



Introducing the requirements for pool pumps

Suppliers, including manufacturers and importers, of swimming pool and spa pool pumps need to ensure applicable pumps meet the mandatory energy efficiency requirements that start on 1 October 2022.

The requirements are established under the *Greenhouse and Energy Minimum Standards Act 2012* and the *Greenhouse and Energy Minimum Standards (Swimming Pool Pump-units) Determination 2021* (the Determination).

The requirements introduce:

- minimum energy performance standards that increase the energy efficiency of pool pumps covered by the Determination
- mandatory energy efficiency labelling for pool pumps (see Figure 1), which allow consumers to make informed decisions about their purchases.

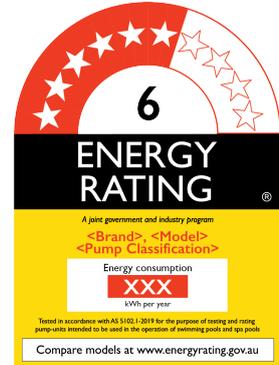


Figure 1 Sample Energy Rating Label

Why are these changes being made?

The changes will support the sale of more energy efficient pool pumps as the market grows, reducing energy consumption and costs for households, and reducing greenhouse gas emissions.

The changes will deliver tangible benefits including:

- further industry investment in innovative technologies
- reduced demand on the energy grid
- long-term cost savings for Australian households.

What are the key changes?

Suppliers need to:

- meet minimum energy performance standards
- have pool pumps tested to the Australian Standard AS 5102.1-2019, *Performance of household electrical appliances - Swimming pool pump-units Measurement of energy consumption and performance*
- register pool pumps by 1 October 2022
- display Energy Rating Labels on their products
- understand and comply with their requirements

These requirements replace the previous Voluntary Energy Rating Labelling Program for Swimming Pool Pump-units (VERLP). The scope, minimum energy performance standards and method for calculating energy star ratings have changed since the VERLP.

What pumps are covered by this change?

Pool pumps covered by this change are those that:

- are designed to be used for spa or swimming pools that hold 680 litres or more (approximately 1 m (L) x 1 m (W) x 0.68 m (H)), prefabricated or not
- have a flow rate of at least 120 litres per minute
- have an input power range of 600–1,700 watts for single speed pumps or 600–3,450 watts for two speed, multi speed or variable speed pumps.

Pool pumps that do not meet this description and second hand pool pumps are not covered.

See [the Technical considerations page](#) on the Energy Rating website for more details.

How is my import, supply or manufacturing business affected?

If you're a supplier, including manufacturer or importer, of pool pumps covered under the new requirements, you will need to understand:

- the [legislation](#) that gives rise to your legal obligations
- the steps for [registering a product](#), including specific [product](#) registration requirements
- the requirements for displaying energy rating labels on your pumps for instore purchases in line with the requirements of the [Greenhouse and Energy Minimum Standards \(Swimming Pool Pump-units\) Determination 2021](#)
- the Greenhouse and Energy Minimum Energy Standards Regulator's [compliance and monitoring program](#) and what it means for you.

We also recommend displaying energy rating icons for website sales, in line with the Determination.

More information

For more information, visit the [Energy Rating website](#) or contact us at energyrating@industry.gov.au

To register visit the [Energy Rating Product Registration system](#)

For detailed information refer to the [Greenhouse and Energy Minimum Standards \(Swimming Pool Pump-units\) Determination 2021](#)

DISCLAIMER: The information in this document is provided as guidance only. This document has been developed to help suppliers better understand their responsibilities under the legislative framework in Australia. This document should be read in conjunction with the *Greenhouse and Energy Minimum Standards Act 2012* and the supporting Regulations and Instruments. Changes to legislation may affect the information in this document. Ultimately, persons are responsible for determining their obligations under the law, and for applying the law to their individual circumstances. This document does not constitute legal advice and is not a substitute for independent professional advice.