

Refrigerated Display Cabinets

How to meet energy efficiency regulation requirements

Some types of refrigerated display cabinets, (RDCs), also known as commercial refrigerators, sold or hired in New Zealand must, by law, comply with [minimum energy performance standards \(MEPS\)](#) requirements. This document outlines the requirements and how to meet them if you import or manufacture refrigerated display cabinets in New Zealand.

Why have MEPS for refrigerated display cabinets (commercial refrigerators)?

Minimum energy performance standards (MEPS) prevents poorly performing refrigerated display cabinets from entering our market, bring significant energy savings and reduced greenhouse gas emissions over the life of compliant products.

Which refrigerated display cabinets (commercial refrigerators) are included?

MEPS covers commercial refrigerators and freezers used for the sale or display of food products including beverages. MEPS applies to both self-contained cabinets and remote cabinets. Self-contained or 'integral' cabinets have their refrigeration system incorporated in the cabinet; remote types have their condenser located away from the display site.

What do I need to do to comply with the law?

Importers and manufacturers of refrigerated display cabinets (commercial refrigerators) are required to:

- [Step-1](#) Ensure each refrigerated display cabinet model has been tested to **AS 1731.1to13:2003** and ensure each refrigerated display cabinet model meets or exceed the minimum energy performance levels specified in **AS 1731.14:2003**.
- [Step-2](#) Energy Rating Labelling: **N/A**
- [Step-3](#) Register each refrigerated display cabinet model through the energy rating website.
- [Step-4](#) Provide EECA with product sales, import and export data each year.

RDC Retailers are required to check their products are registered on the [energy rating website](#).

See the questions and answers below for more information

Which refrigerated display cabinets are excluded (commercial refrigerators)?

MEPS does ***not*** apply to refrigerated vending machines, ice-makers, cabinets intended for use in catering and similar non-retail applications.

Which standards apply?

AS 1731.14:2003: Refrigerated display cabinets—Part 14: Minimum energy performance standard (MEPS) requirements.

AS 1731.1to13:2003: Refrigerated display cabinets (testing and other requirements).

Standards are available for purchase from www.standards.co.nz and for inspection at [EECA's head office](#).

How are energy levels calculated for refrigerated display cabinets (commercial refrigerators)?

The MEPS level is the maximum allowable energy consumption of the model, expressed as the total energy consumption (TEC) per 24 hours/total display area (TDA) (Units: kWh/day/m²).

How do I register a refrigerated display cabinet (commercial refrigerator) on the energy rating website?

If the refrigerated display cabinet you are about to register is already registered you are not required to register it. To check, search for the model at: reg.energyrating.gov.au/comparator/product_types.

If it is not already registered download our quick start guide at: www.eeca.govt.nz/resource/online-product-registration-guide.

If you haven't used the energyrating.gov.au website before, follow these instructions:

Step 1 Open the registration page: reg.energyrating.gov.au/accounts/register.

Step 2 Create an account and log in.

Step 3 Create an applicant, add contact people etc. as required.

Step 4 Create a new product registration (you will need a test report).

Step 5 Select 'Commercial Refrigerator (CR)'.

Step 6 Follow the steps until all fields are complete.

Step 7 Once submitted you will be e-mailed a Registration ID. Record this as you will need it to provide sales data each year.

Note: A range of refrigerated display cabinet models, manufactured in multiple configurations or styles, may be registered as a product "family" if the family definition (below) is met.

What is a family of models?

A range of models of the one brand, for which a single set of test reports is applicable and where each of the models has the same relevant physical characteristics, comparative energy consumption, energy efficiency rating and performance characteristics.

What information do I need to provide to EECA each year and how do I do it?

Importers and manufacturers are required, by law, to provide statistical information on sales, import and export data annually to EECA.

Data needs to be submitted every year by 1 August, for the period 1 April to 31 March. For example, data from 1 April 2013 to 31 March 2014 must be received by 1 August 2014. The information is submitted through the EECA website where you need to:

Step 1 Set up a user account at www.eeca.govt.nz/webform/request-user-account.

Step 2 Once approved, log in at www.eeca.govt.nz/user/register/supplier/login.

Step 3 When logged in follow the links and instructions for the EECA sales data return tool.

Step 4 Enter your product data - you will need your Registration ID number - the following information is required for each registered model:

- Sales in New Zealand between 1 April and 31 March.
- Imports into New Zealand between 1 April and 31 March.
- Exports from New Zealand between 1 April and 31 March.

Where do I get additional information?

More information about regulated products and how to meet your legal obligations can be found at www.eeca.govt.nz/product-standards.

See the [running costs calculator](#) to find out how choosing a higher star rating can reduce the running costs of products.

There is also information on the energy rating website at www.energyrating.gov.au.

If you have any questions, please email us at compliance@eeca.govt.nz, or phone EECA on **0800 358 676**.