



IMPHAL MACHINES

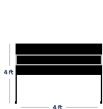
VISUAL INSTRUCTIONS

HOW TO USE

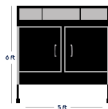
SOLARIM AND SOLAREC

Solar

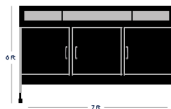
Solar + Electric Hybrid



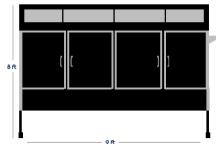
Solarim 1.0



Solarec Mini



Solarec Mac



Solarec Jumbo

TECHNICAL INFORMATION

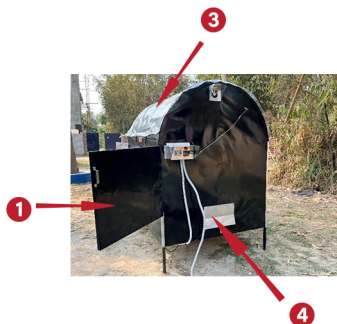
	Solarim 1.0	Solarec Mini	Solarec Mac	Solarec Jumbo
Tray size	2" x 2"	2" x 2"	2" x 2"	2" x 2"
No of Tray	2	16	24	40
Exhaust Fan	1	2	2	4
EF Wattage	12	12 x 2	12 x 2	12 x 4
Solar Panel	1	1	1	1
SP Wattage	20	40	40	60
Heater	x	2	2	4
Heater Wattage	x	1000 x 2	1000 x 2	1000 x 4
Control System	x	PID	PID	PID

APPLIANCE

(Solarec Description)

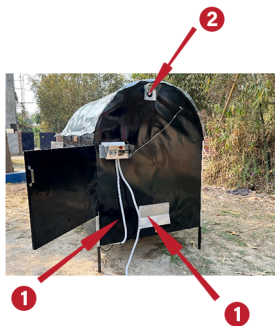
FRONT

1. Door
2. Door Lock
3. PVC Sheet
4. Hot Air Blower
5. Exhaust fan



RIGHT SIDE

1. Hot Air Blower
2. Exhaust fan
3. AC Power line
(connect to AC power source)



LEFT SIDE

1. Blower Control Panel



INSTALLATION AND CONNECTION

STEP 1

POSTITIONING THE MACHINE



Machine should be placed in position where maximum sunlight is available.

STEP 2

COVERING OF PLASTIC SHEET



PVC plastic is tightly covered over the top of the solarec. Velcro positions on the sheet and the chamber frame should be perfectly aligned.

If the sheet is shrunk little bit due to cold weather, let the sheet expand little bit by exposing over sunlight.

STEP 3

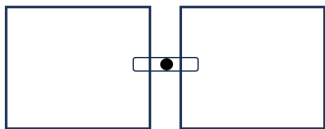
TRAYS ARE LOADED WITH PRODUCTS



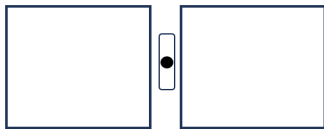
Most of the food products can be dried in Solarec.
Washed, cleaned or cut products are loaded over the trays.
Fully loaded trays are inserted into the drying chamber.

STEP 4

LOCKING DOOR



Door closed



Door open

Once the trays are inserted into the chamber, door should be locked tightly.
Press both the door tightly on the body.
Hold the bar,
Rotate the bar slightly and free your hand. Door will be closed tightly.
Due to the 'green house effect', temperature inside the chamber will be raised gradually.

STEP 5

ELECTRICAL CONNECTION



Solarec Mini

Solarec is equipped with electric hot air blower to supplement heat and raise the chamber temperature in case the internal chamber temperature is dropped during rainy or winter days.

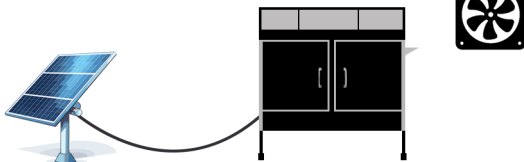
The powerline of the drier is connected to domestic power source. Then the controller and hot air blower is activated.

Default temperature of controller is 35° C. However, it can be reset.

Blower will be activated if the set temperature is dropped below the set point.

STEP 6

SOLAR PANEL CONNECTION



RESETTING CONTROLLER

PRECAUTIONS