

Additionally, Ghodbane et al. (2021) conducted a study evaluating a solar-powered ejector air conditioning system to accommodate the warm climate of southern Algeria.

Among the machines that are currently used in the field of air conditioning, the a solar-driven ejector air conditioner on the one hand, because of the air conditioning and cooling required in ...

Air conditioning is one of the indispensable conditions of well-being in human life, so the face of this research to provide this basic necessity in remote areas and in desert places far from power grids. ...

We have calculated the reduction of housing energy consumption for air conditioning and hot water by replacing the system which is based on fossil fuels (oil and gas) by the newly proposed architecture ...

The results revealed that solar air conditioning systems are perfectly adaptable to the Algerian climate with an important annual economy, and that solar desiccant cooling systems are ...

The main aim of this article is to provide an overview of the use of solar energy in Algeria in the cooling field, during the hottest and thus sunniest period of the year. This study focuses on innovative actions ...

Abstract The main objective of this study is to improve indoor air quality by employing a solar-powered liquid desiccant system (LDS) to simultaneously reduce the temperature and humidity ...

In order to understand the behavior and to determine the effective operational parameters of a solar-driven ejector air conditioning system at low or medium temperature, a dynamic model depends on ...

The Solar Air Conditioner is an eco-friendly cooling system that utilizes solar energy to provide efficient air conditioning. It is designed to reduce electricity costs and carbon emissions while maintaining ...



Algeria Solar Air Conditioning

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