

Development of the Hydrogen Generator

Hydrogen on Demand HHOD is already used on many cars today, for more information on how you can do it yourself go to [youtube.com](https://www.youtube.com), and in the search box type burn salt water or Hydrogen on Demand. A basic concept of a simplified 12 volt version of my first Hydrogen converter @ just 15 amps.

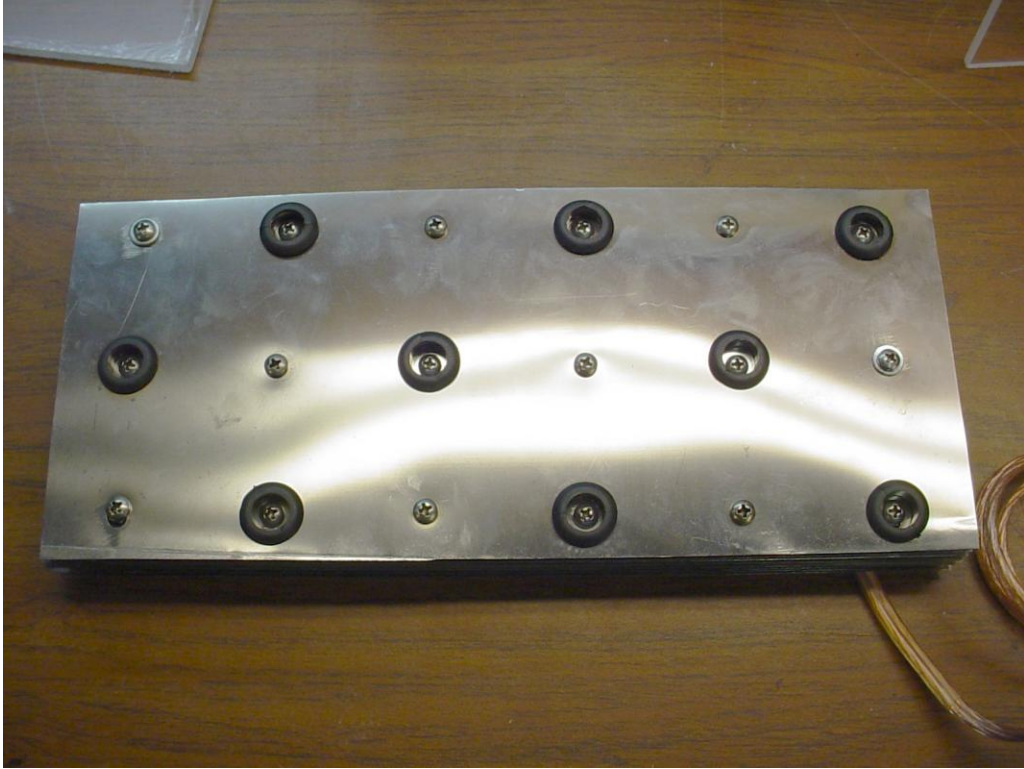


Using stainless steel plates .010" thick with .125" thick nylon washers for spacers between plates, staggering positive negative so on... tie all the (+) and (-) plates together. With the stainless steel mounting bolts. The rubber grommets are to ensure that each polarity is insulated from the opposite polarity bolts.



