

## **Main benefits of the TinyTech Plants 12 meter Solar Basket compared to Scheffler Reflector**

**(1) It is not necessary to find out north south direction in our solar basket , it is essential to fix north-south line and fit the cooker on that line with foundations. This is highly scientific work.**

**(2 )Solar basket does not require to install on polar axis. So no latitude of the location is necessary to know. In Scheffler Reflector, it is essential to fix entire structure to revolve around polar axis and hence latitude of the location must be known. This can be done by highly trained technical person.**

**(3) Solar basket does not require any seasonal adjustment. In Scheffler Reflector, it is essential to make seasonal adjustment every week, which also requires training.**

**(4) In our solar basket, 100% aperture area is utilized all the time as against 70 to 80 % aperture area is used in Scheffler reflectors.**

**(5) The cost of 12 meter solar basket is about 9 lakhs while Scheffler Reflectors will cost 18 lakhs. So our cost is only 50%.**

**(6) Space requirement will be only 20% of Scheffler reflectors.**

**(7) Disadvantage: Scheffler Reflectors have automatic tracking devise. Our solar baskets have manual tracking devise. On the whole, solar baskets are highly user-friendly and any layman or illiterate person can cook without training. Scheffler reflector is highly scientific device which can be understood only by scientists and highly trained engineers. So, training is necessary to maintain Scheffler reflectors and to make seasonal adjustments.**