



Solar Dryer for Dehydration of Fruits and Vegetables



Purpose

- ❖ Dehydration of fruits and vegetables

Features

- ❖ To dry vegetables and other agricultural products
- ❖ Retains of colour and aroma
- ❖ Elimination of open sun drying problems and easy in scaling up
- ❖ Drying time < 50% of open sun drying
- ❖ Protect the material against dirt/dust/insects
- ❖ Environment friendly

Capacity and approx. cost per unit

- ❖ 10 kg
- ❖ Rs. 9000/-

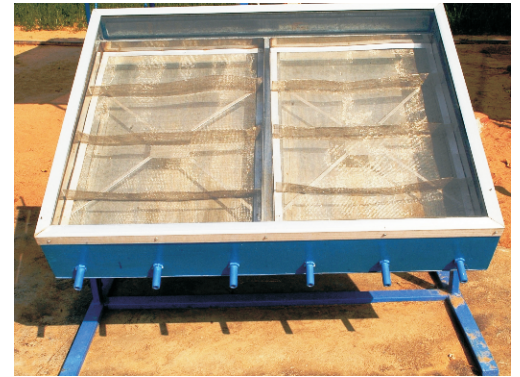
Energy saving/year (MJ): 1584

Reduction in GHG emission

- ❖ 1127 kg CO₂e per year

Economics

- ❖ **Benefit : cost ratio (BCR): 2.09**
- ❖ **Pay back period (PBP) (years): 1.42**



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CAZRI Factsheet: 2021



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