Electrolysis Grid

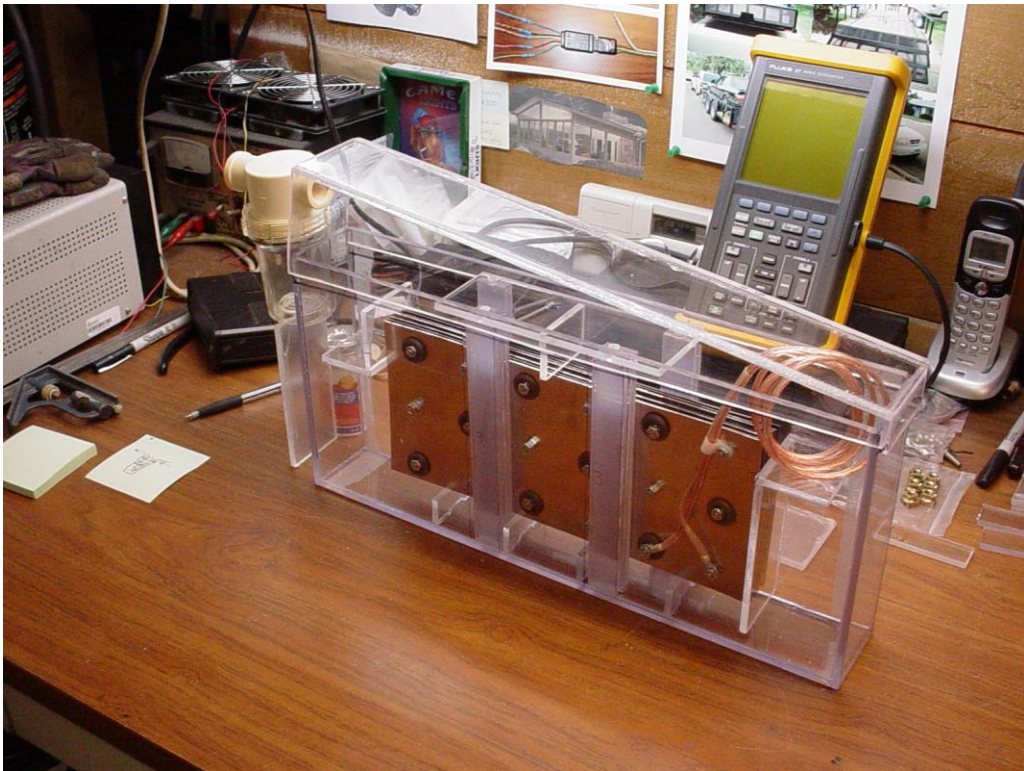


