

# Hemispherical solar panels

In a hemispherical solar still, solar radiation heats saline water in a black-painted basin, causing evaporation (Khelifi et al., 2025). The vapor rises and condenses on the inner surface of the ...

The hemispherical solar still (HSS) consists of a hemispherical glass or plastic cover that traps solar radiation and directs it onto a sloped surface, where the water to be purified is ...

