

This research examines how feasible and effective a solar-assisted air conditioning system can be when it uses parabolic trough solar collectors to power an absorption chiller, drawing on case studies from ...

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Abstract-The aim of this study is the evaluation of the economic and technical viability for the installation of a solar air conditioning system based on parabolic solar concentrators and adsorption technology, ...

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The present study investigates advanced heat transfer enhancement techniques in tubular heat exchangers through the integration of novel ring geometries, passive flow inserts, and ...

REFRIA Hybrid Solar Air Conditioners deliver powerful cooling and heating while drastically reducing your electricity costs. By utilizing solar direct-drive technology, they operate directly ...

This piece will review the need for solar-powered air conditioning, how solar ACs work, and how much you can expect to save on utilities. The benefits of solar-powered air ...

The findings confirm that solar-assisted absorption cooling systems can provide a sustainable and reliable alternative to conventional air conditioning in Libya, with performance ...

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