

**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. AWG units intake air from the atmosphere and convert it to water via dehumidification 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.

Take 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. The AWG is weather agnostic.

You should 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 calculated values for ambient TEMP and RH for the AWG

Atmospheric Water Generator Water from Air Production

250L

| Humidity | | 50% | 60% | 70% | 80% | 90% |
|-----------|------|------------|------------|------------|------------|------------|
| 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?

The 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.

Can my AWG be placed indoors to regulate ambient temperature and control the relative humidity?

Yes. Grow/Hot houses enable conditions to regulate water and atmospheric conditions conducive to growing healthy, organic food.

Attached garages were invented to keep cars out of the elements.

Construction of new homes is now taking into consideration an expanded utility room to accommodate Atmospheric Water Generator production units.

Can I install an Atmospheric Water Generator to decentralize freshwater delivery now provided by my utility company?

Alternative delivery methods to Point of Use locations is now being considered by water utility companies as a way to relieve the burden of diminished water supplies caused by water scarcity and mitigate costly water purification. AWGs are 100% independent of existing water resources or municipal infrastructure and produce fresh, tasty and pure drinking water.

About the Author

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