



# EnerGuide Labelling Instructions for Appliances and Room Air Conditioners

Revised November 2005



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## ► Introduction

Canada's *Energy Efficiency Regulations* require "dealers in energy-using products" to attach an EnerGuide label to certain products. This guide provides detailed instructions on how to comply with the labelling requirements set out in the Regulations, as well as information on optional labelling practices permitted by Natural Resources Canada (NRCan), the federal department responsible for administering the Regulations. Instructions are also provided on other labelling issues.

### ► Who is a "dealer"?

A "dealer" is a person whose business

1. manufactures energy-using products in Canada;
2. imports energy-using products into Canada; or
3. sells or leases energy-using products that are obtained, directly or indirectly, from a person who manufactures energy-using products in Canada or imports them to Canada.

### ► What products must bear an EnerGuide label?

An EnerGuide label must be attached to the following electrical products:

- clothes dryers
- clothes washers
- dishwashers
- ranges
- freezers
- refrigerators and combination refrigerator-freezers
- integrated clothes washer-dryers
- room air conditioners

This guide is intended to provide the information dealers need to properly label prescribed products. For additional information on labelling policies and practices, test standards or other regulatory requirements, a list of contacts and Web links is provided in the **Contacts and Web Links** section.

**Compliance Alert** – Under the *Energy Efficiency Act*, you cannot

- import an energy-using product or ship it between provinces and territories, for the purpose of sale or lease, "unless the product is labelled in the prescribed form and manner, if any," or
- tamper with an EnerGuide label before an energy-using product is sold to the first retail purchaser or leased to the first lessee.

## ► Mandatory Labelling Requirements

The requirements set out in this section of the guide are mandatory. Failure to comply with these requirements places dealers in violation of the *Energy Efficiency Act* and *Energy Efficiency Regulations*.

The appendices identify the EnerGuide labelling elements and specifications that must be followed when producing labels. Note the two label designs:

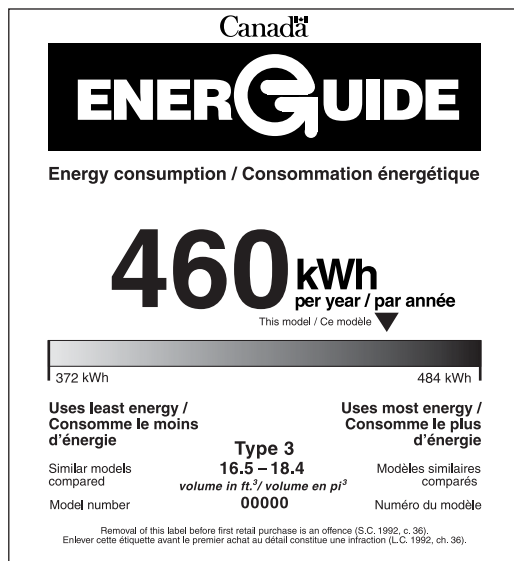
- one for major electrical household appliances
- one for room air conditioners

The following information applies to producing and placing the EnerGuide labels for appliances and room air conditioners.

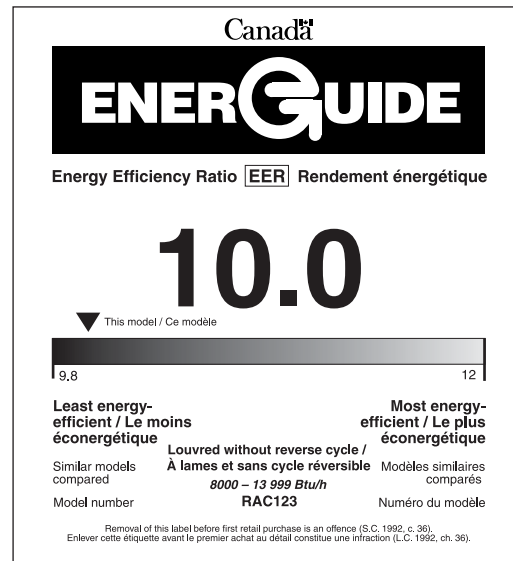
### ► Physical characteristics of the EnerGuide label

#### Colour and size of paper

The label must be printed in black ink on white paper. The EnerGuide label must be 13.49 cm wide by 14.76 cm long (5<sup>5</sup>/<sub>16</sub> by 5<sup>13</sup>/<sub>16</sub> in.). The paper on which the label is printed may be larger, but the frame of the label cannot exceed the above size.



