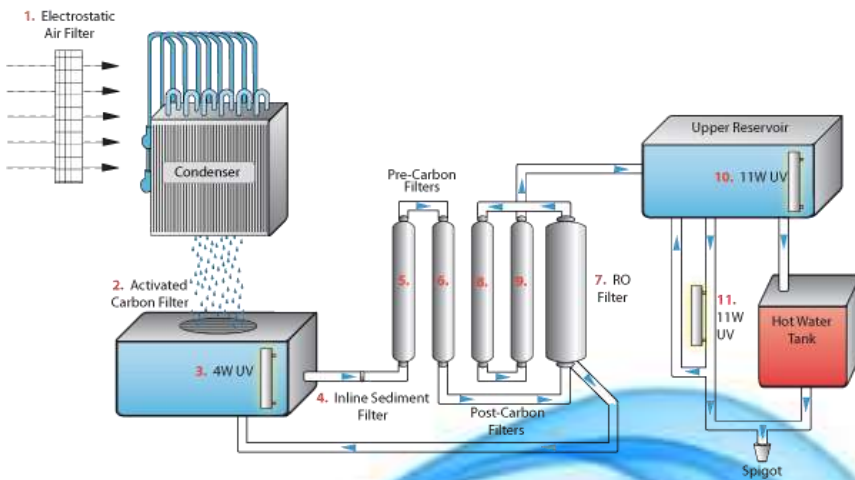


ATMOSPHERIC WATER GENERATOR (AWG)

Free Cool Atmospheric Water Generator (AWG) is a device that extracts water from humid ambient air. Water vapor in the air can be extracted by condensation - cooling the air below its dew point, exposing the air to desiccants, or pressurizing the air. Unlike a dehumidifier, an AWG is designed to render the water potable. AWGs are useful where pure drinking water is difficult or impossible to obtain, because there is almost always a small amount of water in the air that can be extracted. The two primary techniques in use are cooling and desiccants.



The extraction of atmospheric water can require a significant input of energy. Some **Atmospheric Water Generator** AWG methods are completely passive, relying on natural temperature differences, and requiring no external energy source.

