

Solar Atmospheric Water Generator



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List of all Codes and Standards

This page provides a list of all ASME codes & standards including the industry famous B31.3, BPVC, Y14.5 and more.



Content for Mechanical Engineers & Technical Experts

Explore the latest trends in mechanical engineering, including such categories as Biomedical Engineering, Energy, Student Support, Business & Career Support.



STANDARDIZED STEAM PROPERTY TABLES

Steam property data was amassed beginning in that such knowledge was needed to design or improve machines to efficiently utilize steam, for example, a steam locomotive or a steam turbine to drive an



Harvesting Water Out of Thin Air

A device built by MIT researchers extracts water from the air in Death Valley, California, using solar power and smart materials.



6 Innovative Atmospheric Water Generators

Check out the Innovative Atmospheric Water Generators with ASME. Atmospheric water generators (AWG) are now being developed to squeeze water from the air.

Clean Water and Green Hydrogen from Sunlight

The team integrated both materials "to create a hybrid photocatalyst-photothermal sheet, which is a self-contained floating device capable of efficiently harnessing the entire solar spectrum,"



Power Piping

ASME B31.1 covers piping systems typically found in electric power generating stations, industrial plants, geothermal heating systems, and heating and cooling systems.

Performance Test Codes

Information on ASME performance test codes, including power production, combustion and heat transfer, fluid handling, and emissions.



Harvesting Water from the Air

An open-source nickel titanium-based dehumidifier offers an energy efficient way to get water out of the atmosphere, presenting a possible solution for drinking water shortages.

Topics & Resources for Engineers & Technical Experts

Get all updates regarding Bioengineering, Design & Manufacturing, Power & Energy, Standards & Certification Technology & Society only at ASME.



[Best Solar Atmospheric Water Generators for](#)



[Best Solar Atmospheric Water Generators for Home and Off-Grid Use](#)

Atmospheric water generators (AWGs) that run on solar power offer an innovative and eco-friendly way to produce fresh drinking water from the air. These systems are ideal for remote

[Pure Water Production](#)

Solar atmospheric water generators provide an innovative solution for extracting clean drinking water directly from the air using renewable energy. Ideal for off-grid living, emergencies,



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