Sample appliance label (a full-sized label is shown in Appendix A).



Sample room air conditioner label (a full-sized label is shown in Appendix B).

## Canada wordmark

As a result of regulatory amendments that came into effect on December 31, 1998, the Canada wordmark (see example below) must appear on all EnerGuide labels for household appliances and room air conditioners.

# Canada

The use of the Canada wordmark formally identifies the label as a requirement of the Government of Canada and thus increases the credibility of the EnerGuide rating and its impact on consumers. It also avoids confusion with the U.S. EnergyGuide label, which may appear side-by-side or back-to-back with the Canadian EnerGuide label as described in the **Optional Labelling Practices** section.

## EnerGuide logo

**Compliance Alert** – The EnerGuide logo on the EnerGuide label is a registered trademark of the Government of Canada and cannot be reproduced without permission.



## Labelling scales and ranges of comparability

Labelling scales for appliances and room air conditioners are reviewed and issued each year. Labelling scales for major appliances are issued in November for use in January. Labelling scales for room air conditioners are issued in the fall for use on models manufactured for the following cooling season. Natural Resources Canada (NRCan) annually asks dealers/manufacturers to review and update their list of current models in NRCan's database of compliant products in order to create annual labelling scales.

**Compliance Alert** – An **energy efficiency report** for each model must be submitted to NRCan prior to import or shipment between provinces and territories.

## Paper stock and adhesive qualities

EnerGuide labels may take the form of adhesive tags, flap tags or hang tags:

- **Adhesive tags** – The paper stock for an adhesive tag must weigh at least 26.31 kg (58 lb.) per 500 sheets measuring 63.5 by 96.52 cm (25 by 38 in.). Use at least two strips of adhesive, with each strip located no more than 0.635 cm (0.25 in.) from the opposite edges of the label. Although there is no specific formula for the adhesive, the adhesion capacity must prevent dislodgement of the tag under normal handling conditions yet render the tag easily removable by the consumer without using any tool or liquid other than water.
- **Flap tags** – The paper stock for a flap tag must weigh at least 26.31 kg (58 lb.) per 500 sheets measuring 63.5 by 96.52 cm (25 by 38 in.). Use one strip of adhesive located no more than 0.635 cm (0.25 in.) from the top edge of the label. The adhesion capacity must prevent dislodgement of the tag under normal handling conditions yet render the tag easily removable by the consumer without using any tool or liquid other than water.
- **Hang tags** – The paper stock for a hang tag must weigh at least 49.9 kg (110 lb.) per 500 sheets measuring 64.77 by 77.47 cm (25.5 by 30.5 in.). The material used to suspend the tag must be strong enough that when gradual pressure is applied to the tag, the tag will tear before the material breaks. Hang tags must be attached such that the label hangs freely from the product.

## Font types and sizes

Helvetica is the only typeface that can be used for printing additional product information on the EnerGuide label. See **appendices A and B** of this document for label elements and typeface specifications.

## ► Placement of labels

**An EnerGuide label must be clearly visible when consumers view the product from the front.** As a rule, this means the label must be placed on the exterior front of the product.

**Compliance Alert** – Placing an EnerGuide label inside a product’s “instructions bag” does not comply with the Regulations.

However, the following placements are also permitted:

- **Refrigerators or upright freezers** – An **adhesive tag** or **flap tag** may be placed on the interior wall of a refrigerator or upright freezer if the tag is immediately visible to the consumer when the door is opened. The label must not be obscured by any other door, obstacle, tag or material.  
A **hang tag** may be used inside the product if the tag is suspended so that it immediately falls within the consumer’s line of vision when the door is opened. The label must not be obscured by any other door, obstacle, tag or material.

