A device to make drinking water out of water in the atmosphere!

Credit: Watergen USA

Water.org reports that 785 million people around the world have little or no access to clean, safe drinking water. We know that about 60% of an adult’s body is made up of water. It is more in children. So this is a pretty vital (important) natural resource to have access to! Lack of water leads to health issues, and the spread of infection and disease.

Some countries have clean drinking water accessible from their taps. In India, we need to boil and filter the water we get before drinking it. This is to take out microorganisms and harmful metals from the water. But there are many areas where groundwater is not available, or if it is, the people do not have access to appropriate filtration systems.

But we know that we have water in the air. Air conditioners help to control the humidity in the air. In fact, in humid climates, some people run ‘dehumidifiers’, to suck out the water from the air so that it doesn’t stick and collect on walls and in corners, encouraging the development of mould.

New technology: Watergen is an Israeli company that recognised this, and came up with a technology and system that looks like a water dispenser, but sucks out water from the atmosphere, cleans and filters it, and can give upto 27 liters of drinking water a day! And the next best part? It runs on electricity or on solar power. It also cleans and purifies the air.
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