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An energy and eco/budget friendly (solar powered) air conditioning/refrigeration system

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Abstract

Aim: Producing a Revolutionary Air Condition/Refrigeration System that is Energy and Eco/Budget friendly

Method: - Place the pedestal/Floor Fan at a convenient position where it can Oscillate air round freely, clip the Copper Pipes (Ice Block making kits), around the Fan surface, attach and clip the transparent rubber Pipes at the edges of the Copper Pipes, connect the transparent Rubber pipes at the edges of the Copper Pipes, connect the transparent Pipes to the Digital Fountain Pump, one of the Pipes should be connected to the output of the Fountain Pump, the Fountain Pump should be dipped into the water in the fish bowl, the fish bowl is filled with Distilled water (or half filled with Distilled water), it is placed inside the empty Aquarium Glass, the second Transparent pipe, that is coming from the Copper pipes (Ice blocking making kits) is Dipped into the water in the fish bowl, that water is containing the Digital Fountain Pump, the Pump sucks water from the bowl, through the inlet/input opening then sends it out through the outlet source, the water moves through the outlet source, circulates round the Copper Pipes (Ice Blocks making kits), after passing through the Transparent rubber Pipe, the moment the Digital Fountain Pump is turned-on, the circulation starts. A Digital Thermometer and Digital Barometer are attached to a side of the empty Aquarium Glass, the cover of the Aquarium is made of a Glass/re-enforced Fiber Glass with two perforated holes, on the first perforated hole, an airtight Vacuum Pipe is inserted, it is carrying a Digital Vacuum Pipe Gauge and Valve on the top, it is also connected to a Vacuum air Pump, (However some recent designs have the digital gauge and valve on the Pump)

Conclusion: The Experiment was a Success, an Air Conditioning Objective was achieved, this was done with the Power of 1.35 KWH, the AC/DC Adaptor can aid a Conversion from AC to DC and vice versa (As earlier explained). This feat was achieved with a Budget of $109.00, it is by far lower than the current budget for an Air Conditioner, which is $546.00, the Budget could be lower if some Hardware are locally Fabricated, e.g. the Vacuum Pump and the Fountain Pump can be locally Fabricated, the Technical Know-how is readily available on the Internet, Resources are on Wiki-know, Google, Wikipedia etc. However most of the materials that were used for this work were procured from online sources like Amazon, eBay and Alibaba, some were gotten from off-line Sources like Walmart, Target, BJ Store etc. the Running Energy is cheaper, for a 12 Hours Running Energy, it is 3.3 KWH while a 1 Ton A.C used up 42.204 KWH.

Biography

Nkan Enobong G B is currently working Head of Research project at Bishop Nkanmulticontracting LLC.

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