



# Solar Crop Dryer

Nvis 681/683



Sun drying for preservation of food stuff has been a traditional practice since ancient times. The basic principle in sun drying is to get food stuff dehydrated. In this manner many types of food items can be stored for a longer period of time, and can be packaged appropriately and transported over longer distances without the need for any chemical preservatives.

The **Solar Crop Dryer** employs similar process combined with scientific engineering for the purpose of hygienic food preservation in less time. Solar Crop Dryer make use of solar radiation. It incorporates forced air circulation by a Solar fan to enhance dehydration process. It is easy to install in a suitable place where there is bright sunlight.

## Technical Specifications

There are two types of Solar Crop Dryer

### 1) Nvis 681 Solar Crop Dryer (Cabinet Type)

Dimension	: 4 x 3 x 2 Feet
Loading capacity	: up to 5kg
Solar PV Panel	: 5Watts
DC Fan	: 12V, 0.18A

### 2) Nvis 683 Solar Crop Dryer (Tunnel Type)

Dimension	: 8 x 3 x 2 Feet
Loading capacity	: up to 8kg
Solar PV Panel	: 10Watts
DC Fan	: 12V, 0.35A

## Features

- Cabinet or chamber temperature up to 60°C
- Solar operated fan for air circulation
- Trays for loading materials to be dried
- Fully detachable

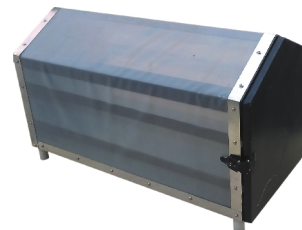
Note: Solar Crop Dryer functions very well under sunny conditions.

## Advantages

- Less space required for drying
- Time saving
- Products are protected against fungus, rain and dust
- Hygienic enclosure
- Cost effective
- No maintenance cost

## Applications

- Drying spices such as chilies, coriander, pepper, turmeric etc
- Fruits and vegetable dehydration such as mango, sapota, grapes, banana, jackfruit, carrot, beetroot, potato, capsicum etc.



Small Solar Dryer is also available, specially designed for domestic applications Dimension (mm) : 510 X 250 X 280 Loading capacity: 1 Kg (approx.)

Designed & Manufactured in India by

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