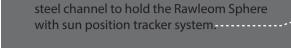


Rawlemon Sphere 6m Diameter, concen-





300mm dia. Rotor system to control speed of VAWT wind turbine

2000mm wide section vawt wind blade rotates at the cutting speed of 4m/s wind

800mm recycled galvanized steel metal post, act as structure for the skin system,

also controls the rotation of the wind mill

1800 mm wide lighting box glued on the vawt wind fin. The idea is to lit this lighting

element up at night, which gives rise to

kinetic light installation when the vawt

rotates at night







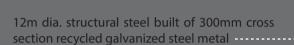




Material of Blades: Anodized Aluminum

P/N: DS15-G000-00-3 Rated Pow er: 1.5 KW Rated Wind Speed: 12 m/s Rated Speed: 250 rpm Cut-In Wind Speed: <3 m Cut-Out Wind Speed: 15 m/s





150 mm dia wind vent pipes, ejecting hot steam from the boiling vessel below. The steam so produced allows faster rotation of vawt system

300mm x 250mm recycled galvanized steel channel to hold the Fresnel Lense Unit

7m dia and 6m in height volume of container to tore hot steam and then transfer it above to the





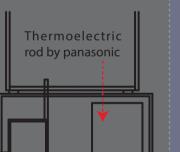
The Fresnel lens reduces the amount of material required compared to a conventional lens by dividing the lens into a set of concentric annular ections. An ideal Fresnel lens would have infinitely many such sections. In each section, the overall thick-Water heating is the second largest energy expense in your

home. It typically accounts for about 18% of your utility bill. The solar desalination and heater system designed can generate enough water to supply 4000 homes per day.



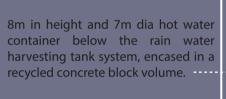
suck 2.5 watts of electricity out of hot water running through a 10 centimeter section of water of 10 °C outside the tube. The power density corresponds to as high as 10 kW with

pipe.It can generate 1.3 W of electricity by running hot water of 90 °C inside, and cold only 1 m3 of volume. The tube can produce electricity from hot water by creating temperature differences between the different thermoelectric materials with low and high thermal conductivity.By generating electricity from the temperature difference between the inner and outer parts of the tube, it achieves capacity of more than



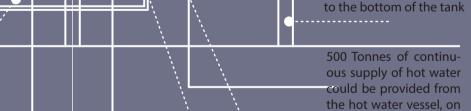
speed of the vawt system above. enerator room for vaw

> 8m in dia and 3m height, integrated generator box for the vawt system above, encased in a recylced concrete



Specially designed chamber to install Water Pump system, duly controlled by an arduino micro controller for smooth flow of water of varied temperatures across different zones of the system. It also optimizes and controlles the rotator

Generated Electricty from the vawt system , off to the main sub station



hours of sunshine Innovative Photelectric rod developed by Panasonic, capable of efficiently producing electricity from hot and cold water systems is located here

11m Dia 500mm section, recycled galva-

nized steel structural ring attached to the central post and holidng the outer skin,

specifically against wind load.

2000mm wide section vawt wind blade rotates at the cutting speed of 4m/s

9m Dia secondary ring supporting the

The installed vawt is 16m in height, starts at

32m from water level at the tank and stops at

The skin of the system is designed to be very

elegant highly polished recycled galvanized

steel system. The design can be varied to have

different cross section profiles. One of the simple and unique profile could be a pipe

200mm in diameter. What is noteworthy to

mention here is that the skin system involves

two sepearate layering systems with same

profile but strikingly different dimensions. i one is 200mm dia pipe, the other one is 50mm

dia pipe system for instanc

Helical Continuous ramp

systems allow visitors un

interupted 360 degree

vision of the stunning

artifact along its periph-

ery. All of the ramp system

is floating over the rain

water harvesting tank.

The widthe of the path is

Structural Post 1m in dia,

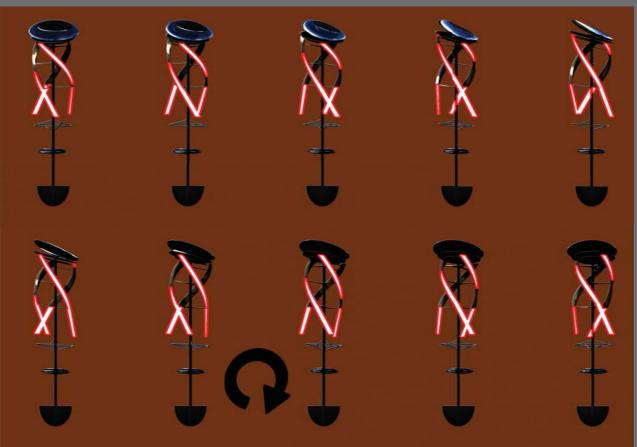
supporting the ramp

a clear sunny day with 7

1500 -2000mm.

48m in height, from ground,

vawt blades, 16m in height.



Lighting System Diagram explaining the apparent movement of the windmill and the kinetic scintillating impact of the lighting box due to its rotation due to wind on the installation