**Compliance Alert** – Regardless of the type of tag used, the EnerGuide label cannot be placed on the interior side of the door of a refrigerator or upright chest freezer.

- **Top-loading clothes washers** – A **hang tag** may be used inside the product if the tag immediately dangles in front of the consumer when the lid is opened. The label must not be obscured by any other tag or material. A hang tag may also be attached to the knobs of the machine.
- **Front-loading clothes washers** – A **hang tag** may be used if it can be suspended from the dispenser drawer.
- **Chest freezers** – A **hang tag** may be used inside the product if the tag immediately dangles in front of the consumer when the lid is opened. The label must not be obscured by any other tag or material.
- **Ranges** – A **hang tag** may be used if it is attached to the knobs or handle of the appliance.
- **Ovens** – A **hang tag** may be used inside the product if the tag is immediately visible to the consumer when the door is opened. The label must not be obscured by any other tag or material.

**Compliance Alert** – Placing the label in the warming drawer does not comply with the Regulations.

- **Dishwashers** – A **hang tag** or **flap tag** may be used inside the product if the tag dangles in the front middle section of the interior space and is immediately visible to the consumer when the door is opened. The label must not be obscured by any other tag or material. A hang tag may also be attached to the knobs of the machine.
- **Room air conditioners** – A **hang tag** may be attached to the controls at the front of the machine or to the grille. **Adhesive tags** or **flap tags** are to be placed on a flat surface but not on the grille itself.

## ► ENERGY STAR® and the EnerGuide Label

Dealers of integrated clothes washer-dryers, refrigerators, refrigerator-freezers, freezers, dishwashers and room air conditioners now have the option of adding a bilingual ENERGY STAR mark, along with a bilingual statement adjacent to the EnerGuide label, on ENERGY STAR qualified products only.

Appliances qualify for ENERGY STAR when they meet

- the minimum energy efficiency requirements set out in the Regulations of the *Energy Efficiency Act*; and
- the current ENERGY STAR levels as prescribed by Natural Resources Canada.

### ► Labelling guidelines

Though the addition of ENERGY STAR on the EnerGuide label is not mandatory, the manner in which the ENERGY STAR mark and the bilingual statement are used must be as described below.

#### Appropriate use

The following two elements may be used only on qualified ENERGY STAR products. They must always be used together without edits or modifications, as indicated below:

1. bilingual ENERGY STAR mark – black vertical promotional version



2. with bilingual statement



The **ENERGY STAR®** mark on this EnerGuide label signifies that this is an energy-efficient appliance. Its energy performance meets or exceeds the Government of Canada's high efficiency levels. Use the EnerGuide rating to determine how this appliance compares to other similar models.

La marque **ENERGY STAR®** sur cette étiquette ÉnerGuide signifie que l'appareil est éconergétique et que son rendement énergétique satisfait ou dépasse les niveaux de haute efficacité du gouvernement du Canada. Utilisez la cote ÉnerGuide afin de comparer le rendement de l'appareil avec celui d'autres modèles similaires.

## Placement

- The bilingual ENERGY STAR mark must always be placed on the left-hand side immediately below the outside frame of the standard EnerGuide label. The bilingual message block has the English text first, followed by the French text.
- The statement must always be placed on the right-hand side of the ENERGY STAR mark immediately below the outside frame of the standard EnerGuide label. The English text will always be first, followed immediately below by the French text. Note the need to respect the ENERGY STAR clear-space requirements to the right of the block and to centre both elements, when combined, directly under the EnerGuide label.

