



ENERGY STAR®

Qualifying Criteria for Commercial Hot Food Holding Cabinets

A product must meet all of the identified criteria if it is to be labelled as ENERGY STAR by its manufacturer.

1) **Definitions:**

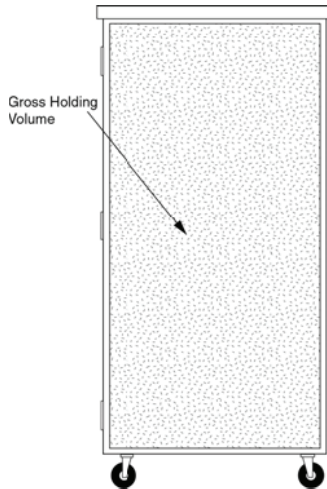
- A. Commercial Hot Food Holding Cabinet: An appliance that is designed to hold hot food at a specified temperature, which has been cooked using a separate appliance.
- B. Idle Energy Rate–Dry: The rate of appliance energy consumption while it is maintaining or holding at the control set point, without using a humidity-generating device (if applicable). For purposes of this specification, idle energy rate is measured in watts/ m³ (pi³).

2) Qualifying Products: Any commercial hot food holding cabinet that meets the definition in Section 1A is eligible for the ENERGY STAR. Dual function equipment, such as cook-and-hold models, cannot qualify as ENERGY STAR, under this specification.

3) Energy-Efficiency Specifications for Qualifying Products: Only those products listed in Section 2 that meet the maximum idle energy rate, below, may qualify as ENERGY STAR:

$$\text{Maximum Idle Energy Rate} = 40 \text{ watts/ m}^3 \text{ (pi}^3\text{)}.$$

The maximum idle energy rate is based on the “idle energy rate — dry test” in ASTM F2140-01. Interior volume (m³) of each qualifying model must be measured according to the protocol provided below.



Measuring Interior Volume: Commercial hot food holding cabinet interior volume shall be calculated using straight-line segments following the gross interior dimensions of the appliance and using the following equation: interior height x interior width x interior depth. Interior volume shall not account for racks, air plenums or other interior parts.

4) Test Criteria: Manufacturers are required to perform tests and self-certify those product models that meet the ENERGY STAR guidelines. Manufacturers that have already submitted qualified model information to U.S. ENERGY STAR Program for units sold in Canada and the United States should confirm that their models are listed on the U.S. ENERGY STAR web site (http://www.energystar.gov/index.cfm?c=bulk_purchasing.bus_purchasing), and notify Canada.

5) Effective Date: The date that manufacturers may begin to qualify products as ENERGY STAR will be defined as the *effective date* of the agreement. The ENERGY STAR Specification for Commercial Hot Food Holding Cabinets is effective **August 15, 2003**.

6) Future Specification Revisions: ENERGY STAR reserves the right to change the specification should technological and/or market changes affect its usefulness to consumers, industry, or the environment. In keeping with current policy, revisions to the specification are arrived at through industry discussions. **Please note that ENERGY STAR qualification is not automatically granted for the life of the product model.** To carry the ENERGY STAR symbol, a product model must meet the ENERGY STAR specification in effect on the model's date of manufacture.