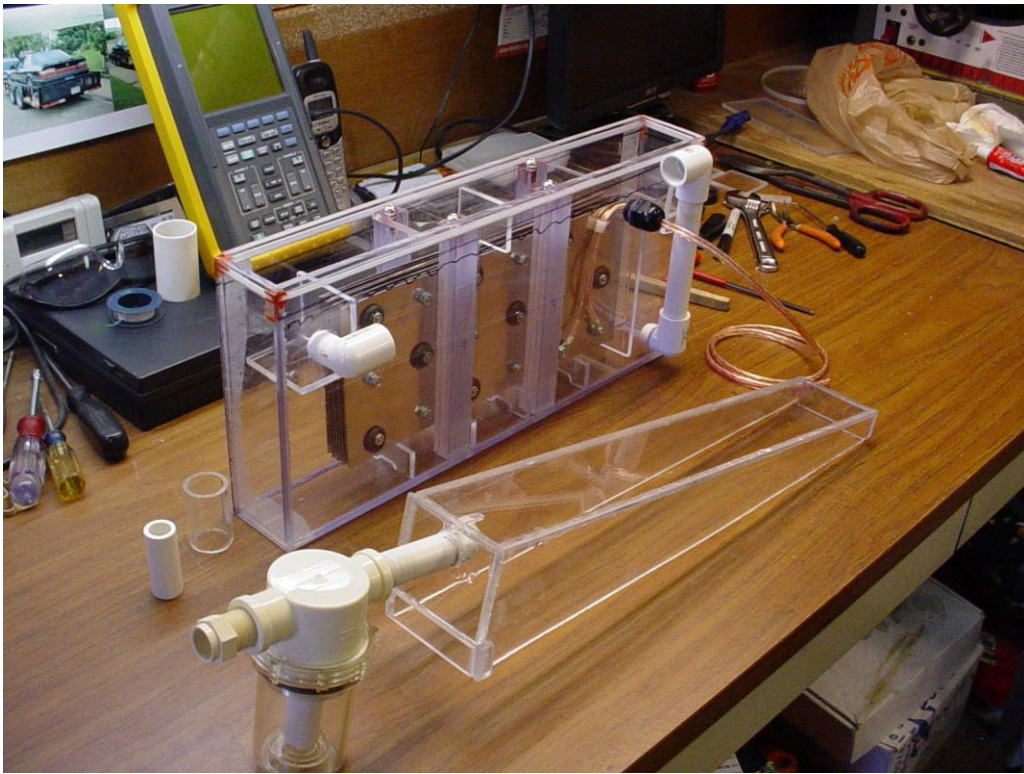
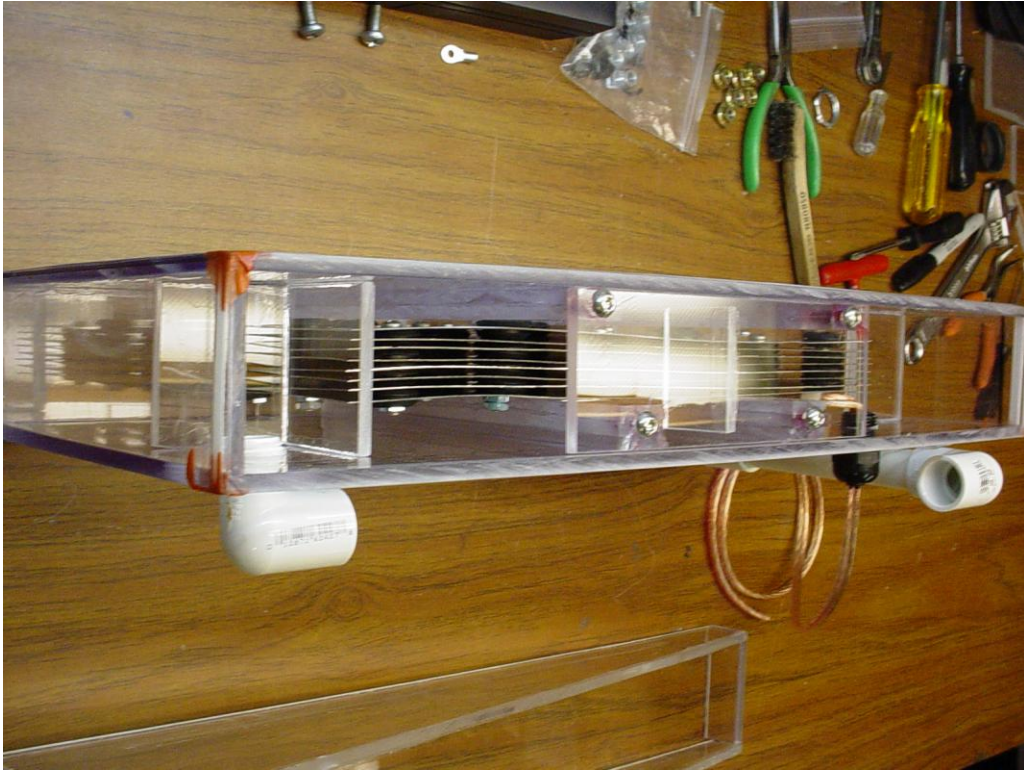


