

Refrigerated Cabinets



TE TARI TIAKI PŪNGAO
ENERGY EFFICIENCY & CONSERVATION AUTHORITY

New Regulations Information Sheet



(Image shown is for illustration purposes only)

Refrigerated cabinets sold or hired in New Zealand must, by law, comply with [Minimum Energy Performance Standards \(MEPS\)](#) requirements. This document outlines the new requirements that will come into force no earlier than 16 August 2020, and how to meet them if you import or manufacture refrigerated cabinets in New Zealand.

Contents

What you need to know first.....	3
What are the main differences between the current and new regulations?	3
What is the same between the old and new regulations?	3
Which standards and regulations apply?	4
Which refrigerated cabinets are included?	4
Which refrigerated cabinets are excluded?	4
What are the MEPS requirements for refrigerated cabinets?.....	5
What is a family of models?	5
What are the changes to the registration system?	6
What if I want to import refrigerated cabinets and sell them in both Australia and New Zealand?	6
Where do I get additional information?	7

This document is intended as a guide only, please refer to the regulations and applicable standards.

What you need to know first

The new regulations come into effect in New Zealand no earlier than 16 August 2020. Up to this date, you must either:

- Meet the current regulation requirements, or
- meet the new regulation requirements voluntarily.

After 16 August 2020, the new regulations will become mandatory and all refrigerated cabinets will have to meet the new requirements.

Our information sheet on the current regulation for refrigerated display cabinets can be found here:

<https://www.eeca.govt.nz/assets/Uploads/Information-sheet-2019-Refrigerated-display-cabinets.pdf>

To understand the new regulation requirements, please read the rest of this document.

What are the main differences between the current and new regulations?

There have been a number of changes:

- change of scope to include:
 - gelato scooping cabinets,
 - ice-cream scooping cabinets,
 - small (packaged) ice cream freezers and
 - refrigerated storage cabinets
- international test methods have been adopted,
- adoption of the Energy Efficiency Index (EEI) to assess MEPS,
- updated family definition,
- bespoke testing requirements have changed.

What is the same between the old and new regulations?

- You must still provide sales data annually. To see the requirements of providing sales data please see: <https://www.eeca.govt.nz/assets/Uploads/Information-sheet-2019-Refrigerated-display-cabinets.pdf>
- You must still register your models before sales commence.

Which standards and regulations apply?

New Regulations

The new NZ regulations are currently being drafted, but will have the same scope as the Australian determination:

<https://www.legislation.gov.au/Details/F2019L01067>

Current Regulations

Energy Efficiency (Energy Using Products) Regulations 2002:

<http://www.legislation.govt.nz/regulation/public/2002/0009/1/atest/DLM108730.html#DLM109302>

Which refrigerated cabinets are included?

MEPS covers:

- refrigerated cabinets designed for storage and display of, and access by consumers to, chilled or frozen items contained in a cabinet in a retail environment,
- refrigerated drinks cabinets (non-perishable beverages),
- refrigerated storage cabinets (light, normal and heavy duty),
- small ice cream freezers < 500 litres designed for pre-packaged ice cream,
- ice cream scooping cabinets – including ice cream and containerised gelato.

Which refrigerated cabinets are excluded?

MEPS does ***not*** apply to:

- refrigerated vending machines,
- icemakers,
- refrigerated cabinets that are designed for both food processing and storage, whether or not the cabinet includes an integral refrigerated storage section,
- refrigerated cabinets that have water cooled condensers,
- appliances that are intended for short time or intermittent normal operation during the full day.

What are the MEPS requirements for refrigerated cabinets?

For a refrigerated cabinet to meet the new regulatory requirements it must be tested to the appropriate test standard and meet the following maximum EEI thresholds. To register a refrigerated cabinet you will need a complete test report to enter the cabinet's performance data (the registration system calculates the EEI from the data entered) and upload the complete test report at point of registration.

Product type	the EEI must be:
RDC	< 130
Scooping cabinet	< 130
Ice cream freezer cabinet	< 130
Heavy duty RSC	< 115
Light duty or Normal duty RSC	< 95

What is a family of models?

The requirements for a family have changed. A range of refrigerated cabinets may be registered under a single registration if:

- they have the same brand,
- they have the same M-Package temperature classification (or warmer),
- They have identical cabinet type and access method,
- the total number of family members does not exceed 25,
- the least efficient model in the family (the parent model) is tested for registration.

What are the changes to the registration system?

Products are still registered through the Energy Rating website: <https://reg.energyrating.gov.au/accounts/login/?next=/>

To register a product to the current regulations or understand how to register a product please see:

<https://www.eeca.govt.nz/assets/Uploads/Information-sheet-2019-Refrigerated-display-cabinets.pdf>

There is now two different options when registering a product:

- New Zealand – AS 1731.14:2003 - amendment 2 dated 9 July 2012
- New Zealand - New requirements (Refrigerated Cabinets) 2019

The first option is to register to the current regulations, while the second option is to register to the new requirements.

What if I want to import refrigerated cabinets and sell them in both Australia and New Zealand?

This information sheet applies to New Zealand only. If you wish to import and sell refrigerated cabinets in both Australia and New Zealand then the product must be registered in Australia (unless the product is manufactured in New Zealand, then it may be registered in New Zealand). The refrigerated cabinet needs to meet the MEPS requirements outlined by the Greenhouse Energy Emission Standard (GEMS) Determinations. Information on the GEMS Determinations can be found here: <https://www.legislation.gov.au/Details/F2019L01067>

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.

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.