ENERGY STAR® Labeled Product Specifications

Money Isn't All You're Saving

APPLIANCES:

Clothes Washers: The energy efficiency of qualified clothes washers was slightly modified beginning January 1, 2001, changing from an energy factor (EF) to a modified energy factor (MEF). MEF is a new equation for Energy Factor that takes into account the amount of dryer energy used to remove the remaining moisture content. The MEF of 1.26 is very similar to the Energy Factor of 2.5, and so only a few products will be affected.

	Old Criteria	New Criteria—Effective Jan. 1, 2001
NAECA	Minimum Energy Factor 1.18	not changing to a Modified Energy Factor (MEF) until 2004
ENERGY STAR	Minimum Energy Factor 2.5	Minimum MEF* of 1.26

Dishwashers: Although Federal minimum efficiency standards (NAECA) are not changing for dishwashers, a new ENERGY STAR specification went into effect on January 1, 2001.

	Old Criteria	New Criteria—Effective Jan. 1, 2001
NAECA	Energy Factor .46	Not scheduled to change
ENERGY STAR	Minimum Energy Factor of .52 (or about 13% above the NAECA criteria)	Minimum Energy Factor of .58 (25% above the current NAECA criteria; rounded to next EF)

Refrigerators: New Federal minimum efficiency standards (NAECA) for refrigerators go into effect on July 1, 2001. The new ENERGY STAR specification, which is 10% above the new minimum efficiency standard, took effect on January 1, 2001.

Product Class	Current NAECA maximum energy use (kWh/year)	New NAECA maximum energy use (kWh/year) effective July 1, 2001
Top Mount Freezer without through-the-door ice	16.0*AV + 355	9.8*AV + 276
Side Mount Freezer without through-the-door ice	11.8*AV + 501	4.91*AV + 507.5
Bottom Mount Freezer without through-the-door ice	16.5*AV + 367	4.6*AV + 459
Top Mount Freezer with through-the-door ice	17.6*AV + 391	10.2*AV + 356
Side Mount Freezer with through-the-door ice	16.3*AV + 527	10.1*AV + 406

***Note:** AV stands for adjusted volume. Adjusted volume = Fresh Volume + (1.63 x Freezer Volume).*

ENERGY STAR Criteria for Refrigerators

	Old Criteria	New Criteria Effective Jan. 1, 2001
ENERGY STAR	20% below the current NAECA maximum energy use.	10% below the 2001 NAECA maximum energy use

Air Conditioners (Room Units): The new ENERGY STAR criteria for room air conditioners is 10% above the new NAECA criteria. Currently, only units *without* reverse cycle (heating function), and *with* louvered sides are considered for ENERGY STAR status. The numbers in the following table represent the Energy Efficiency Ratios (EER) that should be used to determine qualification for the ENERGY STAR label. They have been rounded to a single decimal and meet the specification of 10% more efficient than the new NAECA standard.

Product Class (Btu/Hr.)	Old NAECA Criteria	Old ENERGY STAR Criteria	October 1, 2000 NAECA Criteria	October 1, 2000 ENERGY STAR Criteria
< 6,000	8.0	9.2	9.7	10.7
6,000 to 7,999	8.5	9.75	9.7	10.7
8,000 to 13,999	9.0	10.35	9.8	10.8
14,000 to 19,999	8.8	10.1	9.7	10.7
20,000	8.2	9.4	8.5	9.4

HEATING AND COOLING EQUIPMENT (HVAC):

Furnaces	90 AFUE
Central Air Conditioners	12 SEER
Boilers	85 AFUE
Air Sources Heat Pumps	7.6 HSPF / 12 SEER
Geothermal Heat Pumps	2.8 COP / 13 SEER
Programmable Thermostats	4 daily settings, weekend/day settings, and other E-comfort features

HOME ELECTRONICS:

DVD Products	More efficient standby mode or "off" than conventional models. Consume 3 Watts or less when switched off.
Home Audio Products	Consume 2 Watts or less when switched off.
Televisions	Consume 3 Watts or less when switched off.
TV/VCR Combinations	Consume 6 Watts or less when switched off.
VCRs	Consume 4 Watts or less when switched off.
Set-top Boxes	Consume between 3-20 Watts when switched off depending on type of device

OFFICE EQUIPMENT:

Computers and Monitors	Automatic power down to "Sleep" mode*.
Copiers	Automatic power down and timed shut-off.
Fax Machines	Automatic power down and double-sided printing.
Multifunction Devices	Automatic power down to 30-200 Watts and double-sided copying.
Printers	Automatic power down to between 15 and 45 Watts.
Scanners	Automatic power down to "Sleep" mode*.

**Less than 12 Watts*

LIGHTING:

Residential Light Fixtures	Indoor and outdoor dedicated compact fluorescent fixtures.
Exit Signs	Operates on 5 Watts or less per face.
Compact Fluorescent Light bulbs (CFLs)	Integral screw-based CFLs.

WINDOWS, DOORS AND SKYLIGHTS:

ENERGY STAR Climate Zone	Windows and Glazed Doors		Skylights	
	U-Factor	SHGC	U-Factor	SHGC
Northern Region	0.35 & below	Any	0.45 & below	Any
Central Region	0.40 & below	0.55 & below	0.50 & below	0.55 & below
Southern Region	0.75 & below	0.40 & below	0.75 & below	0.40 & below

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