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Title: Malaysia sets standards for solar air conditioners

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What is MEPS & energy labeling requirements for air conditioners in Malaysia?

This document provides guidelines for minimum energy performance standards (MEPS) and energy labeling requirements for air conditioners in Malaysia with a cooling capacity  $\leq 7.1$  kW. It specifies testing standards, terms and definitions, star rating indexes based on cooling seasonal performance factor, and MEPS requirements.

What are the SIRIM Ecolabel requirements for air conditioners?

This standard establishes the SIRIM ecolabel requirements for air conditioners and specifies specific environmental requirements regarding hazardous substance content (RoHS), energy efficiency, refrigerants, packaging materials, and recyclable materials.

What does EECA 2024 mean for room air conditioners?

Ir. Ts. Zulkiflee Umar, Director of the Energy Efficiency & Conservation Department, Energy Commission Malaysia, stated: "The revision of the MEPS for room air conditioners under the Energy Efficiency and Conservation Act (EECA) 2024 marks a transformative milestone in Malaysia's transition to sustainable energy practices.

What is a star-rating system for room air conditioners?

The star-rating system for room air conditioners (RACs) ranges from 1-star (least efficient) to 5-star (most efficient), with higher CSPF values indicating better performance and lower energy consumption. These standards help guide local consumers in making informed decisions about energy-efficient appliances.

Suruhanjaya Tenaga has initiated a Study on the Development of National Energy Efficiency Action Plan 2.0 (NEEAP 2.0) in May 2023. The main objective of NEEAP 2.0 among ...

All energy-using product shall meet the Minimum Energy Performance Standard (MEPS) rating of 2-star as

stated in the Energy Efficiency and Conservation Regulation 2024.

Solar air conditioning harnesses the power of the sun to provide cooling, making it an increasingly popular choice in sunny regions like Malaysia. This technology not only ...

A major regulatory advancement under the EECA is the revision of Minimum Energy Performance Standards (MEPS) for Room ...

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Suruhanjaya Tenaga has initiated a Study on the Development of National Energy Efficiency Action Plan 2.0 (NEEAP 2.0) ...

In the long run, solar AC will be positioned as a standard component of energy-efficient construction projects in Malaysia. In Malaysia, hybrid solar air conditioning systems that ...

On 3rd May 2014, ST has enforced the Minimum Energy Performance Standards (MEPS) together with the Electricity Regulations, 1994 ...

A major regulatory advancement under the EECA is the revision of Minimum Energy Performance Standards (MEPS) for Room Air Conditioners (RACs) which will officially ...

Manufacturers and importers shall obtain a Certificate of Efficiency (COE) to distribute energy-using products in Malaysia. Starting from 24th February 2025, we have developed a temporary ...

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On 3rd May 2014, ST has enforced the Minimum Energy Performance Standards (MEPS) together with the Electricity Regulations, 1994 (Amendment 2012) for air-conditioners, ...

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