



KVB GREEN ENERGIES

Solar Green House Drier



Let Us Save Energy for OUR NEXT GENERATION



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KVB Green Energies is registered with **MNRE** and is a leading manufacturer and suppliers of concentrated solar technology and Solar Green House Driers all around India.

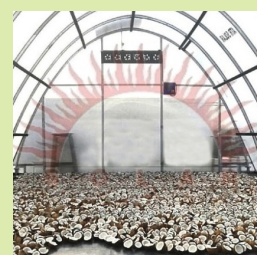
APPLICATIONS

- Spices
- Fruits Dehydration
- Vegetables Dehydration
- Herbs Drying
- Dal Drying
- Fish Drying
- Cashew Nut Drying
- Paddy Drying
- Chemical Drying
- Leather Drying
- Tea Leaves Drying
- Coffee Beans Drying
- Ceramic Drying
- Tobacco Drying
- Timber Seasoning
- Rubber latex Drying
- Pharmaceutical Drying
- Screen Print Drying
- Copra Drying
- Strawberry Drying
- Betel Nut Drying



ADVANTAGES

- Multiple Products Drying Option.
- Temperature and Humidity Controlling Facility.
- Operates without Electricity.
- Faster Drying than open Sun Drying.
- Provides Good Quality Dried Outputs.
- Good Nutritional Values.
- Maintains its color by UV Protection.
- Withstands heavy wind velocity and cyclone.
- Faster Payback Period.



DRIER MODELS

410	Sq. Ft.
620	Sq. Ft.
800	Sq. Ft.
1000	Sq. Ft.
1200	Sq. Ft.
2500	Sq. Ft.

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KVB Solar's Driers is made up of high quality poly carbonate sheets. These poly carbonate sheets have UV protective coatings on both their sides so that the colors of the materials will not be damaged. The polycarbonate sheets withstand high temperatures too.

In the solar green house, the drying materials are dried using the hot air that is produced by radiated solar energy.



Betel Nut Drying



Fish Drying



Red Chilli Drying



Paddy Drying



Ginger Drying

The cuddappa flooring will also absorb the solar radiation. Multiwall polycarbonate sheet cover will transmit and will prevent the reflected diffused radiation from inside. This will increase the drying chamber air temperature.

This hot air inside the drying chamber will absorb the moisture of materials kept inside. After absorbing the moisture, the humid air will be exhausted by using DC and AC exhaust fans controlled by temperature and humidity controller.

The required temperature and humidity could set in the temperature and humidity controller. During non sunny period electrical based heater and AC/DC fans will be operated by electricity, it will maintain the required temperature and humidity.

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Solar Tunnel Driers

UNIQUE FEATURES

1. Highly quality double side UV protective coated multi wall poly carbonate sheet being used. It withstands high temperature.
2. It endures all weather conditions.
3. High quality aluminium and epdm rubber are being used for longer life.
4. All structures will be constructed by using GI/SS square pipes.
5. Perforated SS 304 grade trays will be provided according to the customer's requirement.
6. The trollies will be made in such a way that, it is easy to move and handle.
7. The inside temperature will be raised up to 70°C. And it can be reduced by using automatic controlling units.
8. Automatic Humidity controllers will maintain inside humidity constantly so that the product quality will be maintained.
9. The Solar Drier will be installed by a experienced qualified technicians.

We also deal with Solar Water Heater, Solar Power Plants, Solar Pump, Solar AC and Solar Chest Deep Freezers.

**For More Information Contact
KVB GREEN ENERGIES**

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