

Close control air conditioners

How to meet energy efficiency regulation requirements

Close control air conditioners (CCACs) 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 close control air conditioners in New Zealand.

Why have MEPS for close control air conditioners (CCACs)?

Close control air conditioners (CCACs) are typically purchased based on their capital costs and technical specifications rather than lifetime energy costs. Minimum energy performance standards (MEPS) ensures that end-users end up with better performing systems, saving them on running costs and reducing greenhouse gas emissions over the life of the product.

Which close control air conditioners (CCACs) are included?

MEPS covers factory-made close control air conditioners (CCACs) that use a single or multiple refrigerated direct expansion (DX) system, designed to control and monitor temperature and humidity.

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

Importers and manufacturers of close control air conditioners, are required to:

- [Step-1](#) Ensure each CCAC model has been tested to **AS/NZS 4965.1:2008** and ensure each CCAC model meets or exceed the minimum energy performance levels specified in **AS/NZS 4965.2:2008**.
- [Step-2](#) Energy Rating Labelling: **N/A**
- [Step-3](#) Register each CCAC model through the energy rating website.
- [Step-4](#) Provide EECA with product sales, import and export data each year.

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

See the questions and answers below for more information

Which close control air conditioners (CCACs) are excluded?

MEPS does ***not*** apply to close-coupled row-based cooling units.

Which standards apply?

AS/NZS 4965.2:2008: Performance of close control air-conditioners—Minimum energy performance standard (MEPS) requirements.

AS/NZS 4965.1:2008: Performance of close control air-conditioners—Testing for rating.

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

How are MEPS levels calculated for close control air conditioners CCACs?

Close control air conditioners (CCACs) are used for applications where temperature and humidity are required to be monitored and maintained within narrow limits - for example, computer rooms, data processing units, telecommunication facilities and other industrial process areas.

MEPS level for all units is an energy efficiency ratio (EER) of 2.62. The MEPS covers both water and air cooled units, and are based on testing the indoor unit alone.

The EER (cooling capacity in kW, to power input in kW) is calculated and assessed against MEPS limits.

How do I register a close control air conditioners (CCAC) on the energy rating website?

If the CCAC 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 'CCAC (CO)'.

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.

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.

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**.