



ENERGY STAR®

Qualifying Criteria for Commercial Steam Cookers

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

1) Definitions:

A. Steam Cooker: Also referred to as a “compartment steamer”, a device with one or more food steaming compartments in which the energy in the steam is transferred to the food by direct contact. Models may include countertop models, wall-mounted models and floor-models mounted on a stand, pedestal or cabinet-style base.

B. Cooking Energy Efficiency: The quantity of energy input to the food products; expressed as a percentage rate of energy input to the appliance during the heavy-, medium-, and light-load tests. For purposes of this specification, heavy-load will be used as a measurement of energy efficiency.

C. Heavy (Potato) Load Cooking: The manufacturer’s stated capacity of 12 by 20 by 2 ½ inch (300 by 500 by 65 mm) perforated hotel pans each filled with 8.0 ± 0.2 lb (3.6 ± 0.1 kg) of fresh, whole, US No. 1, size B, red potatoes.

D. Idle Energy Rate: The rate of appliance energy consumption while it is maintaining or holding at a stabilized operating condition or temperature.

2) Qualifying Products: Any commercial steam cooker that meets the definition in Section 1A is eligible for the ENERGY STAR. For purposes of this Version 1.0 specification, only 3-, 4-, 5-, and 6-pan capacity units may qualify for ENERGY STAR.

3) Energy-Efficiency Specifications for Qualifying Products: Only those products listed in Section 2 that meet the criteria presented in Table 1 or 2, below, may qualify for ENERGY STAR.

Pan Capacity	Cooking Energy Efficiency	Idle Rate (watts)
3-pan	50%	400
4-pan	50%	530
5-pan	50%	670
6-pan	50%	800

Pan Capacity	Cooking Energy Efficiency*	Idle Rate (Btu/h)
3-pan	38%	6,250
4-pan	38%	8,350
5-pan	38%	10,400
6-pan	38%	12,500

*Cooking Energy Efficiency is based on heavy load (potato) cooking capacity.

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 Steam Cookers is effective August 1, 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 label, a product model must meet the ENERGY STAR specification in effect on the model's date of manufacture.