

# 2024 IECC

NBI, representing the California Statewide Utility Codes and Standards Team, has submitted public comments into the ICC process to advance the 2024 IECC. The proposed public comments cover a wide range of measures and improve the code by adding additional efficiency, clarifying requirements, and creating greater flexibility for code users and local jurisdictions. Learn more at [newbuildings.org/code\\_policy/2024-iecc-national-model-energy-code-base-codes](https://newbuildings.org/code_policy/2024-iecc-national-model-energy-code-base-codes).

Revise text as follows:

## Efficient Appliances Option in R408

NEW LANGUAGE IN RED FONT

**R408.2.5 Energy efficient appliances.** Appliances installed in a dwelling unit shall meet the product energy efficiency specifications listed in Table R408.2.6, or equivalent energy efficiency specifications. Not less than three appliance types from Table R408.2.6 shall be installed for compliance with this section.

**Table R408.2.6 MINIMUM EFFICIENCY REQUIREMENTS: APPLIANCES SPECIFICATION**  
**REFERENCE DOCUMENT**

Appliance	Efficiency Improvement	Test Procedure
Refrigerator	Energy Star Program Requirements, Product Specification for Consumer Refrigeration Products, Version 5.1 (08/05/2021) <u>Maximum Annual Energy Consumption (AEC)</u> <u>No greater than 620 kWh/yr</u>	<u>10 CFR 430, Subpart B, Appendix A.</u>
Dishwasher	Energy Star Program Requirements for Residential Dishwashers, Version 6.0 (01/29/2016)  <u>Maximum Annual Energy Consumption (AEC)</u> <u>No greater than 270 kWh/yr</u>	<u>10 CFR 430, Subpart B, Appendix C1</u>
Clothes dryer	Energy Star Program Requirements, Product Specification for Clothes Dryers, Version 1.1 (05/05/2017)	
Clothes Washer <u>and Clothes Dryer</u>	Energy Star Program Requirements, Product Specification for Clothes Washers, Version 8.1 (02/05/2018) <u>Maximum Annual Energy Consumption (AEC) for Clothes Washer<sup>a</sup></u> <u>No greater than 130 kWh/yr</u> <u>Integrated Modified Energy Factor (IMEF) &gt; 1.84 cu.ft/kWh/cycle</u>	<u>10 CFR 430 Subpart B, Appendix J2 and 10 CFR 430, Subpart B, Appendices D1 and D2</u>

a. Credit for Clothes Washer and Clothes Dryer pair is based on Clothes Washer efficiency

**Reason Statement:**

The objective of Section R408.2.5 was to encourage installation of appliances meeting ENERGY STAR criteria. Unfortunately, IECC does not allow direct reference to ENERGY STAR product specifications. The intent of the proposed change is to specify requirements which will meet the Energy Star product specification criteria in a way that is easily confirmed by a code official. Specifically, the proposed changes remove the reference to Energy Star program requirements and introduce maximum Annual Energy Consumption requirements for Refrigerators, Dishwashers and Clothes Washers and Clothes Dryers. Code officials will be able to readily confirm compliance by comparing the Annual Energy Consumption listed on the Energy Guide label of products in the building with these maximum Annual Energy Consumption requirements.