Enumerating the design space

**Dish Considerations**

Fixed Dish

[Insert Rendering Here]

Two Petal Dish (Clamshell)

Three Petal Dish

Four Petal Dish

Five Petal Dish

Six Petal Dish

Eight Petal Dish

10 Petal Dish

12 Petal Dish

16 Petal Dish

24 Petal Dish

Fabric Dish

Galileo Spacecraft Foldable Dish

Umbrella Dish

Vacuum Formed Dish

Spiral Dish

Flower Petal Folding Dish

Spiral Folding Dish

Figures of Merit

Volume Reduction

Bounding Surface, Surface Area Reduction

Longest Characteristic Length Reduction

Pinned Petal Hinge

Taped Petal Hinge

All Aluminum for Durability and Recylability

Smart Easy Folding

The shape you are going to heat defines the mirror shape!

That is driven by the powerplant.

So obtain the powerplant first.