

# 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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