



## DIY Atmospheric Water Generator

by [chesterjohn](#) on August 3, 2012

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## Intro: DIY Atmospheric Water Generator

### Atmospheric Water Generator

#### Parts

- 1 - New Dehumidifier (this brand is Kolin) \$225
- 1 - New Extreme Water Filter system (hardware or Home shops) \$25
- 1 - 32" piece of clear vinyl tubing (found at Aquarium shops) \$3
- 1 - Servo Voltage Regulator (in case of power fluctuations) \$75
- 2 - 4"X9" 3M scrubber pads \$2
- 1 - Zip tie 10cents

#### Tools

- 3/4 inch drill with a 1/2 inch drill bit
- Philip Screwdriver
- Scissors

#### Instructions

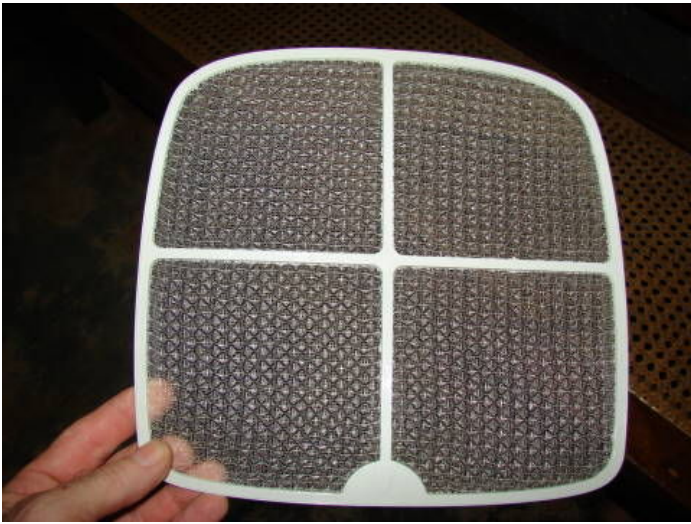
- 1) Remove all covers to your new dehumidifier. Rinse inside out thoroughly with garden hose. don't use high pressure will damage condenser flanges. dry completely before using.
- 2) Remove knock out for hose on back cover
- 3) Run clear vinyl tube through knock out and attach to hose connector inside the Dehumidifier (this will by pass the internal one gallon reservoir )
- 4) Cut the 3M scrubber pads to fit air filter holder on front of machine for air filter (original filter does not trap a lot of dust) attach filter holder to front panel.
- 5) Wash water filter Unit and filter before use. This unit has a 1 micron ceramic filter in top and a five stage filter in the bottom.
- 6) Drill hole in top of filter unit and run vinyl tubing into the filter. Be sure not to crimp hose. Place top on filter unit.
- 7) Plug unit into servo regulator and you are ready to make water from the air.

Turn on machine run for 6-8 hours depending on humidity levels to fill upper filter area.

Allow water to filter into the lower storage area.

Water comes out Neutral at 7.0 pH after filters it will be around 7.4-8.0 depending on what type of mineralization filters you used







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### Comments

1 comments [Add Comment](#)



**chesterjohn** says:

This unit cost around 9 cents per hour to operate. Makes 4 gallons in 12 hours at 82% humidity.

Enjoy!

Aug 3, 2012. 3:03 AM [REPLY](#)