

Title: Solar still review

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This review study thoroughly examines the performance variables influencing solar stills, such as reflectors, varying water depth, design, geometry, ambient temperature, and solar intensity.

Comprehensive Review on Solar Stills--Latest Developments and Overview. This up-to-date and comprehensive literature study provides a rich overview of recent developments in several ...

This paper presents an in-depth review of recent technological advancements in solar stills aimed at enhancing desalination efficiency and environmental sustainability.

In order to identify which solar still design is ideal for household and commercial use, this review article examines active and passive solar still designs from the past 20 years.

Solar stills represent a crucial technology in the quest to provide clean and accessible water, particularly in regions facing water scarcity and limited energy resources. This study ...

Among desalination technologies, solar stills require low maintenance and are readily affordable; however their productivity is limited.

This review examines a large number of theoretical, experimental, and computational studies connected to the single-slope, double-slope, solar still with a condenser, hybrid, and other ...

This review presents a comprehensive analysis of recent advancements in solar still technologies, with a particular emphasis on innovative materials, thermal management strategies, ...

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