

**PROPOSED REGULATION OF THE
DIRECTOR OF THE OFFICE OF ENERGY**

LCB File No. R168-22

December 2, 2022

EXPLANATION – Matter in *italics* is new; matter in brackets [~~omitted material~~] is material to be omitted.

AUTHORITY: §§ 1 and 2, NRS 701.768; §§ 3 and 4, NRS 701.768 and 701.774.

A REGULATION relating to energy; establishing minimum standards of energy efficiency for certain appliances; adopting provisions governing the certification of compliance with standards of energy efficiency for appliances; establishing provisions governing the labeling of certain appliances; and providing other matters properly relating thereto.

Legislative Counsel’s Digest:

Existing law requires the Director of the Office of Energy to adopt regulations establishing minimum standards of energy efficiency for certain appliances sold, leased or rented in this State and methods for verifying whether appliances comply with those standards. (NRS 701.768) **Section 2** of this regulation establishes minimum standards of energy efficiency for such appliances.

Existing law requires a manufacturer of a new regulated appliance or a new appliance for which the Director has adopted a minimum standard of energy efficiency, before the appliance is made available for sale, lease or rent in this State, to submit to the Director a certification which demonstrates that the appliance complies with the minimum standard of energy efficiency for that appliance. (NRS 701.774) **Section 3** of this regulation requires the certification to be in such form as the Director prescribes.

Existing law requires a manufacturer to ensure that a new appliance includes a mark, label or tag on the product and packaging of the appliance which identifies the appliance as meeting the standards of energy efficiency established by the Director. (NRS 701.774) **Section 4** of this regulation authorizes a manufacturer of an appliance to comply with this requirement by using an existing mark, label or tag that connotes compliance with the energy efficiency standards for the appliance.

Section 1. Chapter 701 of NAC is hereby amended by adding thereto the provisions set forth as sections 2, 3 and 4 of this regulation.

Sec. 2. *For the purposes of NRS 701.768, the minimum standards of energy efficiency for regulated appliances are as follows:*

1. An air purifier which is not an industrial air purifier must meet the following requirements as measured in accordance with version 2.0 of the “ENERGY STAR Product Specification for Room Air Cleaners” adopted by the United States Environmental Protection Agency:

(a) The clean air delivery rate for smoke must be not less than 30 cubic feet per minute;

(b) For models with a clean air delivery rate for smoke that is less than 100 cubic feet per minute, the clean air delivery rate per watt for smoke must be not less than 1.7 cubic feet per minute;

(c) For models with a clean air delivery rate for smoke that is 100 or more but less than 150 cubic feet per minute, the clean air delivery rate per watt for smoke must be not less than 1.9 cubic feet per minute;

(d) For models with a clean air delivery rate for smoke that is 150 or more cubic feet per minute, the clean air delivery rate per watt for smoke must be not less than 2.0 cubic feet per minute;

(e) For ozone-emitting models, the measured ozone must be not more than 50 parts per billion;

(f) For models with a wireless fidelity network connection enabled by default when shipped, the energy consumed when in partial on mode power must be not more than 2 watts; and

(g) For models without a wireless fidelity network connection enabled by default when shipped, the energy consumed when in partial on mode power must be not more than 1 watt.

2. *Commercial dishwashers included in the scope of version 2.0 of the “ENERGY STAR Program Requirements Product Specification for Commercial Dishwashers” must meet the eligibility criteria of that specification.*

3. *Commercial fryers included in the scope of version 2.0 of the “ENERGY STAR Program Requirements Product Specification for Commercial Fryers” must meet the eligibility criteria of that specification.*

4. *Commercial hot food holding cabinets included in the scope of version 2.0 of the “ENERGY STAR Program Requirements Product Specification for Commercial Hot Food Holding Cabinets” must meet the eligibility criteria of that specification.*

5. *Commercial ovens included in the scope of version 2.2 of the “ENERGY STAR Program Requirements Product Specification for Commercial Ovens” must meet the eligibility criteria of that specification.*

6. *Commercial steam cookers included in the scope of version 1.2 of the “ENERGY STAR Program Requirements Product Specification for Commercial Steam Cookers” must meet the eligibility criteria of that specification.*

7. *Computers and computer monitors must meet the requirements set forth in section 1605.3(v) of Title 20 of the California Code of Regulations, as in effect on December 9, 2021, as tested in accordance with the testing method prescribed in section 1604(v) of Title 20 of the California Code of Regulations, as in effect on December 9, 2021.*

8. *Electric vehicle supply equipment included in the scope of version 1.0 of the “ENERGY STAR Program Requirements for Electric Vehicle Supply Equipment” must meet the eligibility criteria of that specification.*

9. *Gas fireplaces must:*

(a) Be capable of automatically extinguishing any pilot flame when the main gas burner flame is extinguished.

(b) Prevent any ignition source for the main gas burner flame from operating continuously for more than 7 days from the last use of the main gas burner.

(c) If the gas fireplace is a decorative gas fireplace, have a direct vent configuration, unless marked for replacement use only.

(d) If the gas fireplace is a heating gas fireplace, have a fireplace efficiency greater than or equal to 50 percent when tested in accordance with Standard No. P.4.1-15 of the Canadian Standards Association, "Testing Method for Measuring Annual Fireplace Efficiency."

10. High color rendering index fluorescent lamps, cold temperature fluorescent lamps and impact-resistant fluorescent lamps must meet the minimum efficacy requirements contained in 10 C.F.R. § 430.32(n)(4), as in effect on January 1, 2020, as measured in accordance with 10 C.F.R. Part 430, subpart B, Appendix R, "Uniform Test Method for Measuring Average Lamp Efficacy (LE), Color Rendering Index (CRI), and Correlated Color Temperature (CCT) of Electric Lamps," as in effect on January 1, 2020.

11. Portable electric spas must meet the requirements of the "American National Standard for Portable Electric Spa Energy Efficiency," ANSI/APSP/ICC 14-2019 of the Association of Pool and Spa Professionals.

12. In-line residential ventilating fans must have a fan motor efficacy of not less than 2.8 cubic feet per minute per watt.

13. Residential ventilating fans other than in-line residential ventilating fans must have a fan motor efficacy of not less than 1.4 cubic feet per minute per watt for airflows less than 90 cubic feet per minute and not less than 2.8 cubic feet per minute per watt for other airflows

when tested in accordance with HVI Publication 916, “HVI Airflow Test Procedure,” of the Home Ventilating Institute.

14. Water coolers included in the scope of version 2.0 of the “ENERGY STAR Program Requirements Product Specification for Water Coolers” must have an on mode with no water draw energy consumption of the following values as measured in accordance with the test requirements of that specification:

(a) Not more than 0.16 kilowatt-hours per day for cold only water coolers and cook and cold water coolers;

(b) Not more than 0.87 kilowatt-hours per day for storage-type hot and cold water coolers; and

(c) Not more than 0.18 kilowatt-hours per day for on demand hot and cold water coolers.

Sec. 3. A certification submitted by the manufacturer of a regulated appliance pursuant to NRS 701.774 must be in such form as the Director prescribes.

Sec. 4. A manufacturer may use any existing mark, label or tag which connotes compliance with the standards of energy efficiency adopted pursuant to NRS 701.768 and 701.770 to comply with the requirements of subsection 5 of NRS 701.774.