



ATR SOLAR

Providing Energy Solutions Since 2002

SOLAR GREEN HOUSE DRIER



LET US SAVE ENERGY FOR OUR NEXT GENERATIONS



SOLAR GREEN HOUSE DRIERS

We are one of the leading manufacturers of Solar green house driers, Solar Air Heating Systems, Driers, Solar Power Plants, Solar water Heater and Solar Street lights since 2002. ATR SOLAR is registered with MNRE for manufacturing and supply of solar air heating systems and driers all over India. So far we had supplied and installed more than 10,000 sq.mtr solar air heating systems for various industrial drying applications all over India. And also Installed more than 55,000 Sq.ft area of SOLAR Green House Drier for Agricultural drying all over India.

APPLICATIONS:-

- ❖ Spices Drying
- ❖ 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

ADVANTAGES

- ✦ Multiple products Drying options
- ✦ Temperature and Humidity controlling facility
- ✦ Operates without Electricity
- ✦ Faster drying than open sun drying
- ✦ Provides Good Quality Dried outputs
- ✦ Good Nutrition 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





SOLAR GREEN HOUSE DRIERS



ATR SOLAR's Drier is made by high quality polycarbonate sheet. The Poly Carbonate Sheet have UV protective coating on both sides, so the color of the materials will not change. The Polycarbonate sheet withstand high temperature also.

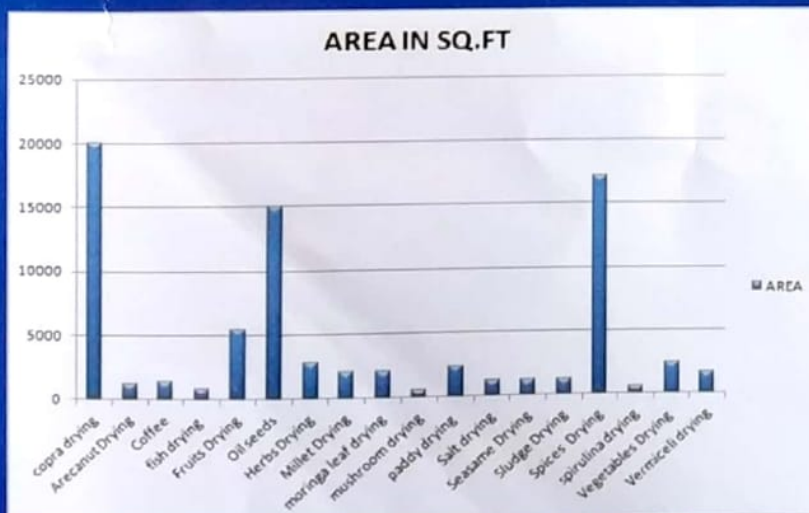
In solar green house the drying materials will be dried by using the hot air produced by the radiated solar energy. The cuddappa flooring will absorb the solar radiation. Multiwall Polycarbonate sheet cover will transmit and will prevent the reflected diffused radiation from Inside. This will increase 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 humidity air will be exhausted by using DC and AC Exhaust fans controlled by Temperature and humidity controller.

The required Temperature and humidity could be 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.



GREEN HOUSE DRIERS INSTALLED BY ATR SOLAR



RANGE OF PRODUCTS

SOLAR AIR HEATING SYSTEMS
SOLAR WATER HEATING SYSTEMS
SOLAR DRYING SYSTEMS
SOLAR LIGHTING SYSTEMS
SOLAR POWER PLANTS
SOLAR COOKING SYSTEMS
SOLAR PHOTOVOLTAIC PANELS
LPG HEAT EXCHANGER (BACK UP)
MINI CABINET TRAY DRIER



UNIQUE FEATURES

1. High quality double side UV protective coated multi wall poly carbonate sheet is being used . It will withstand high temperature also.
2. It endures all weather conditions
3. High quality aluminium and epdm rubber is being used for longer life
4. All structure will be constructed by using GP / SS square pipes
5. Perforated SS 304 grade Trays will be provided according to the customer 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 degree 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



www.atsolar.com

ATR SOLAR

The Quality that makes us success

Admin office & Factory:

No:12A, Vaigai Nagar 2nd Street,
Kumaran Nagar Extn.,
S.Alangulam, Madurai - 625 017.
Mobile: 93444 53444, 98432 65400
E-mail: atsolar@gmail.com

Web: www.atsolarindia.com www.atsolar.com