



**FEASIBILITY STUDY AND PREQUALIFICATION  
TO DETERMINE PROPER OPERATING CONDITIONS  
FOR WATER FROM AIR ATMOSPHERIC WATER GENERATORS  
AT YOUR LOCATION**

**Are you considering purchasing an Atmospheric Water Generator?**

Yes, the Water from Air units are designed to be plug and play and are delivered fully assembled.

However, NO TWO LOCATIONS ON EARTH (x,y GPS coordinates) have exactly the same TEMPERATURE and RELATIVE HUMIDITY.

The ability to harness Water from Air to produce Fresh Drinking Water comprises a complex and proprietary multi-step process. GTG's AWG units intake air from the atmosphere and convert it to water via humidification and then advancing the water through multiple filtration processes to create pure, tasty and healthy potable water.

**Can your location support optimal daily and sustainable Fresh Water production?**

Simply designating a location to place the equipment that is convenient to you without gathering scientific data may result in failure and disappointment, as well as blame on the equipment.

In reality, the haste to purchase a unit, plug it in and pray for water production will be frustrating and will not meet your expectations to take advantage of alternative methods to ensure constant Fresh Water production.

GTG takes a conservative approach to determine *Feasibility for Success*.



**Mother Nature is difficult to harness but can assist in the decision-making process**

Climate change and Environmental factors may influence the ambient Temperature and Relative Humidity. GTG is weather agnostic.

We analyze the ambient conditions over a short time period by employing the use of a **digital hygrometer to chart multiple readings per day of both TEMP and RH over a minimum One Week (7 day) period.**

The results are analyzed to compare actual conditions on the ground to our factory calculations.

To illustrate this point here this chart shows our mathematical values for ambient TEMP and RH for the GTG

| GREEN TECHNOLOGY GLOBAL<br>Atmospheric Water Generator |      | 250L       |            |            |            |            |
|--|------|------------|------------|------------|------------|------------|
|  |      | Humidity   | 50%        | 60%        | 70%        | 80%        |
| Temp.  |      |            |            |            |            |            |
| Degrees F  | 0°C  | Negligible | Negligible | Negligible | Negligible | Negligible |
| 59   | 15°C | 43.9       | 56.2       | 80.5       | 87.7       | 114.0      |
| 68   | 20°C | 71.3       | 79.7       | 98.8       | 112.6      | 155.4      |
| 77   | 25°C | 90.3       | 113.7      | 160.4      | 190.8      | 234.7      |
| 86   | 30°C | 115.3      | 158.0      | 221.2      | 250.0      | 315.0      |
| 95   | 35°C | 136.1      | 186.5      | 261.1      | 295.0      | 371.7      |
| 104  | 40°C | 156.8      | 214.8      | 300.7      | 339.8      | 428.2      |
| 113  | 45°C | 178.3      | 244.2      | 341.9      | 386.4      | 486.9      |
| 122  | 50°C | 198.2      | 271.6      | 380.2      | 429.7      | 541.4      |
| 131  | 55°C | 220.1      | 301.5      | 422.1      | 476.9      | 600.9      |



Over the course of 24 hours, you will note that there are fluctuations in TEMP and RH; both outdoors and indoors, these values are not constant but fluctuate.

Temperatures rise during the day and lower at night.

Relative humidity is determined by the amount of moisture in the atmosphere and also constantly changes.

*Only a controlled environment ensures constant TEMP and RH will the AWG unit be operating at optimum production levels.*

**Will my AWG unit be able to produce Fresh Drinking Water at an acceptable level once installed?**

GTG advises that acceptable production levels are:

**Temperature ranges from 59 to 113 degrees F  
and Relative Humidity at a minimum threshold of 30% to 90%**

*Here is the rule of thumb:*

*The higher the RH within the acceptable TEMP ranges, the better chance to produce book value levels of Fresh Drinking Water.*

### **Decision to Purchase**

GTG's engineering team is available to assist you with setting expectations and reviewing the results of your feasibility study regarding TEMP and RH.

Contact our Marketing Department at [amo@GreenTechnologyGlobal.com](mailto:amo@GreenTechnologyGlobal.com) or call 224-425-9236.