. An appliance or product listed in section 1 is exempt from the prohibitions in this Chapter if state regulation of the appliance or product is preempted by federal statute or regulation, for as long as that federal preemption remains in effect.