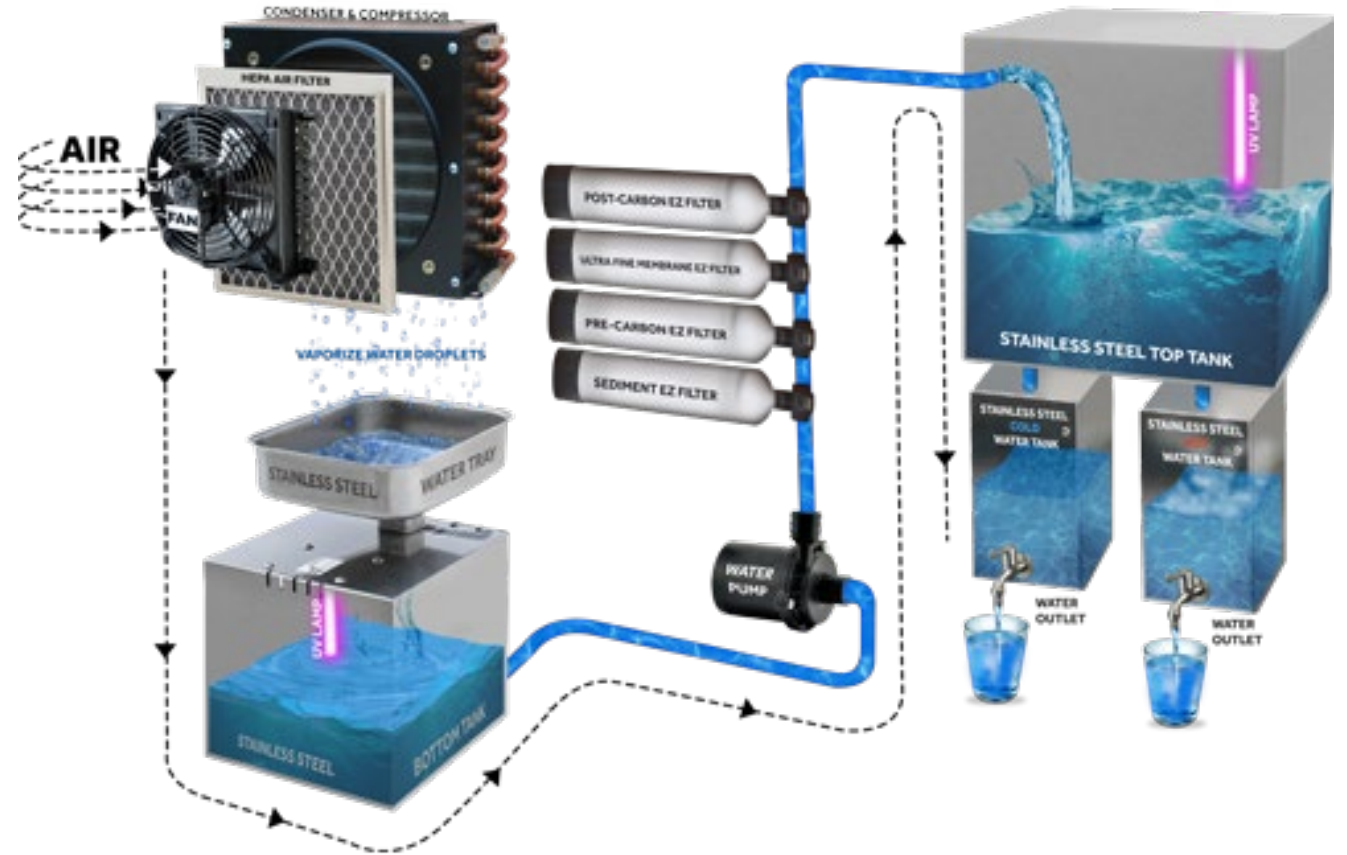




Extracting Water from Air Multi-Stage Processes

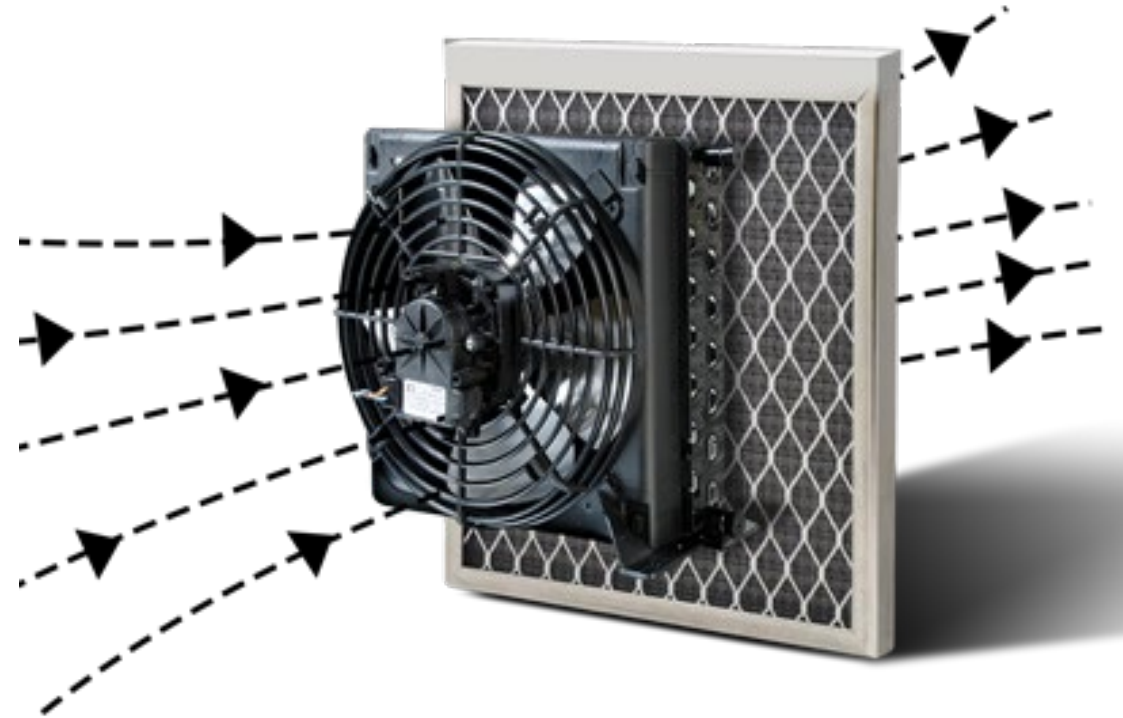
GTG Processes

GTG manufactures an atmospheric water generator appliance that is driven by humidity and temperature conditions. The Higher the relative humidity (water vapor content in the atmosphere) and the higher the temperature, the greater the water output.



