

EXTENDED ATMOSPHERIC WATER HARVESTING MODULE**ABSTRACT**

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An atmospheric water harvesting system to harvest high-quality potable water from the ambient air by way of a condensation cycle over an extended temperature range as low as 5°C (41°F) through an air energizing unit that mixes and energizes ambient air. The system utilizes sensors to monitor and predictively respond to multiple parameters, and efficiently adjusts system operation to maximize water production capability.

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Figure 1

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