



Australian Government

GEMS Regulator

GREENHOUSE & ENERGY
**MINIMUM
STANDARDS**
REGULATOR

ENERGY RATING PRODUCT REGISTRATION SYSTEM PRODUCT APPLICATION QUESTIONS

SWIMMING POOL PUMPS

AUSTRALIA

Per Greenhouse and Energy Minimum Standards (Swimming Pool Pump-units) Determination 2021

February 2022

This form is designed for applicants' internal use only, not for submitting applications to the GEMS Regulator.

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

The Regulator 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 an asterisk (*) next to it is mandatory.

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VERSION CONTROL

Revision Date	Version	Summary of Changes
8 February 2022	1.1	Minor wording amendments.
25 January 2022	1.0	Document finalised.
17 January 2022	0.1	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, if it is a family of models:
Note: There is a limit of 10 model number(s) for the determination: Greenhouse and Energy Minimum Standards (Swimming Pool Pump-units) Determination 2021.

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

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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)

If you ticked yes, please answer the questions below:

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

AS 5102.1:2019

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:* _____

No – no test report available but registration details containing test relevant to this product provided

If you ticked 'no test report available, but registration details provided', please answer the question below:

Registration number of the unit whose test forms the basis of this application*:

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.**

APPLIANCE DETAILS

Pump motor speed:* (please tick one)

- Single speed
- Two speed
- Multi speed and variable speed

Please enter a value for either 'Input Power' or 'Input Current' below:

Nameplate input power: _____ W

Nameplate input current: _____ W

TEST RESULTS

SINGLE SPEED

Complete this section if your pump motor is a single-speed pump.

Single-speed pump performance results for rating point on Curve D (single speed)

Please complete one or more of the tables below as required.

Pump speed: _____ min-1	Flow rate:* _____ L/min
Sound power level:* _____ dBA	Power:* _____ W

Pump speed: _____ min-1	Flow rate:* _____ L/min
Sound power level:* _____ dBA	Power:* _____ W

Pump speed: _____ min-1	Flow rate:* _____ L/min
Sound power level:* _____ dBA	Power:* _____ W

Pump speed: _____ min-1	Flow rate:* _____ L/min
Sound power level:* _____ dBA	Power:* _____ W

Pump speed: _____ min-1	Flow rate:* _____ L/min
Sound power level:* _____ dBA	Power:* _____ W

Acoustic test standard used:* (please tick one)

- AS 1217, Acoustic
- ISO 3741, Acoustic
- ISO 3743.1, Acoustic

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TWO SPEED

Complete this section if your pump motor is a two-speed pump.

Low speed performance results for rating point on Curve D (two-speed pump)

Please complete one or more of the tables below as required. You must provide a value for either 'Pump speed' or 'Pump settings', in addition to values for the other fields.

Pump speed: _____ min ⁻¹	Pump settings _____
Flow rate:* _____ L/min	Power:* _____ W
Sound power level:* _____ dBA	

Pump speed: _____ min ⁻¹	Pump settings _____
Flow rate:* _____ L/min	Power:* _____ W
Sound power level:* _____ dBA	

Pump speed: _____ min ⁻¹	Pump settings _____
Flow rate:* _____ L/min	Power:* _____ W
Sound power level:* _____ dBA	

Pump speed: _____ min ⁻¹	Pump settings _____
Flow rate:* _____ L/min	Power:* _____ W
Sound power level:* _____ dBA	

Pump speed: _____ min ⁻¹	Pump settings _____
Flow rate:* _____ L/min	Power:* _____ W
Sound power level:* _____ dBA	

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High speed performance results for rating point on Curve D (two-speed pump)

Please complete one or more of the tables below as required. You must provide a value for either 'Pump speed' or 'Pump settings', in addition to values for the other fields.