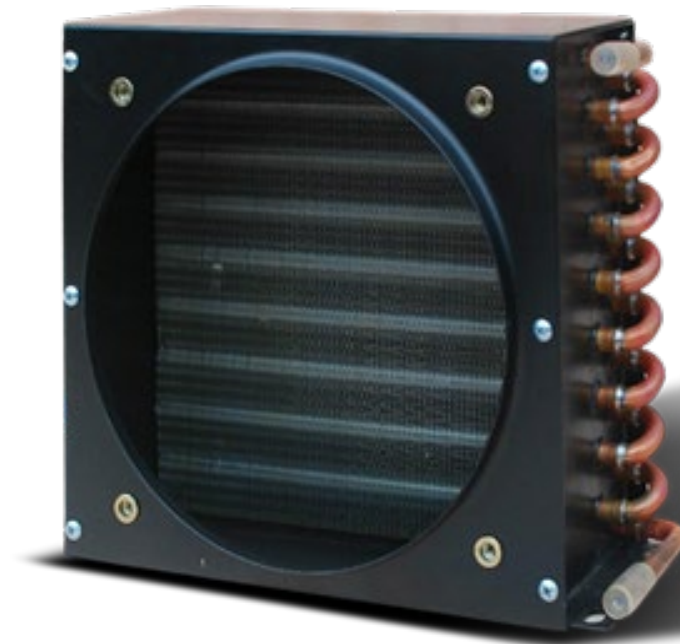
GTG Collection Process

The HEPA Air Filter prevents the entry of dust and other micro-particles/impurities in the air from entering the appliance. This ensures clean water production even in cities with the most polluted air (high particulate concentration)



