



Australian Government

GEMS Regulator

GREENHOUSE & ENERGY
**MINIMUM
STANDARDS
REGULATOR**

ENERGY RATING PRODUCT REGISTRATION SYSTEM PRODUCT APPLICATION QUESTIONS

AIR CONDITIONERS

AUSTRALIA

Per Greenhouse and Energy Minimum Standards (Air Conditioners up to 65kW) Determination 2019

Unitary Single Duct Air Conditioners Up to, and including, 65kW

February 2022

This form is designed for applicants' internal use only, not for submitting applications to the Australian or New Zealand Regulator.

All applications for product registration must be submitted to the appropriate Regulator via the Energy Rating Product Registration System located at <https://reg.energyrating.gov.au>.

The Regulators cannot accept any applications in hard copy.

Note that this form may be updated from time to time to reflect changes to the Registration System and it is the applicant's responsibility to ensure they are using the latest version.

Any question with a red asterisk (*) next to it is mandatory.

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VERSION CONTROL

Revision Date	Version	Summary of Changes
28 January 2022	1.3	“Exemption” fields added. Improved accessibility.
5 June 2020	1.2	Updated branding.
3 February 2020	1.1	Removed DoEE logo for MoG changes – no change to content.
19 September 2019	1.0	Document finalised.
14 May 2019	0.1	Initial document created.

MODELS AND MANUFACTURER

Product Model Information

Fill in one of the two boxes below, depending on if the product being registered is a single model or a family of models.

FOR SINGLE MODELS

Model Number:* _____ Brand:* _____

FOR FAMILY OF MODELS

What is the family name of the models covered by this application?*

Please provide details for each model covered by this registration:

Note: There is a limit of 10 model number(s) for the determination: Greenhouse and Energy Minimum Standards (Air Conditioners up to 65kW) Determination 2019.

<p><u>#1</u></p> <p>Model Number:* _____</p> <p>Brand:* _____</p>	<p><u>#2</u></p> <p>Model Number:* _____</p> <p>Brand:* _____</p>
<p><u>#3</u></p> <p>Model Number:* _____</p> <p>Brand:* _____</p>	<p><u>#4</u></p> <p>Model Number:* _____</p> <p>Brand:* _____</p>
<p><u>#5</u></p> <p>Model Number:* _____</p> <p>Brand:* _____</p>	<p><u>#6</u></p> <p>Model Number:* _____</p> <p>Brand:* _____</p>
<p><u>#7</u></p> <p>Model Number:* _____</p> <p>Brand:* _____</p>	<p><u>#8</u></p> <p>Model Number:* _____</p> <p>Brand:* _____</p>
<p><u>#9</u></p> <p>Model Number:* _____</p> <p>Brand:* _____</p>	<p><u>#10</u></p> <p>Model Number:* _____</p> <p>Brand:* _____</p>

Manufacturing Information

Tick if the product is manufactured in-house

Please provide the following information on the manufacturer if the product is not manufactured in-house. Additional fields are included if there are more than one manufacturer for this product.

Manufacturer Name:* _____

Manufacturer ABN or Company Number:* _____

Name of Contact Person:* _____

Company Phone:* _____ Company Fax: _____

Company Email:* _____ Company Website: _____

Street Address:* _____

Suburb/Region:* _____ Postal Code:* _____ State/Region: _____

Country:* _____

Is the postal address the same as the street address?*

Yes
 No

If you have ticked No, please complete the postal address fields below:

Postal Address:* _____

Suburb/Region:* _____ Postal Code:* _____ State/Region: _____

Country:* _____

Second Manufacturer

If applicable, who is the second manufacturer?

Manufacturer Name:* _____

Manufacturer ABN or Company Number:* _____

Name of Contact Person:* _____

Company Phone:* _____ Company Fax: _____

Company Email:* _____ Company Website: _____

Street Address:* _____

Suburb/Region:* _____ Postal Code:* _____ State/Region: _____

Country:* _____

OFFICIAL: SENSITIVE

Is the postal address the same as the street address?*

Yes
 No

If you have ticked No, please complete the postal address fields below:

Postal Address:* _____

Suburb/Region:* _____ Postal Code:* _____ State/Region: _____

Country:* _____

Third Manufacturer

If applicable, who is the third manufacturer?