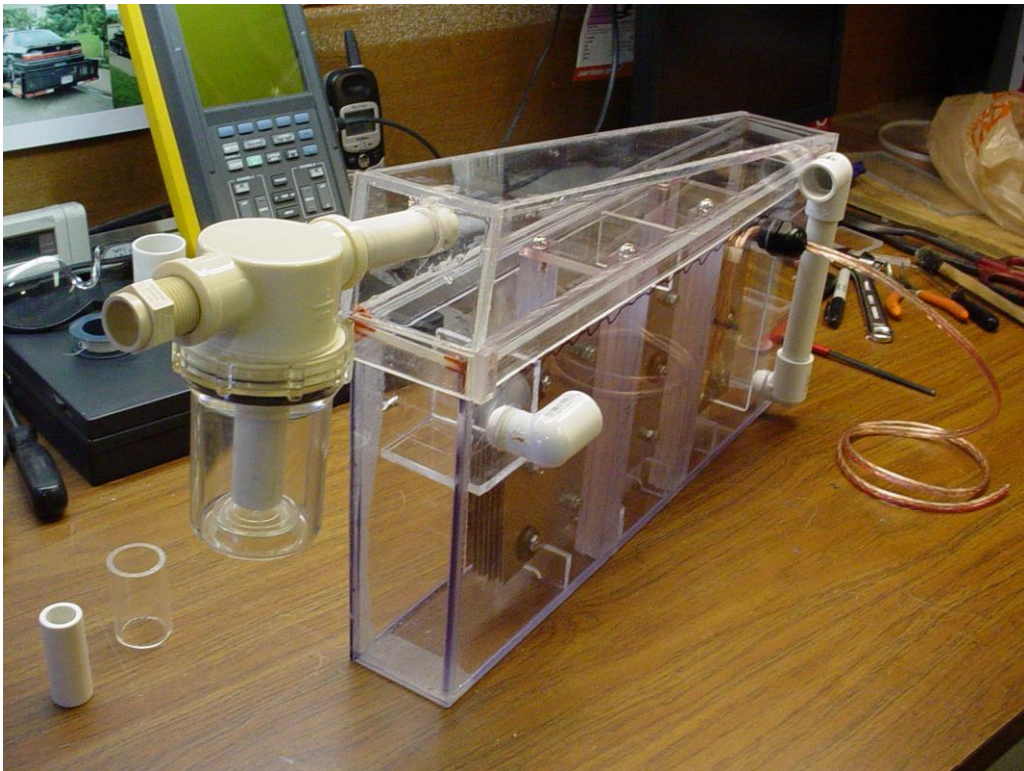
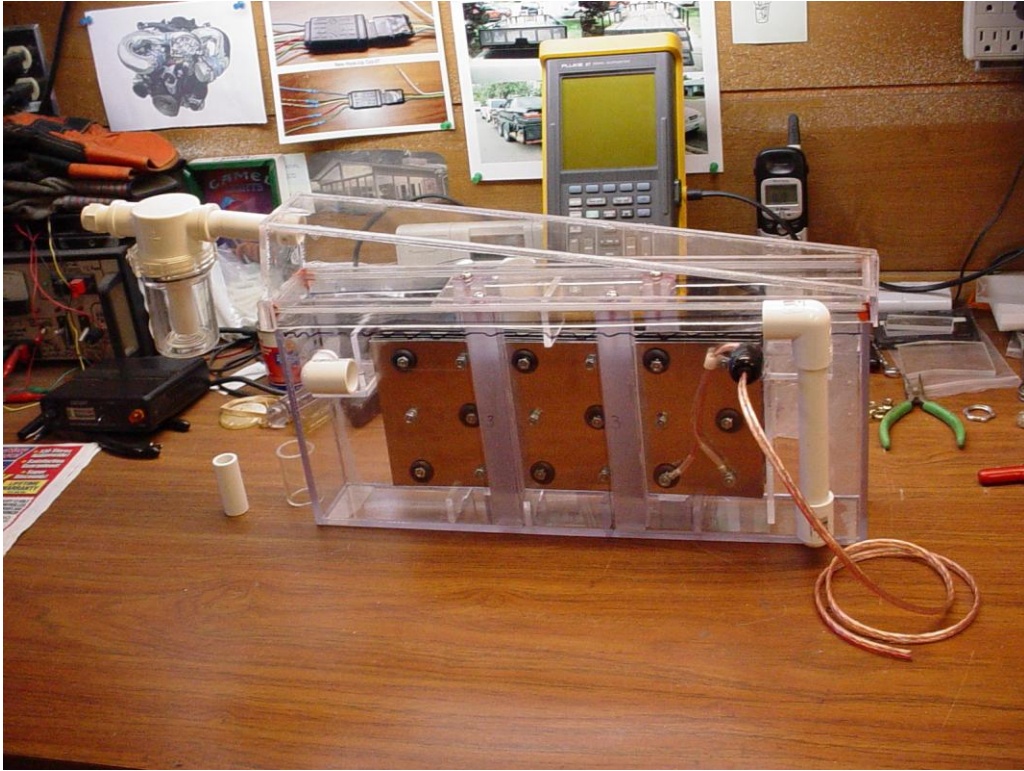