GTG Condensing Process

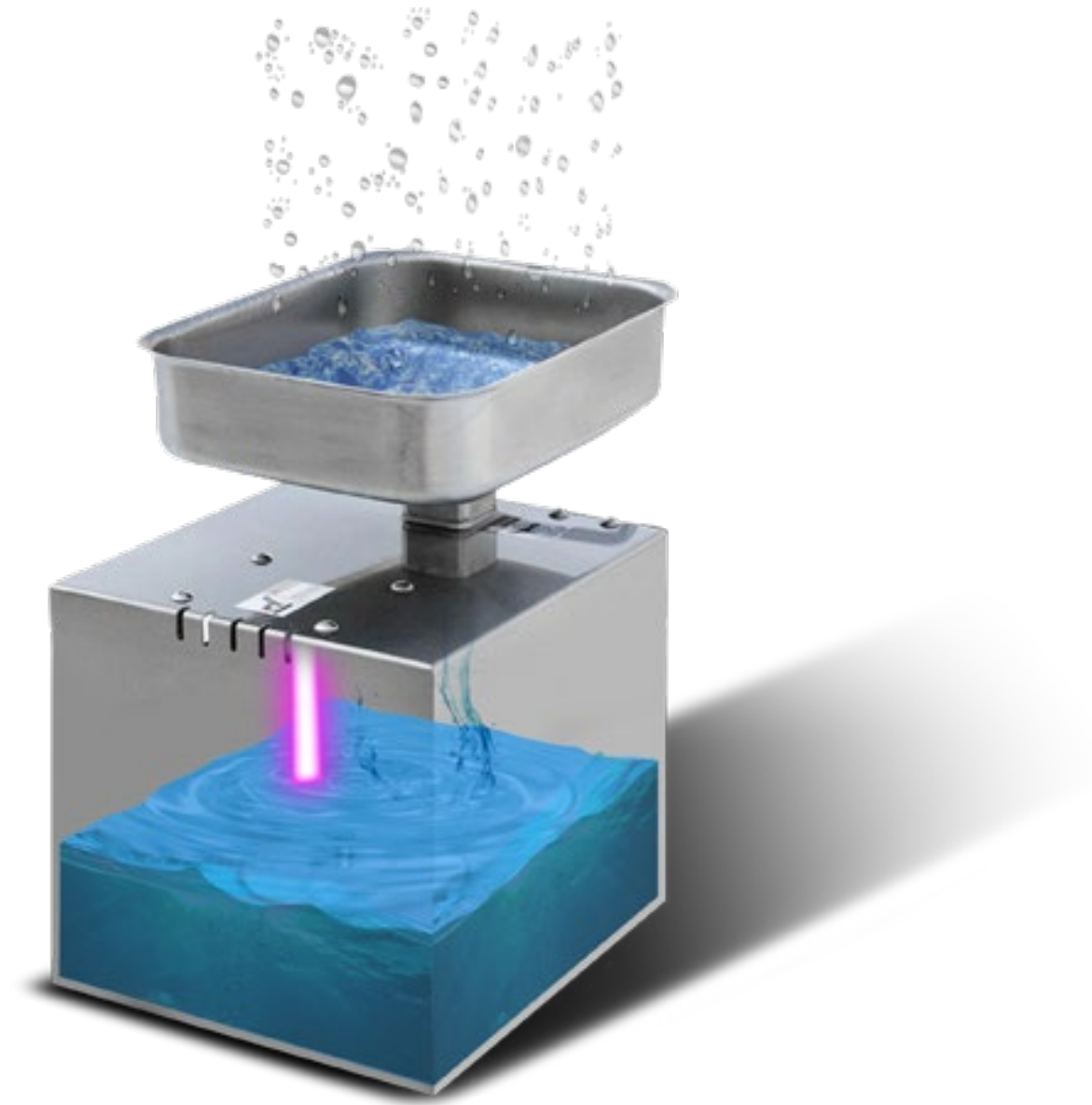
The condenser ensures effective condensation of water from vapor form to liquid form. The type of compressor greatly determines the efficiency of the appliance.



