

The Solar Cooking Challenge: Solving the Design Puzzle

- Proficiency - Perform to High Standards Set
- Size-Small and Compact
- Weight-Lightweight
- Durability-Hard to Break, Long Lasting Used Properly
- Inexpensive – Costs to Manufacture Products Low
- Sun Mirror Angle – Make Adjustable
- Horizontal and Vertical Settings-Both Ways
- Wind Chill Factors-Reduce with New Design
- Ambient Air Factors-All Weather Capable
- Capacity – Amount of Food or Water It Can Hold
- How Fast it Cooks-Minimal Amount of Time
- Cleanability-Easy to Do
- Accessories or None- Minimal
- Testing Results – How it Compares to Competition
- Availability-Easy to Obtain New or Parts For
- Portability-Easy to Carry
- Stand a Lone Product/Compatible with all products.
- Customer Acceptance-Make Appealing/Must Have
- Customer Pain Points to Current Solar Units-Solve
- Easy to Set up-Minimal Time and Know How
- Replacement Parts-Readily Available, Great Service
- Protective Case-Protect & Provide Warning Label
- Advertisement on Product-Eye Catching, Informative