You will need a voltage control for turning down the voltage, 12 volts, it just makes way too much Hydrogen, and the voltage control should be capable of 15 amps of current a salinity of two table spoons of salt per gallon of water. If you need more salt to prevent freezing in sub zero weather just add a few more spoons but you will draw more current. At 14 volts this makes more Hydrogen than Mr. Coffee. A check valve is also a good idea if you hook it to an engine, also do not let the system pressurize more than 5 psi if you build a hi pressure system going over 35 psi the connections will all have to be stainless steel pressure vessel rated type. A pop off on a vent tube is also good. Hook the voltage controller up to the accelerator linkage. Also you will want to get good head temperature readings when first adjusting the metering of the Hydrogen production; too much hydrogen gets hot real quick, and remember, a little bit goes a long way.

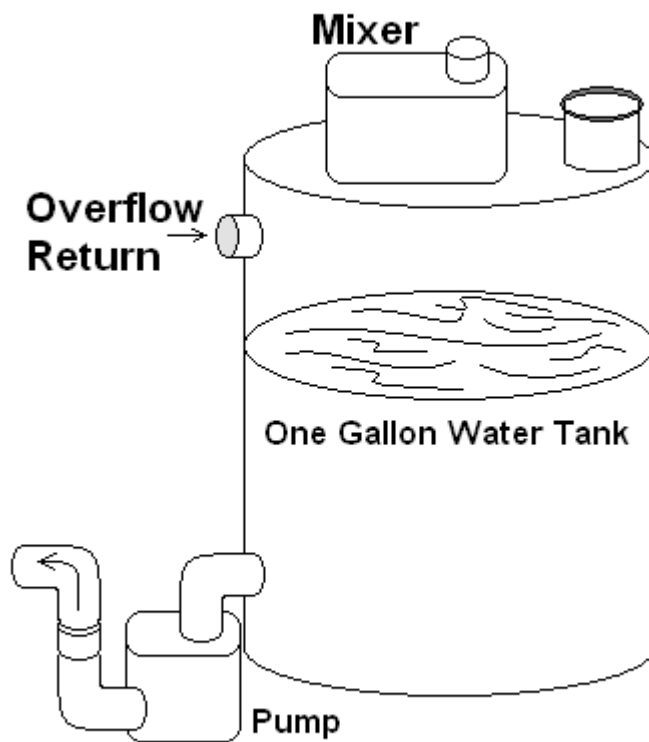
Now a word of safety. Remember this a fuel, and you should check out what other inventors have done for precautions on [youtube.com](https://www.youtube.com) make sure you understand the dynamics of Hydrogen and it's lighter than air properties.







The connections on the side of the box are for the recirculation pump and tank assembly. This is where the water and salt are added maintaining water level and salinity at a consistent circulation for the generator to maintain a consistent output.



Just another interesting note is that one of the world's largest aquifer under the continental US from the Rockies to the Appalachians is brimming with brackish water that could be converted by interior States, running steam turbines from releasing the Hydrogen for all the fire they need for heating the salt water to

steam than they could recover all the free fresh water they could use from the exhaust for irrigation.

The one thing our automotive manufactures should do is develop all new vehicles to use Hydrogen on Demand systems. Not high pressure vessels that have 3,000 psi. In them just waiting for a collision to go BOOM. They wouldn't need a tow truck, just a broom. On the other hand Hydrogen on Demand is made from water if you have a crash there isn't any hazardous material to clean-up. And you will not get vaporized.

Oh yes I almost forgot, the salt can be used for the pop-corn because they will not need to use all corn on the planet for fuel.

Hydrogen Extraction HHOD; The Future.