Manufacturer Name:* _____

Manufacturer ABN or Company Number:* _____

Name of Contact Person:* _____

Company Phone:* _____ Company Fax: _____

Company Email:* _____ Company Website: _____

Street Address:* _____

Suburb/Region:* _____ Postal Code:* _____ State/Region: _____

Country:* _____

Is the postal address the same as the street address?*

Yes
 No

If you have ticked No, please complete the postal address fields below:

Postal Address:* _____

Suburb/Region:* _____ Postal Code:* _____ State/Region: _____

Country:* _____

In what country/countries is this product manufactured?*

Sale Information

In what country/countries will this product be sold?* (please tick one or both, if required)

- Australia
- New Zealand

When will this product be (or when was this product) first available for purchase?* (please specify exact date)

LABS & TEST REPORTS

Is a test report provided?*

Yes – a test report is provided (please ensure test report is provided with this form)

What test standard was used?* (please tick one)

AS/NZS 3823.1.5:2015

Which laboratory performed the testing?* - please provide name of laboratory, type of lab (independent or own lab), and street and/or postal address.

Please provide details for each test report, if multiple test reports are provided.

Test Report Number:* _____

Report Signatory:* _____

Test Date:* _____

Test Unit Serial Number:* _____

Comments regarding the product, the test procedure or test results that should be taken into account when assessing the product for compliance:

EXEMPTION

Has an exemption from MEPS performance for this model been granted by the GEMS Regulator? (please tick one) Yes No

If you ticked yes, please answer the question below:

Did your exemption approval letter exempt your registration from payment? (please tick one) Yes No

*Please attach the approval letter to this form so it can be uploaded into the system.**

TEST RESULTS

Test room – indoor type used:* (please tick one) Calorimeter Air Enthalpy

Test room – indoor type used:* (please tick one) Calorimeter Air Enthalpy None

Please provide the following details for each test unit:

<p><u>Test unit #1</u></p> <p>Serial number:* _____</p> <p>Test date:* _____</p>
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<p><u>Test unit #2</u></p> <p>Serial number:* _____</p> <p>Test date:* _____</p>
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<p><u>Test unit #3</u></p> <p>Serial number:* _____</p> <p>Test date:* _____</p>
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<p><u>Test unit #4</u></p> <p>Serial number:* _____</p> <p>Test date:* _____</p>
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<p><u>Test unit #5</u></p> <p>Serial number:* _____</p> <p>Test date:* _____</p>
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Average tested voltage:* _____ V

Tested frequency:* _____ Hz

COOLING TEST RESULTS

Cooling power (With supplementary water):

Rated effective power input:* _____ W

Tested cooling power input:* _____ W

Total cooling capacity (With supplementary water):

Rated total cooling capacity:* _____ W

Tested total cooling capacity:* _____ W

Cooling power (Without supplementary water):

Rated effective power input:* _____ W

Tested cooling power input:* _____ W

Total cooling capacity (Without supplementary water):

Rated total cooling capacity:* _____ W

Tested total cooling capacity:* _____ W

Indicate fan and any other settings for determination of rated capacity:*

Indicate method of obtaining fixed output on air conditioners with variable output capacity.*
(only required to be answered if this model has an inverter driven compressor)

Average true power factor for the cooling test:* _____

HEATING TEST RESULTS

Does this model incorporate electric resistance heating?*

Yes
 No

Heating power:
Rated effective power input:* _____ W
Tested heating power input:* _____ W

Heating capacity:
Rated total heating capacity:* _____ W
Tested heating capacity:* _____ W

Indicate fan and any other settings for determination of rated capacity:*

Indicate method of obtaining fixed output on air conditioners with variable output capacity:*(
only required to be answered if this model has an inverter driven compressor)

Average true power factor for the heating test:* _____

MEPS COMPLIANCE

What sound test standard are you using?* (please tick one)

- EN 12102:2013
- EN 12102-1:2017

Indoor Sound Power Level:* _____ dB(A)

Does this product meet all of the required minimum performance standards?*

- Yes
- No