## Colour and size of paper

- The EnerGuide label must be printed in black ink on white paper. The label with the additional bilingual ENERGY STAR mark and text has the same overall dimensions as the U.S. EnergyGuide label: 13.97 cm wide by 18.73 cm long (5.5 in. by 7.375 in.). The size of paper on which the label is printed can vary, as long as the size and format of the EnerGuide label follow the specifications prescribed by the *Energy Efficiency Regulations*, and the ENERGY STAR mark and text are faithfully reproduced using the fonts and sizes indicated below.

## Paper stock and adhesive qualities

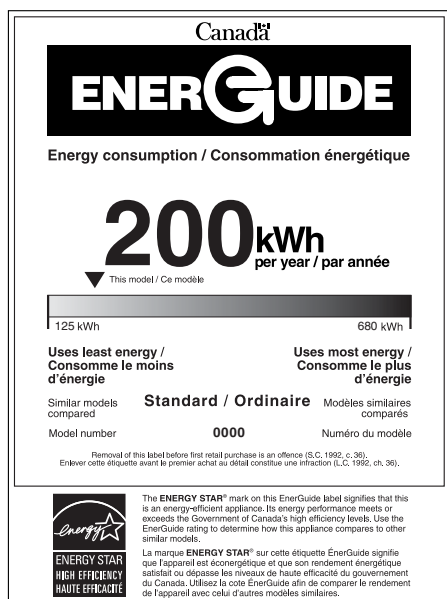
- These requirements are the same as those in the **Mandatory Labelling Requirements** section of this document.

## Font types and sizes

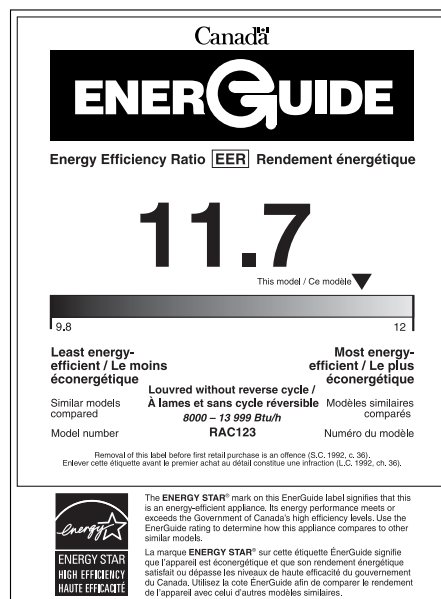
- The bilingual ENERGY STAR mark and statement must always be reproduced exactly as shown in the examples below.

## ► To obtain EnerGuide labels for ENERGY STAR qualified products in Canada

To find out if your products qualify, or to obtain electronic copies of the EnerGuide label for ENERGY STAR qualified products, go to the contact list in the **Contacts and Web Links** section.



Example of an EnerGuide label for an ENERGY STAR qualified appliance.



Example of an EnerGuide label for an ENERGY STAR qualified room air conditioner.



## ► Optional Labelling Practices

Based on recommendations received from industry stakeholders, Natural Resources Canada now permits several optional labelling practices, which are detailed in this section of the guide. These practices are not mandatory and can be implemented at the discretion of the dealer. **No other additions to or deletions from the label are permitted.**

### ► Dual labelling

Dual labelling refers to the practice of attaching more than one energy efficiency label to a prescribed product. This has become an administrative and cost issue for manufacturers, since the same appliance models are often sold in several jurisdictions (i.e. Canada, the United States and Mexico).

A dual label may be a hang tag that has the Canadian EnerGuide label on one side and the U.S. EnergyGuide label on the other.

Dual labels must comply with the mandatory labelling requirements described in the previous section of this guide. In particular

- the EnerGuide label must be readily visible when the product is viewed from the front;
- the EnerGuide label must not be obscured or covered by any other label or tag; and
- the frame of the EnerGuide label must be the size specified in the **Mandatory Labelling Requirements** section. For hang tags, the paper on which the label is printed may be larger, but the frame of the EnerGuide label cannot exceed the size as outlined in the mandatory labelling requirements.

For information regarding the use of dual labelling in the United States, refer to the U.S. Federal Trade Commission's labelling rule.