Pump speed: _____ min-1	Pump settings _____
Flow rate:* _____ L/min	Power:* _____ W
Sound power level:* _____ dBA	

Pump speed: _____ min-1	Pump settings _____
Flow rate:* _____ L/min	Power:* _____ W
Sound power level:* _____ dBA	

Pump speed: _____ min-1	Pump settings _____
Flow rate:* _____ L/min	Power:* _____ W
Sound power level:* _____ dBA	

Pump speed: _____ min-1	Pump settings _____
Flow rate:* _____ L/min	Power:* _____ W
Sound power level:* _____ dBA	

Pump speed: _____ min-1	Pump settings _____
Flow rate:* _____ L/min	Power:* _____ W
Sound power level:* _____ dBA	

Acoustic test standard used:* (please tick one)

- AS 1217, Acoustic
- ISO 3741, Acoustic
- ISO 3743.1, Acoustic

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MULTI SPEED AND VARIABLE SPEED

Complete this section if your pump motor is a multi-speed and/or variable speed pump motor.

Multi and variable speed performance results for rating points on Curve D (low speed, QD low >= 120 L/min)

Please complete one or more of the tables below as required. You must provide a value for either 'Pump speed' or 'Pump settings', in addition to values for the other fields.

Pump speed: _____ min-1	Pump settings _____
Flow rate:* _____ L/min	Power:* _____ W
Sound power level:* _____ dBA	

Pump speed: _____ min-1	Pump settings _____
Flow rate:* _____ L/min	Power:* _____ W
Sound power level:* _____ dBA	

Pump speed: _____ min-1	Pump settings _____
Flow rate:* _____ L/min	Power:* _____ W
Sound power level:* _____ dBA	

Pump speed: _____ min-1	Pump settings _____
Flow rate:* _____ L/min	Power:* _____ W
Sound power level:* _____ dBA	

Pump speed: _____ min-1	Pump settings _____
Flow rate:* _____ L/min	Power:* _____ W
Sound power level:* _____ dBA	

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Multi and variable speed performance results for rating points on Curve D (high speed, QD high >= 0.8*QD max)

Please complete one or more of the tables below as required. You must provide a value for either 'Pump speed' or 'Pump settings', in addition to values for the other fields.

Pump speed: _____ min-1	Pump settings _____
Flow rate:* _____ L/min	Power:* _____ W
Sound power level:* _____ dBA	

Pump speed: _____ min-1	Pump settings _____
Flow rate:* _____ L/min	Power:* _____ W
Sound power level:* _____ dBA	

Pump speed: _____ min-1	Pump settings _____
Flow rate:* _____ L/min	Power:* _____ W
Sound power level:* _____ dBA	

Pump speed: _____ min-1	Pump settings _____
Flow rate:* _____ L/min	Power:* _____ W
Sound power level:* _____ dBA	

Pump speed: _____ min-1	Pump settings _____
Flow rate:* _____ L/min	Power:* _____ W
Sound power level:* _____ dBA	

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Maximum speed performance results for rating point on Curve D

Please complete one or more of the tables below as required. You must provide a value for either 'Pump speed' or 'Pump settings', in addition to values for the other fields.

Pump speed: _____ min ⁻¹	Pump settings _____
Flow rate:* _____ L/min	Power:* _____ W
Sound power level:* _____ dBA	

Pump speed: _____ min ⁻¹	Pump settings _____
Flow rate:* _____ L/min	Power:* _____ W
Sound power level:* _____ dBA	

Pump speed: _____ min ⁻¹	Pump settings _____
Flow rate:* _____ L/min	Power:* _____ W
Sound power level:* _____ dBA	

Pump speed: _____ min ⁻¹	Pump settings _____
Flow rate:* _____ L/min	Power:* _____ W
Sound power level:* _____ dBA	

Pump speed: _____ min ⁻¹	Pump settings _____
Flow rate:* _____ L/min	Power:* _____ W
Sound power level:* _____ dBA	

Acoustic test standard used:* (please tick one)

- AS 1217, Acoustic
- ISO 3741, Acoustic
- ISO 3743.1, Acoustic