GTG offers 80% RH compressors which work effectively in equatorial climatic conditions with moderately high humidity and temperature (30-100% RH, 15-45°C). We also offer 60% RH compressors which deliver the same output as an 80% RH compressor even at lower humidity (25-100%) and temperature regions.

GTG Draining Process

The dual UV sterilization process ensures disinfection of all contaminants in the condensed water.



GTG Filtration Process

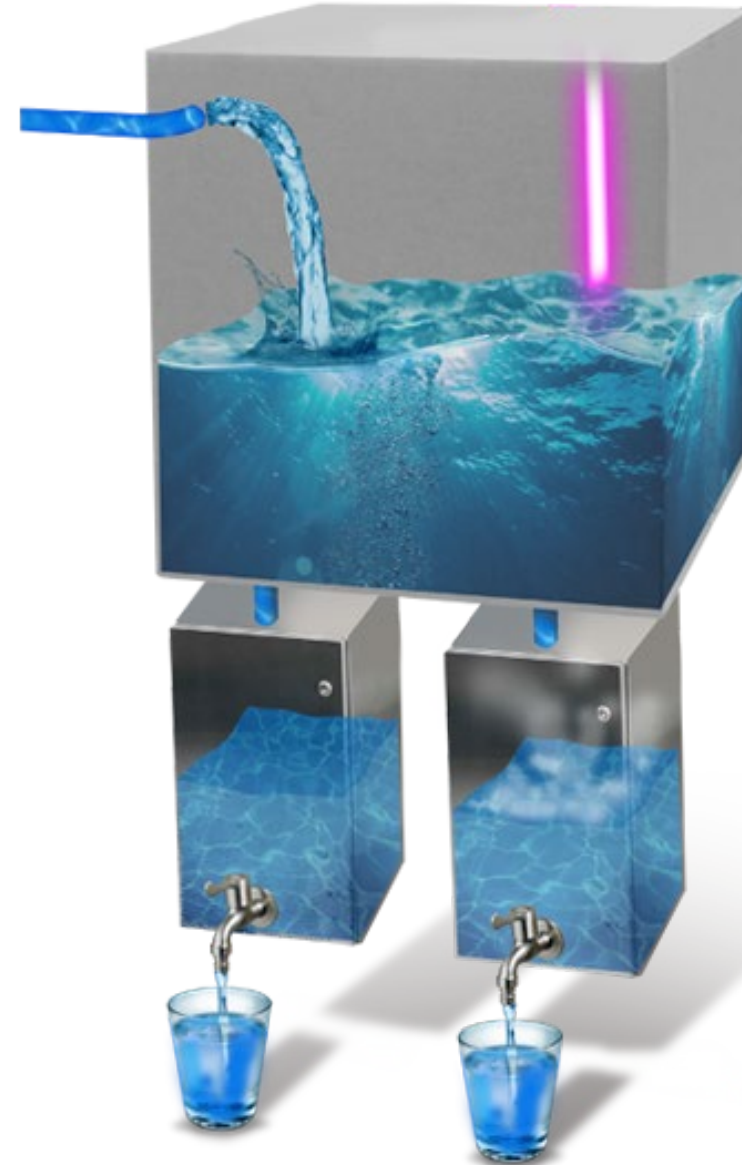
The Sediment filter, ROF filter membrane and the micro filter traps any residual micro-particles that may be suspended or settled in the water making it pure, safe and completely fit for consumption.



GTG Delivery Process

Water is stored in the drinking water storage tank and is sterilized and filtered right before consumption as well.

Safety, simplicity and sustainability rank high in our technological innovations.



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