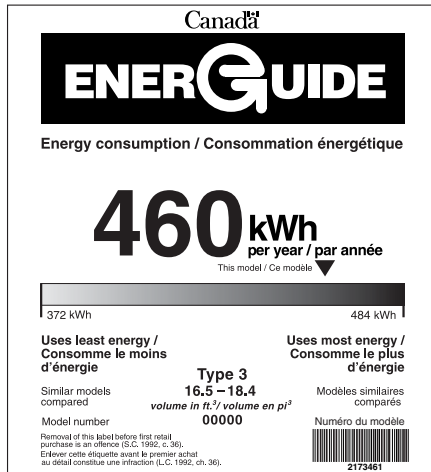
### ► Bar codes

A bar code may be added to the EnerGuide label if the form and substance of the label are not altered. The following guidelines have been developed for bar codes:

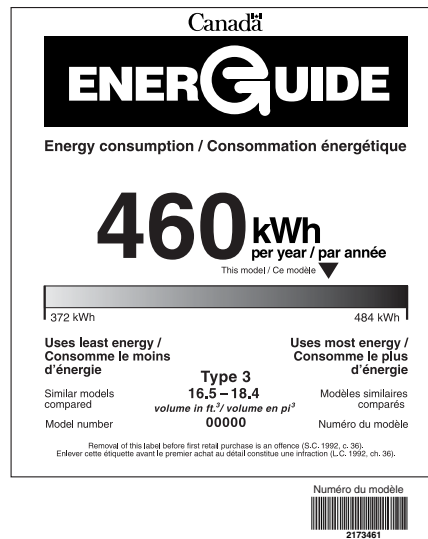
- The bar code must not be larger than 2.9 cm wide by 2.0 cm high (1.14 by 0.79 in.).
- When printed inside the frame of the EnerGuide label, the bar code must be placed in the bottom-right corner. Font sizes for all text on the label must remain as specified in the Regulations, and the size of the label cannot be altered. However, the text may be moved up slightly to accommodate the bar code (see Optional example 1).
- When printed outside the frame, the bar code must not exceed the size specified above and must be placed in the bottom-right corner immediately under the frame (see Optional example 2).

► **Internal part number**

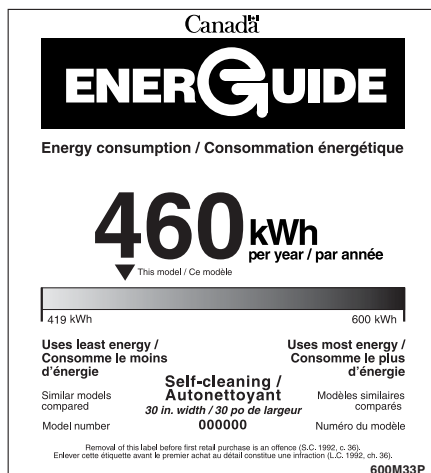
An internal part number may be added to the EnerGuide label provided the form and substance of the label are not altered. The internal part number must appear in the bottom-right corner of the label in a font size no larger than 10 points (see Optional examples 3 and 4).



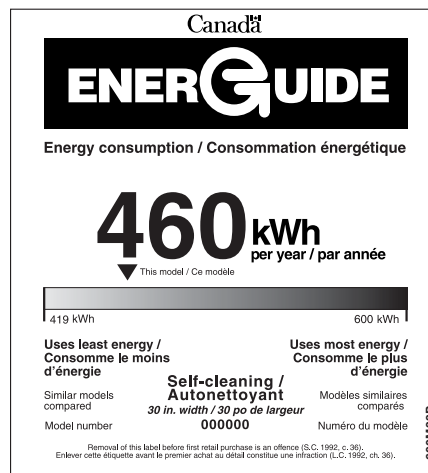
**Optional example 1: Sample of an EnerGuide label with a bar code inside the frame.**



**Optional example 2: Sample of an EnerGuide label with a bar code outside the frame.**



**Optional example 3: Sample of an EnerGuide label with an internal part number.**



**Optional example 4: Sample of an EnerGuide label with an internal part number.**

► **Multiple model numbers**

Dealers can print as many model numbers on the EnerGuide label as space allows, when the models fall into the same type and class of product and have the same energy consumption rating. Depending upon the product class, the number of model numbers for the same base model that can be printed on the label will vary from six to nine.

