



Raheja Solar Food Processing

Solar Dryer



Solar Dried Products



1. First, take out all the parts by cutting ropes and cover
Check them according to the list.

S. No.	Part	Quantity
a.	2 * 4 sq ft folded GI frame	1
b.	Foldable black stand	1
c.	Solid Triangle	1
d.	Triangle with mesh	1
e.	3.75 ft Al pipe	1
f.	3.75 ft Al pipe with plastic sheet	1
h.	Solar Panel with stand	1
i.	Tool, fastners and fan	1
j.	Wooden Tray	1

2. Open the black folding stand and keep their legs on ground. Tighten the stand by straightning the support joint.



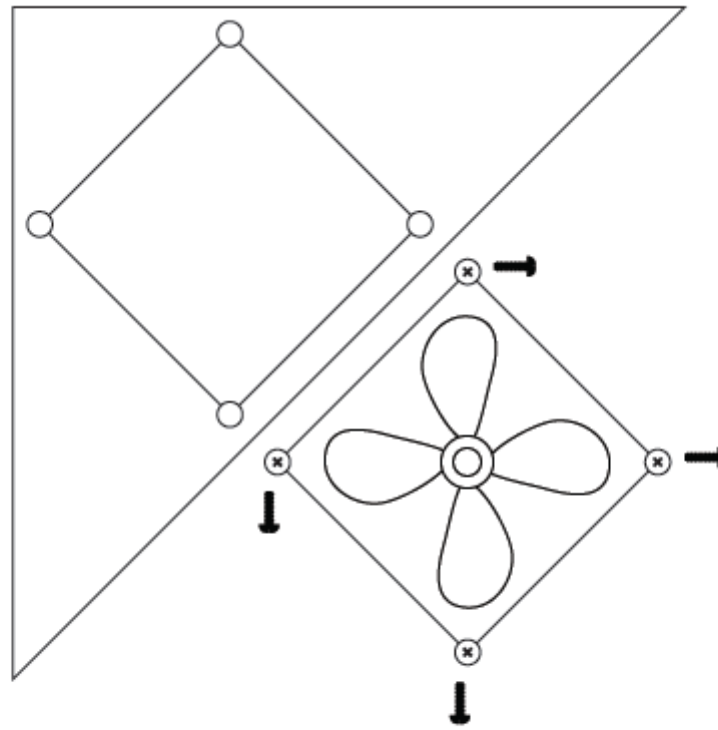
3. Unfold 2*2 sq. feet folding frame and place it on the stand as reference to number 1-1 and 2-2.



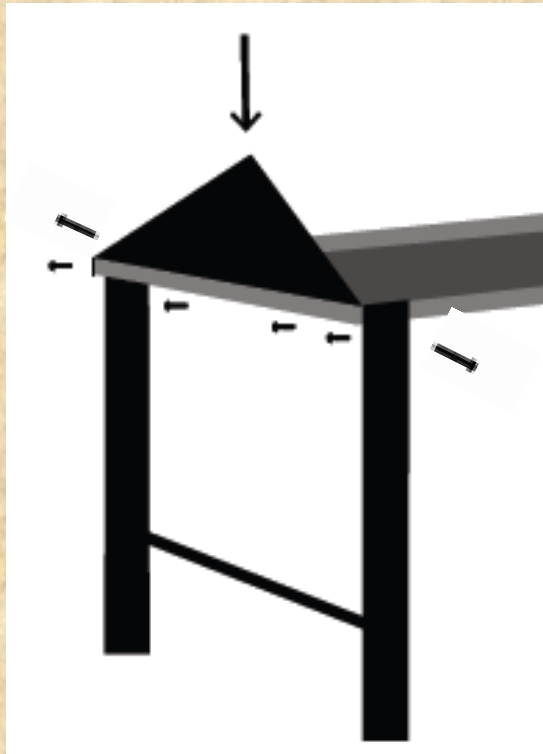
4. Fix stand and main frame with long fasteners.
(bolt + washers + nut).



5. Attach the fan with solid triangle. Fan will blow air inside the solar dryer.



6. Fix solid triangle towards the black end and triangle with mesh towards other end using small machine screws as shown in picture below.



7. Then, open fasteners of aluminium pipe and take it through the top holes of triangle. Fix the fasteners again to stop its lateral movement. Keep black end of solar dryer towards north.



8. Now open pipe with plastic sheet and fix with main frame matching the number 3, 4, 5, & 6 respectively on both. And, roll it over the dryer to the other side with fastening the sheet with triangles.
9. Finally, Join the wire of solar panel with fan and position solar panel towards south. (if possible put panel over some height)



10. At last, put tray on the silver side of dryer (mesh end of solar dryer) and put products over the mesh of tray.



Final Setup

