

In north Africa and middle eastern countries, and particularly in Tunisia, cooling constitutes a big problem as it is recommended for human and animal breeding. This study aimed to analyze the performance and suitability of an evaporative cooling system powered by solar energy and to assess the economic and environmental impact under Tunisian ...

The solar air conditioning system consists of 39 m<sup>2</sup> linear parabolic trough solar collectors (PTSC), a 16 kW double effect absorption chiller associated with a cooling tower, a backup heater, two tanks for storage and drain-back storage and a set of fan-coils installed in the building to be conditioned.

The storage tank is kept outdoors, since the daily average ambient temperature is higher than the indoor temperature, thus minimizing the energy loss from the storage tank [19]. The cooling loads were variable with the weather conditions and determined ...

Numerous researchers have conducted parametric studies to investigate the influence of critical design factors, such as storage tank ...

Numerous researchers have conducted parametric studies to investigate the influence of critical design factors, such as storage tank capacity, solar collector slope angle, and area, on the...

They concluded that the best system configuration consists of a 50 m<sup>2</sup>; flat plate collector and a hot water storage tank of 1.8 m<sup>3</sup>. In Tunisia, a feasibility and sensitivity analysis of the...

In these applications, the accuracy of solar radiation and ambient air temperature are crucial. Tunisia has a Mediterranean climate characterized by a high level of the solar resource. Tunis, the capital of Tunisia, is located at 36<sup>o</sup>; latitude and 10<sup>o</sup>; longitude.

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solar cooling, their way of operation, advantages and limits. They analyzed the technical and economic feasibility of solar absorption cooling systems, designed for two different application...

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PIRECO, EPC contractors for Oil and Gas projects, Power Generation, Chemical industry in Tunisia,



# Cooling storage tank Tunisia

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MSGI is a Tunisian company of metal construction, it makes available to its customers a wide range of telecommunication towers, lighting pylons and hot galvanization in Tunisia

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