## ▶ Labelling Scales / Ranges of Comparability

The scale on the EnerGuide label illustrates the range of energy consumption ratings for all products of the same type and class sold in Canada. Dealers are required to print a pointer on the scale to situate the product being labelled against others on the market. Natural Resources Canada (NRCan) publishes new labelling scales each year, as changes occur in the ratings for the most and least energy-efficient products manufactured for sale in Canada.

Three issues may arise about the use of labelling scales:

### ▶ Same rating on both ends of the scale

When the numbers on both ends of the labelling scale are the same (e.g. because the energy ratings of a particular type and class of product do not differ), yes and your model has this rating, you do not need to print a pointer.

### ▶ Model rating falls outside the labelling scale

When an energy efficiency report for a new model is submitted to NRCan after the annual release of the labelling scales and the energy consumption rating for that model is lower or higher than the range indicated on the scale, place the pointer outside the scale, i.e. to the right or to the left of the scale.

### ▶ No existing annual scale for your model

Contact NRCan if no scale exists for your model. NRCan will create and post the new scale on its Web site when it gets an energy efficiency report for the new model (see **Contacts and Web Links section**).

## ► Special and Voluntary Labelling Situations for Appliances

### ► Dual energy-source appliances

Dual energy-source appliances (such as ranges with gas elements and an electric oven or integrated over/under washer-dryers with a gas dryer) are not covered by the labelling guidelines of the *Energy Efficiency Regulations*. These products do not require an EnerGuide label. However, manufacturers are encouraged to voluntarily label the electric component of the appliance for which they have submitted an energy efficiency report as required, based on the applicable Canadian Standards Association (CSA) test standard (see **Product Information** section).

### ► Integrated washer-dryer with gas or condensing dryers

There is no test standard for gas or condensing dryers. However, the clothes washer can be tested and labelled according to the requirements of the Regulations. The pointer for these models only must be accompanied by "This clothes washer / Cette laveuse" instead of "This model / Ce modèle."

### ► Other special situations

Contact Natural Resources Canada about any other special products or situations for clarification and guidance on labelling options and requirements.

## ► Product Information

This section of the guide provides technical definitions of the energy-using products that must bear an EnerGuide label, as well as the applicable test standard and compliance dates. For current minimum performance levels and additional details, consult the *Energy Efficiency Regulations* at [oee.nrcan.gc.ca/regulations](http://oee.nrcan.gc.ca/regulations).

- **Clothes dryer** means a standard or compact electrically operated and electrically heated household tumble-type clothes dryer. A compact clothes dryer means it has a drum capacity of less than 125 litres (L) (4.4 cubic feet [cu. ft.]).

**Test standard: CAN/CSA-C361-92**

**Compliance date: May 1, 1995, for standard dryers**

**December 31, 1998, for compact dryers**

- **Clothes washer** means a standard or compact electrically operated household clothes washer that is top- or front-loaded. It has an internal control system that regulates the water temperature without the need for user intervention after the initiation of machine operation. Compact clothes washer means it has a container capacity of less than 45 L (1.6 cu. ft.).

This definition does not include wringer washers, twin-tub washers and spinners.

**Test standard: CAN/CSA-C360-03**

**Compliance date: January 1, 2004**

- **Integrated clothes washer-dryer** means a household appliance with a clothes-washer component and a clothes-dryer component that is located above, below or beside the clothes-washer component or is powered by a single power source. The controls are on either the washer or the dryer. It includes a combination clothes washer-dryer in which the washer and dryer functions use the same drum. In a standard integrated unit (usually an over/under washer-dryer) other than a combination unit, the clothes-washer basket capacity must not be less than 45 L (1.6 cu. ft.); the clothes dryer drum capacity must be at least 125 L (4.4 cu. ft.). A standard combination unit must have a drum capacity of not less than 45 L (1.6 cu. ft.). A compact unit does not meet the standard size requirements.

