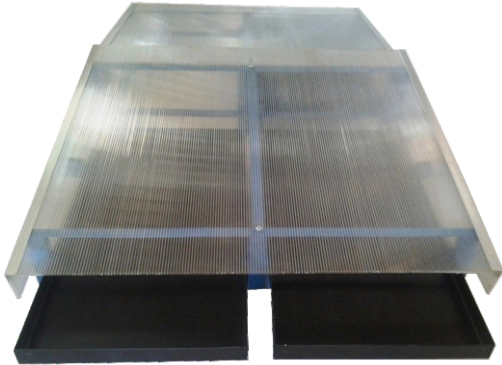


SDC 1 , SDC 2 , SDC 4 Solar Conduction Dryer

Solar Conduction dryer is designed to heat air to a constant temperature with solar energy, which facilitates extraction of humidity from substance inside a drying chamber. It is a direct type of solar dryer designed with a black absorbing surface which collects light and converts it to heat.

The substance to be dried is directly placed on the heating surface.



Advantages:

- ▶ Drying is faster because the inside temperature of dryer is comparatively warmer as compared to outside temperature
- ▶ Less risk of spoilage because of the speed of heating (if drying process is slow the fruit start to ferment and the product is spoilt)

- ▶ Following the traditional method of drying food using sun's energy in a modern way by using solar heater
- ▶ Dehydrating/Drying food stuffs kills most of the bacteria
- ▶ The dryer is provided with an enclosure which protects the product on drying tray from flies, pests, rain and dust.

Specification:

| Model | Overall Dimn (LxWxH) mm. | Tray Dimn. mm | No of tray | Net Wt. Kg |
|--------|--------------------------|----------------|------------|------------|
| SDC-1: | 905 X 550 X 255 | 815 X 410 X 45 | 1 | 5 |
| SDC-2: | 905 X 980 X 255 | 815 X 410 X 45 | 2 | 9 |
| SDC-4: | 1680 X 990 X 275 | 815 X 410 X 45 | 4 | 15 |

PHOENIX[™]
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