**Test standard: Washer component: CAN/CSA-C360-03**

**Compliance date: January 1, 2004**

**Test standard: Dryer component: CAN/CSA-C361-92**

**Compliance date: January 1, 2004**

- **Dishwasher** means a standard or compact electrically operated automatic household dishwasher that is
  - built-in (permanently connected to a household water and electric supply); or
  - portable (designed **not** to be connected permanently to a household water and electric supply).

It does **not** include commercial, industrial or institutional machines.

A compact dishwasher means it has a capacity of less than eight place settings and six serving pieces.

**Test standard: 10 CFR 430, Subpart 3, Appendix C, in U.S. Code of Federal Regulations (equivalent to CAN/CSA-C373-04)**

**Compliance date: January 1, 2004**

- **Electric range** means one of the following appliances:
  - **Range or stove** – a freestanding (not supported by surrounding cabinetry, walls or other similar structures) or built-in (supported by surrounding cabinetry, walls or other similar structures) appliance equipped with one or more surface elements and one or more ovens;
  - **Oven** – a built-in or wall-mounted (supported by a wall) appliance without surface elements and with one or more ovens; or
  - **Cooktop** – a counter-mounted (supported by horizontal surface cabinetry) or modular (cartridge that can be plugged into a receptacle on the range surface) appliance with one or more surface elements. The top can be conventional, smooth, solid surface, modular or tungsten halogen.

It does **not** include

- microwave cooking appliances;
- portable appliances designed for an electrical supply of 120 volts;
- household appliances with one or more induction heating elements; or
- warming compartments or zones that are not intended for cooking (cannot raise temperature above 100°C [212°F]).

**Test standard: CAN/CSA-C358-03**

**Compliance date: August 1, 2003**

- **Freezer** means a household freezer that has a capacity not exceeding 850 L (30 cu. ft.).

Refer to tables 1 or 2 in CSA-C300-00 for definitions of product type.

**Test standard: CAN/CSA-C300-00**

**Compliance date: July 1, 2001**

- **Refrigerator or combination refrigerator-freezer** means a household refrigerator or combination refrigerator-freezer that has a capacity of not more than 1100 L (39 cu. ft.), but does not mean a refrigerator that employs an absorption refrigeration system.

Refer to tables 1 or 2 in CSA-C300-00 for definitions of product type.

**Test standard: CAN/CSA-C300-00**

**Compliance date: July 1, 2001**

- **Room air conditioner** means a single-phase electric room air conditioner with or without louvred sides that is not a packaged terminal air conditioner and that does not exceed 10.55 kW (36 000 Btu/h) in cooling capacity. It includes casement-slider and casement-only models.

**Test standard: CAN/CSA-C368.1-M90 (R-2001)**

**Compliance date: January 1, 2003**

## ► Contacts and Web Links

### ► Contacts

**For information on EnerGuide and ENERGY STAR®, please contact**

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Fax: (613) 947-5286  
E-mail: [awilkins@nrcan.gc.ca](mailto:awilkins@nrcan.gc.ca)

**For EnerGuide labels, directories, labelling practices, scales and dealer-submitted energy efficiency reports and importing requirements, please contact**

**Violet Horvath**

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### ► Web Links

This document is also available on the Office of Energy Efficiency's Web site at [oee.nrcan.gc.ca/equipment](http://oee.nrcan.gc.ca/equipment).

General and specific information on the *Energy Efficiency Regulations* is available on the Office of Energy Efficiency's Web site at [oee.nrcan.gc.ca/regulations](http://oee.nrcan.gc.ca/regulations).

For information on ENERGY STAR® in Canada, visit [energystar.gc.ca](http://energystar.gc.ca).